



Luisa Lina Villa is an Associate Professor at the Department of Radiology and Oncology of the Faculdade de Medicina of the Universidade de São Paulo and Head of the Innovation in Cancer Research of the Center for Translational Research in Oncology of the Instituto do Câncer do Estado de São Paulo (ICESP), São Paulo, Brazil.

In 1972 She graduated in Biological Sciences from the Universidade de São Paulo (USP) (1972) and obtained a PhD in Sciences (Biochemistry) from the Institute of Chemistry of USP (1978). She was a researcher at the São Paulo branch of the Ludwig Institute for Cancer Research from 1983 to 2011, and was its director from 2006 to 2010. She was a professor at the Santa Casa de Misericórdia School of Medical Sciences in São Paulo from 2011 to 2015 where she coordinated a National Institute for the study of Papillomavirus infections and diseases (INCT-HPV), a comprehensive research program sponsored by the National Council for the Development of Science (CNPq) and the State of São Paulo Research Foundation (FAPESP).

She is a full member of the Brazilian Academy of Sciences and Commander of the National Order of Scientific Merit. In 2010, she received the SCOPUS Brazil Award, offered by Elsevier for the impact of her publications to the field. In 2018 she received an honorable mention at the Peter Muranyi Prize and received the Biology Prize from The World Academy of Sciences (TWAS) in Trieste, Italy. She was appointed as Fellow of TWAS in 2019, effective January 2020.

She has experience in the area of Microbiology, with emphasis on Virology, Basic Oncology and Epidemiology, acting mainly on the following subjects: human papillomavirus (HPV), cervical cancer, anogenital cancer, head and neck cancer, epidemiological studies of HPV in women and men, immunology of HPV infections, prophylactic HPV vaccines. She coordinated the INCT-HPV (National Institute of Science and Technology for Papillomavirus Diseases - HPV Institute), a program conducted by the Ministry of Science and Technology, in partnership with FAPESP and CNPq, with the mission of contributing to the knowledge of HPV infections and diseases at different levels (2009-2017). Much of her research has been international with collaborative projects in Canada, France, Italy, Mexico, Spain, United States of America.

Her research has been funded by the Ludwig Institute for Cancer Research, the US National Institutes of Health, the Brazilian foundations to support Science – FAPESP and CNPq. As of end-2019, she had published 330 scientific articles (*h* index: WOS 60; Google Scholar= 80; more than 16,000 citations) and 22 book chapters. Many of her articles have appeared in premier biomedical journals, such as *The Lancet*, *Journal of the American Medical Association*, *New England Journal of Medicine*, *Journal of the National Cancer Institute*, *British Medical Journal*, *Journal of Infectious Diseases* and *Journal of Virology*. She made more than 500 presentations as invited speaker or session chair in national and international conferences and in seminars in academic or clinical departments throughout the world. She served as member of the organizing and program committees of several national and international conferences, especially at the International Papillomavirus Conferences. More recently, she is a member of the organizing committee of the 2020 AACR Translational Cancer Medicine Conference, to be held in Argentina, October 2020.

She has mentored 13 Master, 20 PhD students and 8 Pos-Doctoral fellows. Since 2016, she coordinates de graduate program in Oncology of the School of Medicine, Universidade de São Paulo.

CURRICULUM VITAE

PERSONAL DETAILS

Name: Luisa Lina VILLA

Date and place of birth: Jan 13, 1951; Nesso (CO), Italy

Citizenship: Italian and Brazilian citizen

ADDRESS

Home: Rua dos Ingleses 446, apt 62^a
01329-000 São Paulo, SP, Brazil
Phone: +5511-32621454
Cell phone: +5511-982882021

Work: Faculdade de Medicina, Universidade de São Paulo
Centro de Medicina Nuclear
Rua Dr. Ovidio Pires de Campos 872
05 São Paulo, SP, Brazil
Phone: +5511-26618059
+5511-26617554 (assistant Mrs. Raquel Hessel)

E-mail: l.villa@hc.fm.usp.br
luisapvilla@gmail.com

EDUCATION

PhD (1978) Universidade de São Paulo, Instituto de Química, Departamento de Bioquímica, São Paulo, Brazil (Doctor in Sciences).

Licentiate (1972) Universidade de São Paulo, Instituto de Ciências Biológicas, São Paulo, Brazil (Licensed Teacher).

BSc (1972) Universidade de São Paulo, Instituto de Ciências Biológicas, São Paulo, Brazil (Bachelor of Sciences).

POST-DOCTORAL TRAINING

Laboratory of Experimental Oncology, School of Medicine, Universidade de São Paulo (Supervisor: Prof. Ricardo Renzo Brentani, MD, PhD), São Paulo, Brazil (Sept 1980-Oct 1983).

Visiting Scientist, Deutsches Krebsforschungszentrum, Heidelberg, GE, Laboratories of Dr. Lutz Gissmann and Dr. Elizabeth Schwarz (June-August 1986)

Visiting Scientist, National Cancer Institute, NIH-USA, Bethesda, MD, USA, Laboratory of Tumor Virus Biology, Head Dr. Richard Schlegel (June-Sept 1988; Dec-March 1989)

Visiting Scientist, National University of Singapore, Dept. of Molecular & Cell Biology Head, Dr. Hans-Ulrich-Bernard (Jan-March 1993).

SABBATICAL LEAVE

MD Anderson Cancer Center, Houston, TX, USA, Laboratory of Renata Pasqualini and Wadih Arap (one year, between 2001 and 2003)

Project: Selection of papillomavirus-like motifs from phage display libraries that have potential translational application.

ACADEMIC AND PROFESSIONAL APPOINTMENTS

2015-present Chair of the Graduate program (MsC and PhD) in Oncology, Faculdade de Medicina, Universidade de São Paulo, Brazil

2013- present Associate Professor with tenure, Department of Radiology and Oncology, Faculdade de Medicina, Universidade de São Paulo, São Paulo, Brazil.

2011-2013 Associate Professor, Department of Radiology and Oncology, Faculdade de Medicina, Universidade de São Paulo, São Paulo, Brazil

2011-2015 Associate Professor at School of Medical Sciences, Santa Casa de Misericórdia de São Paulo, Brazil

2006-2010 Scientific Director of the São Paulo Branch of the Ludwig Institute for Cancer Research, São Paulo, Brazil

1983-2011 Senior Investigator and Chief of Virology group, Ludwig Institute for Cancer Research, São Paulo Branch, Brazil

EDITORIAL BOARD MEMBER

International peer-review journals:

Editor-in-Chief, Molecular and Cell Biology, *Brazilian Journal of Biochemistry and Molecular Biology* (from 2017)

Member, *International Journal of Cancer* (from 2018)

International Board, *Lancet Oncology* (from 2017)

Revista Pan-Amazonica

AWARDS AND HONOURS

- Fellow, The World Academy of Sciences - TWAS, from 2020
- Biology prize, The World Academy of Sciences - TWAS, November 2018
- Péter Murányi Award, Health Area, Third place, Foundation Peter Muranyi, April 2018.
- Award, Associação Brasileira de Patologia do Trato Genital Inferior e Colposcopia, April 2013
- Adolfo Lutz Medal, award received from the São Paulo State Secretary of Health, November 2012
- Elsevier SCOPUS Award, for number and impact of publications, awarded by Elsevier and Coordenação de Aperfeiçoamento de Pessoal de Nível Superior do Ministério da Educação (CAPES), November 2010.
- Xavier Sigaud Award, Brazilian Investigator, Sociedade Franco Brasileira de Oncologia, October 2010
- Officer of the Order of Brazil – Comendadora da Ordem Nacional do Mérito Científico (from June 24, 2010).
- Fellow, Academia Brasileira de Ciências, Rio de Janeiro, Brazil (from May 6, 2008).

MEMBERSHIP IN SCIENTIFIC SOCIETIES

- American Association for Cancer Research
 - Latin American Cooperative Oncology Group (LACOG) – AACR
- International Papillomavirus Society (Member of Board of Directors, 2000-17)
- Sociedade Brasileira para o Progresso da Ciência
- Sociedade Brasileira de Virologia

TEACHING AND EDUCATION

Graduate Program in Oncology at the A.C. Camargo Hospital, São Paulo, BR
Course on Virus and Cancer, yearly (2000-2009)

Faculdade de Medicina, Universidade de São Paulo (FMUSP)
Teaches to Undergraduate Students (12 hours/semester)

Main lecturer and Supervisor of the Graduate program in Oncology, FMUSP
Mechanism of Carcinogenesis, Yearly since 2015
Virus and Cancer, 2013

SUPERVISION OF GRADUATE STUDENTS

Master Dissertation

- 1) José Eduardo Levi, November 1993
- 2) Nidia Alice Pinheiro, December 1996
- 3) Laura Cristina Sichero Gonzalez, September 1999
- 4) Andrea Trevisan, December 1999
- 5) Katiana de Sales Junes, February 2000
- 6) Patricia Thomann, July 2000
- 7) Lara Termini, August 2000
- 8) Jane Haruko Lima Kaiano, October 2000
- 9) Patrícia Sávio de Araújo Souza, November 2001
- 10) Tatiana Rabachini, December 2002
- 11) Rodrigo Vellasco Duarte Silvestre, September 2004
- 12) Aline do Nascimento Bolpetti, October 2005
- 13) Ricardo Cesar Cintra, November 2016

PhD Thesis

- 1) Katia Brito Lins Vieira, October 1995
- 2) Otavia L.S.D. de Caballero, March 1998
- 3) Paula Rahal, September 1998
- 4) João Manuel Grisi Candeias, November 1998
- 5) Álvaro Piazzetta Pinto, January 2000
- 6) Enrique Boccardo, July 2002
- 7) Paulo César Maciag, July 2002

- 8) Beatriz Simonsen Stolf, August 2003
- 9) Laura Cristina Sichero Gonzalez, December 2003
- 10) Andréa Trevisan, April 2004
- 11) José Verissimo Fernandes, December 2004
- 12) Patrícia Thomann, August 2005
- 13) Katiana de Sales Junes: 04/08/2005
- 14) Patrícia Sávio de Araújo Souza, May 2006
- 15) Tatiana Rabachini, December 2007
- 16) Carina Victoria Manzini Baldi, December 2008
- 17) Roberto José Carvalho da Silva, March 2010
- 18) Mirian Galliotte Morale, July 2016
- 19) Lucas Boeno Oliveira, November 2016
- 20) Lanre Precieux Sulaiman, November 2017
- 21) Ricardo do Nascimento Cintra, ongoing
- 22) Gabriela D'Ávila, ongoing

Post-Doctoral Program

- 1) Ana Carolina Coutinho Barbosa (01.06.2000 – 31.05.2002)
- 2) Enrique Mario Boccardo Pierulivo (01.08.2002 – 31.07.2003)
- 3) Laura Cristina Sichero Gonzalez (01.03.2004 – 28.02.2005)
- 4) Andrea Trevisan (01/09/2006 - 30/04/08)
- 5) Lara Termini (01.06.06 – 31/05/10)
- 6) Ismar Rocha Haga (13/08/2008 A 12/05/11)
- 7) Antero Ferreira de Almeida Macedo (05/03/2012 a 04/03/14)
- 8) Aline do Nascimento Bolpetti (01/02/2012 a 31/01/14)
- 9) Mirian Morale (ongoing)

RESEARCH GRANTS AND CONTRACTS

CNPq: Conselho Nacional de Desenvolvimento Científico e Tecnológico, Ministry of Science, Technology, Innovation and Communication, Brazil

FAPESP: Fundação de Amparo à Pesquisa do Estado de São Paulo, São Paulo State, Brazil

NIH: National Institutes of Health, USA

As Principal Investigator or Co-PI:

1996-1998 - NIH – “Natural History of HPV infection and cervical neoplasia in a high risk area”
(E. Franco, PI; A. Ferenczy, T.Rohan, L.Villa, co-PIs). Medical Research Council of Canada
(**Grant # MA-13647**).

1999-2002 - NIH - National Cancer Institute “Molecular epidemiology of persistent HPV infection”.
Eduardo L. Franco (McGill University Dept.Oncology - Montreal, Quebec, CA), PI; L. Villa, co-PI.
(**RO1 CA 70269**)

2000-2003 - FAPESP – “Análise funcional de linfócitos T CD4+ infiltrantes de tumores e circulantes em pacientes com carcinoma do colo uterino”. L.Villa, PI. (**Proc. 99/09457-4**)

2000-2003 – NIH – “Antioxidant Nutrients Among a Brazilian Population”. Anna Giuliano (Moffitt Cancer Center), PI, L.Villa, co-PI).

2004-2006 - FAPESP “Envolvimento da Proteína E7 de Papilomavirus Humano (HPV) de Alto Risco na Resistência ao Fator de Necrose Tumoral-A (TNF)”. L. Villa, PI. (**Proc. Nr. 2004/04474-8**).

2005-2009 - Grand Challenges in Global Health Initiative, NIH, Bill & Melinda Gates Foundation. “Novel Therapeutic Vaccines for Acute and Persistent Papillomavirus Infections”. Robert L. Garcea (Univ. Colorado, Denver), PI; L. Gissmann (DKFZ, Heidelberg), R. Schlegel (Georgetown Medical School), L. Villa (Ludwig Institute for Cancer Research, Sao Paulo), co-PIs.

2004-2008 – NIH - "Effect of Oxidant Load on HPV Persistence and CIN (SIL)". Anna Giuliano, PI; L.Villa, co-PI. (Grant #: **2R01CA081310-04A2**)

2004-2015 – NIH - “Natural History of HPV Infection in Men: The HIM Study” Anna Giuliano, PI, L.Villa, co-PI.(Grant # **CA098803** USD 1,030.000.00)

2005-2007 - CNPq – “Perfil da expressão gênica de queratinócitos humanos associados à resistência ao fator de necrose Tumoral-alfa (TNF) induzida pela proteína E7 de papilomavírus humano (HPV) de alto risco”. L.Villa, PI. **Proc. 476349/2004-4**

2007-2008 - FAPESP – “Modelos de Camundongos isogenicos e transgenicos para o estudo de doenças degenerativas, do câncer e do sistema imunológico implantados no Instituto Ludwig de Pesquisa sobre o Câncer”. L.Villa, PI. (**Proc. Nr. 2007/50780-1**)

2008-2015 - FAPESP “HPV e microambiente tumoral”. L.Villa, PI. (**Proc. Nr.2008/03232-1**)

2010-2012 - FAPESP “Diversidade de tipos de HPV na região genital masculina” Laura Sichero (ICESP, FMUSP) PI; L.Villa, co-PI. (**Proc. Nr 10/15282-3**)

2009-2017 - FAPESP “Instituto de Ciência e Tecnologia para o Estudo das Doenças Associadas ao Papilomavirus”. L. Villa, PI. (**Proc. Nr. 2008/57889-1**).

2009-2017 - CNPq “Instituto de Ciência e Tecnologia para o Estudo das Doenças Associadas ao Papilomavirus”. L. Villa, PI. (**Proc. 573799/2008-3**).

2018 – 2021 - FAPESP “Biomarcadores de tumores de cabeça e pescoço induzidos por HPV na America Latina e Europa” (Consortium EU-LAC/Health. L.Villa, PI. **Proc. Nr. 2017/04020-7**

2019-2024 – NIH – “Nine-valent HPV Vaccine to Prevent Persistent Oral HPV Infection in Men living with HIV”. U54 Consortium: Partnership for Prevention of HPV-Associated Cancers in People Living with HIV: Brazil, Mexico, and Puerto Rico. Tim Wilkin (Cornell Univ., NY, USA), Anna Giuliano (Moffitt Cancer Center, Tampa, FL, USA) PIs, L. Villa, co-PI

CNPq – Fellowship, Produtividade em Pesquisa (Intended for researchers who stand out among their peers) **Proc. Nr. 306326/2015-9** – Since 2012

PUBLICATIONS (Peer-reviewed articles)

[(*) corresponding author, (s) denotes a student of mine as first author]

Link to PubMed articles <https://www.ncbi.nlm.nih.gov/pubmed/?term=Villa+LL%2C+Villa+L>

Link to Google Scholar <https://scholar.google.com.br/citations?user=zWmt8P0AAAAJ&hl=pt-BR>

Link to ORCID <https://orcid.org/0000-0003-4074-2335>

h index: 60 (WOS), 80 (Google Scholar), December 2019

1. **Villa LL**, Juliani MH. - Mechanism of rho⁻ induction in *Saccharomyces cerevisiae* by guanidine hydrochloride: analysis of mitochondrial markers retention. *Mutat Res.* **71**:147-153, 1980.
2. **Villa LL**, Juliani MH. Induction of rho⁻ mutants in yeast by guanidine hydrochloride. Combined treatment with other petite inducing agents. *Mutat Res.* **71**:67-75, 1980.
3. Santos CLC, **Villa LL**, Sonohara S, Brentani RR. Construction of a DNA clone corresponding to mouse alpha (IV) procollagen. *Nucleic Acids Res.* **12**(4): 2035-2046, 1984.
4. **Villa LL**, Lopes A. Human papillomavirus sequences in penile carcinoma from Brazil. *Int J Cancer.* **37**(6):853-855, 1986.
5. Barardi CRM, Santos CLC, **Villa LL**, Brentani RR. A direct method for cDNA cloning employing translation-released mRNA. *Braz J Med Biol Res.* **20**:313-320, 1987.
6. Lehn H, **Villa LL**, Marziona F, Hilgarth M, Hillemanns HG, Sauer G. Physical state and biological activity of human papillomavirus genomes in precancerous lesions of the female genital tract. *J Gen Virol.* **69**:187-196, 1988.
7. Franco EL, Campos Filho N, **Villa LL**, Torloni H. Correlation patterns of cancer relative frequencies with some socioeconomic and demographic indicators in Brazil: an ecologic study. *Int J Cancer*

41:24-29, 1988.

8. **Villa LL**, Franco EL & LICR HPV Study Group. Epidemiological correlates of cervical neoplasia and risk of human papillomavirus infection in asymptomatic women. *J Natl Cancer Inst.* **81**(5):332-340, 1989.
9. Levi JE[§], Delcelo R, Alberti VN, Torloni H, **Villa LL***. Human papillomavirus DNA in respiratory papillomatosis detected by in situ hybridization and the polymerase chain reaction. *Amer J Pathol.* **135**:1179, 1989.
10. **Villa LL**, Schlegel, R. Differences in transformation activity between HPV-18 and HPV-16 map to the viral LCR-E6-E7 region. *Virology.* **181**:374-377, 1991.
11. Romanczuk H, **Villa LL**, Schlegel R, Howley PM. The differential immortalization activities of human papillomavirus types 16 and 18 are determined by viral transcriptional regulatory regions upstream of the E6 and E7 genes. *J Virol.* **65**(5):2739-2744, 1991.
12. **Villa LL***, Brentani RR. Human Papillomavirus update. *Int J Cancer.* **48**:163-165, 1991.
13. Ho L, Chan S-Y, Chow V, Chong T, Tay S-K, **Villa LL**, Bernard HU. Sequence variants of human papillomavirus type 16 in clinical samples permit verification and extension of epidemiological studies and construction of a phylogenetic tree. *J Clin Microbiol.* **29**(9):1765-1772, 1991.
14. **Villa LL**, Vieira KBL, Fang PX, Schlegel R. Differential effect of tumor necrosis factor on the proliferation of primary human keratinocytes and cell lines containing human papillomavirus types 16 and 18. *Mol. Carcinogenesis* **6**:5-9, 1992.
15. Higgins GD, Uzelin DM, Phillips GE, **Villa LL**, Burrell CJ. Differing prevalences of human papillomavirus RNA in penile dysplasias and carcinomas may reflect differing aetiologies. *Amer J Clin Pathol.* **97**(2):272-278, 1992.
16. de Mello WA[§], De Barros VLRS, Ribeiro MP, Rahal P, **Villa LL**, Macedo JE, Linhares AC. Human papillomavirus and anogenital cancers in northern Brazil. *_Mem Inst Oswaldo Cruz.* **87**:445-447, 1992
17. Chan SY, Ho L, Ong CK, Chow V, Drescher B, Duerst M, Meulen J, **Villa LL**, Luande J, Mgaya HN, Bernard HU. Molecular variants of human papillomavirus 16 from four continents suggest ancient pandemic spread of the virus and its coevolution with human kind. *J. Virol.* **66**(4):2057-2066, 1992.
18. Ventura AM[§], **Villa LL***. Plasmid pSH: A strong mammalian expression vector. *Biochem Biophys Res Comm.* **192**(2):867-869, 1993.
19. Fang BS[§], Guedes Munoz, **Villa LL***. Human Papillomavirus type 16 variants isolated from vulvar bowenoid papulosis. *J Med Virol.* **41**:49-54, 1993.
20. Ong C-K, Chan S-Y, Campo MS, Fujinaga K, Mavromara-Nazos P, Labropoulou V, Pfister H, Tay S-K, Ter Meulen J, **Villa LL**, Bernard H-U. Evolution of human papillomavirus type 18: an ancient phylogenetic root in Africa and intratype diversity reflect coevolution with human ethnic groups. *J Virol.* **67**(11):6424-6431, 1993.
21. Ho L, Chan S-Y, Burk RD, Das BC, Fujinaga K, Icenogle JP, Kahn T, Kiviat N, Lancaster W, Mavronava-Nazos P, Labropoulou V, Mitrani-Rosenbaum S, Norrild B, Pillai MR, Stoerker J, Syrjaenen K, Syrjaenen S, Tay S-K, **Villa LL**, Wheeler CM, Williamson AL, Bernard H-U. The genetic drift of human papillomavirus type 16 is a means of reconstructing prehistoric viral spread and the

- movement of ancient human populations. *J Virol.* **67**(11):6413-6423, 1993.
22. Chammas R, **Villa LL**. Cellular and molecular aspects of tumor progression. *Acta Oncol Brasil.* **13**:17-27, 1993.
 23. Franco E, **Villa LL**, Rahal P, Ruiz A. Molecular Variant analysis as an Epidemiological tool to study persistence of Cervical Human Papillomavirus Infection. *J Ntl Cancer Inst.* **86**(20):1559-1598, 1994.
 24. Bernard HU, Chan SY, Manos MM, Ong CK, **Villa LL**, Delius H, Peyton CL, Bauer HM, Wheeler CM. Identification and Assessment of Known and Novel Human Papillomaviruses by PCR Amplification, Restriction Fragment length polymorphisms, Nucleotide Sequence and Phylogenetic Algorithms. *J Inf Dis.* **170**:1077-1085, 1994
 25. **Villa LL**, Virus e Câncer - *Acta Oncol. Bras.* **14**(2):60-65, 1994.
 26. Ong CK, Bernard HU, **Villa LL**. Identification of Genomic Sequences of three novel human Papillomaviruses in Cervical Smears of Amazonian Indians. *J Infect Dis.* **170**:782-784, 1994.
 27. Caballero OL[§], **Villa LL**, Simpson AJG. Low Stringency PCR (LS-PCR) Allows entirely Internally standardized DNA Quantitation. *Nucleic Acids Res.* **23**(1):192-193, 1995.
 28. **Villa LL**, Caballero OL, Simpson AJG, Pena SAJ. An approach to Human Papillomavirus, Identification using low stringency single specific primer PCR. *Mol Cell Probes.* **9**(1): 45-48, 1995.
 29. Franco EL, **Villa LL**, Ruiz A, Costa MC, Transmission of Cervical Human Papillomavirus Infection by Sexual Activity: Diferences between low and high oncogenic risk types. *J Infect Dis.* **172**:756-763, 1995
 30. **Villa LL**, Medeiros AC. Métodos de análise de DNA e RNA. *Rev. Soc. Cardiol. Estado de S.Paulo.* **5**(3):349-355, 1995.
 31. Heinzl PA, Chan SY, Ho LS, O'Connor M, Campo MS, Fujinaga K, Kiviat N, Kuypers J, Pfister H, Steinberg BM, Tay SK, **Villa LL**, Bernard HU. Variation of Human Papillomavirus type 6 (HPV-6) and HPV-11 Genomes Sampled throughout the world. *J Clin Microbiol.* **33**(7):1746-1754, 1995.
 32. Vieira KBL[§], Goldstein DJ, **Villa LL**. Tumor necrosis factor-alpha interferes with the cell cycle of normal and papillomavirus-immortalized human keratinocytes. *Cancer Res.* **56**:2452-2457, 1996.
 33. Dias-Neto E, Rahal P, Moura RPM, Caballero O, **Villa LL**, Simpson AJG. DNA ligation quality control by competitive PCR - *Trends in Genetics.* **12**(9):341-342, 1996.
 34. Franco EL, Bergeron J, **Villa LL**, Arela M, Richardson L, Arseneau J, Stanimir G, Human Papillomavirus DNA in Invasive Cervical Carcinomas and its Association with patient survival. *Cancer Epidemiol. Biomarkers Prevention* **5**(4):271-275, 1996.
 35. **Villa LL***. Human papillomaviruses and Cervical Cancer. *Adv Cancer Res.* **71**: 321-341, 1997.
 36. Caballero OL, Menezes CLP, Costa MCSL, Fernandes SC, Anacleto TM, Oliveira RM, Viotti EA, Távora ERF, Vilaça SS, Sabbaga E, Paula FJ, Távora PF, **Villa LL**, Simpson AJG. Highly sensitive single-step PCR protocol for high sensitivity human cytomegalovirus infection diagnosis and monitoring in renal transplant recipients. *J Clin Microbiol.* **35**(12):3192-3197, 1997.
 37. Levi JE[§], Rahal P, Sarkis AS, **Villa LL***. Human papillomavirus DNA p53 status in penile carcinomas. *Int J Cancer* **76**:779-783, 1998.

38. Pinto AP[§], **Villa LL***. A spin cartridge system for DNA extraction from paraffin wax embedded tissues. *Mol Pathol.* **51**(1):48-49, 1998.
39. Miguel REV, **Villa LL**, Cordeiro AC, Prado JCM, Pereira-Sobrinho JS, Kowalski LP. Low prevalence of human papillomavirus in a geographic region with a high incidence of head and neck cancer. *Am J Surgery.* **(176)**:428-429, 1998.
40. Franco EL, Rohan TE, **Villa LL**. Epidemiologic evidence and Human Papillomavirus infection as a necessary cause of cervical cancer. *J Natl Cancer Inst.* **(91)**6:506-511, 1999.
41. Pinto AP, Ming-Chieh L, Mutter GL, Sun D, **Villa LL**, Crum CP. Allelic loss in human papillomavirus-positive and-negative vulvar squamous cell carcinomas. *Am J Pathol.* **154**(4):1009-1015, 1999.
42. Pinheiro NA[§], Moura RP, Monteiro E, **Villa LL***. Detection of point mutations by non-isotopic single strand conformation polymorphism. *Braz J Med Biological Res.* **32**(1):55-58, 1999.
43. Pinto AP[§], Signorello LB, Crum CP, Harlow BL, Abrão F, **Villa LL***. Squamous cell carcinoma of the vulva in Brazil: prognostic importance of host and viral variables. *Gynecol Oncol.* **74**(1):61-67, 1999.
44. Maciag PC[§], **Villa LL***. Genetic susceptibility to HPV infection and cervical cancer. *Braz J Med Biol Res.* **32**(7):915-922, 1999.
45. Franco EL, **Villa LL**, Sobrinho J, Prado JM, Rousseau MC, Désy M, Rohan TE. Epidemiology of acquisition and clearance of cervical human papillomavirus infection in women from a high risk area for cervical cancer. *J Infect Dis.* **180**:1415-1423, 1999.
46. Caballero OL, Costa MCSL, Trevisan A, Oliveira RM, Viotti EA, Távora ERF, Vilaça SS, Sabagga E, Paula FJ, Távora PF, Brasileiro Filho G, **Villa LL**, Simpson AJG. Monitoring human cytomegalovirus viral load in peripheral blood leukocytes of renal transplant recipients by a simple limiting dilution-PCR assay. *Braz. J. Med. Biochem. Res.* **32**:1515-1523 1999.
47. Gonçalves MAG, Massad, E, Burattini MN, **Villa LL**. Relationship between Human Papillomavirus (HPV) genotyping and genital neoplasia in HIV positive patients of Santos city, São Paulo, Brazil. *Int J STD AIDS* **10**:803-807, 1999.
48. Caballero OL, Menezes CLP, **Villa LL**, Simpson AJG. A novel, internally competitive polymerase chain reaction for quantification of Human Cytomegalovirus DNA in human leukocytes. *Mol Cell Probes* **14**:407-413, 1999.
49. Noronha V, Mello W, Villa L, Brito A, Macêdo R, Bisi F, Mota R, Sassamoto K, Monteiro T, Linhares A. Papilomavírus humano associado à lesões de cérvix uterina. *Rev Soc Bras Med Trop.* **32**(3):235-240, 1999.
50. **Villa LL**. Molecular variability of human papillomaviruses and susceptibility to cervical neoplasia. *Ciência e Cultura.* **51**(3/4):212-217, 1999.
51. Franco E, **Villa LL**, Rohan T, Ferenczy A, Baggio M, Galan L, Robitaille J, Sobrinho, J, Ruiz, A, Prado J, Ribeiro M, Ferreira S, Duarte-Franco E, Candeias J, Caballero, O, Rahal P, Sichero L, Santos M, Petzl-Erler M, Matlashewski G. Design and methods of the Ludwig-McGill longitudinal study of the natural history of human papillomavirus infection and cervical neoplasia in Brazil. *Pan Am J Public Health.* **6**(4):223-232, 1999.
52. Rousseau MC, Franco EL, **Villa LL**, Sobrinho J, Termini L, Prado JM, Rohan T. A cumulative case-

control study of risk factor profiles for oncogenic and non-oncogenic cervical Human Papillomavirus infections". *Cancer Epidemiol Biomarkers Prevention* **9**:469-476, 2000.

53. Makni H, Franco EL, Kaiano J, **Villa LL**, Lebreque S, Dudley R, Storey A, Matlashewski G. P53 polymorphism in codon 72 and risk of HPV-induced cervical cancer: effect of inter-laboratory variation. *Int J Cancer* **87**:528-533, 2000.
54. Palazzi MA, Erwene CM, **Villa LL**, Detection of human papillomavirus in epithelial lesions of the conjunctiva in Brazil. *São Paulo Medical J.* **118**(5):125-130, 2000.
55. Maciag PC[§], Junes KS, **Villa LL**, Petzl-Erler ML. Identification of a novell allele, DRB1*13JP in two brazilian individuals. *Tissue Antigens.* **56**(2):194-196, 2000.
56. **Villa LL**, Sichero L, Rahal P, Caballero O, Ferenczy A, Rohan T, Franco EL. Molecular variants of human papillomavirus types 16 and 18 preferentially associated with cervical neoplasia. *J Gen Virol.* **81**:2959-2968, 2000.
57. Maciag PC[§], Schlecht NF, Souza PSA, Franco EF, **Villa LL**, Petzl-Erler ML. Major histocompatibility complex class II polymorphisms and risk of cervical cancer and human papillomavirus infection in Brazilian women. *Cancer Epidemiol. Biomarkers Prev.* **9**:1183-1191, 2000.
58. Calore EE, Nadal SR, Manzione CR, Cavaliere MJ, Almeida LV, **Villa LL**. Expression of Ki-67 can assist in predicting recurrences of low-grade anal intraepithelial neoplasia in AIDS. *Dis Colon Rectum* **44**(4):534-537, 2001.
59. Bezerra ALR[§], Lopes A, Landman G, Alencar GN, Torloni H, **Villa LL***, Clinicopathologic features and Human Papillomavirus DNA prevalence of warty and squamous cell carcinoma of the penis. *Am J Surg Pathol.* **25**(5):673-678, 2001.
60. Pinheiro NA[§] **Villa LL***. Low frequency of p53 mutations in cervical carcinomas among Brazilian women. *Braz J Med Biochem Res.* **34**:727-733, 2001.
61. Bezerra ALR[§], Lopes A, Santiago G, Ribeiro KCB, Latorre MRDO, **Villa LL***. Human papillomavirus as a prognostic factor in carcinoma of the penis. Analysis of 82 patients treated with amputation and bilateral lymphadenectomy. *Cancer.* **91**(12): 2315-2321, 2001.
62. Rousseau MC, Sobrinho J, Prado JCM, Franco EL, **Villa LL**, Rohan TE. Cervical co-infections with Human Papillomavirus (HPV) types as predictors of acquisition and persistence of HPV infection. *J Infect Dis.* **184**:1508-1517, 2001.
63. Schlecht NF, Kulaga S, Robitaille J, Ferreira S, Santos M, Miyamura RA, Duarte-Franco E, Rohan TE, Ferenczy A, **Villa LL**, Franco EL. Persistent Human Papillomavirus infection as a predictor of cervical intraepithelial neoplasia. *JAMA.* **286**(24):3106-3114, 2001.
64. Schlecht NF, Franco EL, Rohan TE, Kjaer SK, Schiffman MH, Moscicki A-B, Duffy SW. For The Marsh International Collaborative Group. Repeatability of sexual history in longitudinal studies on HPV infection and cervical neoplasia: determinants of reporting error at follow-up interviews. *J Epidemiol Bioestat.* **6**(5):393-407, 2001.
65. Dalla Torre CA, Maciel RMB, Pinheiro NA, Andrade JAD, De Toledo SRC, **Villa LL**, Cerutti JM. Trap-silver staining, a highly sensitive assay for measuring telomerase activity in tumor tissue and cell lines. *Braz J Med Biochem Res.* **35**: 65-68, 2002.
66. Nonnenmacher B, Breitenbach V, **Villa LL**, Prolla JC, Bozzetti MC. Identificação do papilomavírus

- humano por biologia molecular em mulheres assintomáticas. *Rev Saúde Pública.* **36**(1):95-100, 2002.
67. Lopes A, Bezerra ALR, Pinto CAL, Serrano SV, Mello CA, **Villa LL**. p53 as a new prognostic factor for lymph node metastasis in penile carcinoma: analysis of 82 patients treated with amputation and bilateral lymphadenectomy. *J Urol.* **168**:81-86, 2002.
 68. Maciag PC^s, Schlecht NF, Souza PSA, Franco EL, Rohan T, **Villa LL***. Polymorphism of the human leucocyte antigen DRB1 and DQB1 genes and the natural history of human papillomavirus infection. *J Infect Dis.* **186**:164-172, 2002.
 69. Picconi A, Gronda J, Alonio LV, **Villa LL**, Sichero L, Miranda S, Bárcena M, Teyssié A. Virus Papiloma Humano (HPV) en Mujeres Quechuas Jujeñas, con alta Frecuencia de Cancer de Cuello Uterino: Tipos Virales y Variantes de HPV16. *Medicina* (Buenos Aires). **62**(3):209-220, 2002.
 70. **Villa LL**, Bernard H-U, Kast M, Hildesheim A, Amestoy G, Franco EL. Past, present and future of HPV research: highlights from the 19th International Papillomavirus Conference-HPV2001. *Virus Res.* **89**(2):163-173, 2002.
 71. Schlecht N, Trevisan A, Duarte-Franco E, Rohan TE, Ferenczy A, **Villa LL**, Franco EL. Viral load as a predictor of lesion risk in the natural history of cervical intraepithelial neoplasia. *Int J Cancer* **103**(4): 519-524, 2003.
 72. Picconi MA, Alonio LV, Sichero L, Mbayed V, **Villa LL**, Gronda J, Campos E, Teyssie A.R. Human Papillomavirus type-16 variants in quechua aboriginals from Argentina. *J Medical Virol.* **69**(4):546-552, 2003.
 73. Nonnenmacher B, Pintos J, Bozzetti MC, Mielzinska-Lohnas I, Lorincz AT, Ikuta N, Schwartzmann, **Villa LL**, Schiller JT, Franco E. Epidemiologic correlates of antibody response to Human Papillomavirus among women at low risk of cervical cancer. *Intl J STD AIDS* **14**(4):258-265, 2003.
 74. Badal V, Chuang LSH, An Hwee-Hong E, Badal S, **Villa LL**, Wheeler CM, Li BFL, Bernard H-U. CpG Methylation of Human Papillomavirus-16 DNA in Cervical Cancer Cell Lines and in Clinical Specimens: Genomic Hypomethylation Correlates with Carcinogenic Progression. *J Virol.* **77**(11): 6227-6234, 2003.
 75. Rabelo-Santos SH, Zeferino LC, **Villa LL**, Pereira-Sobrinho J, Amaral RG, Magalhães AV. Human Papillomavirus prevalence among women with cervical intraepithelial neoplasia III and invasive cervical cancer from Goiânia-Brazil. *Mem Inst Oswaldo Cruz.* **98**(2):181-184, 2003.
 76. Iftner T, **Villa LL**. HPV Technologies. *J Natl Cancer Inst.* **31**:80-88, 2003.
 77. Rousseau MC, **Villa LL**, Costa MC, Abrahamowicz M, Rohan TE, Franco EL. Occurrence of Cervical Infection with Multiple Human Papillomavirus Types is Associated with Age and Cytologic Abnormalities. *Sexual Transm Dis.* **30**(7):581-587, 2003.
 78. Palazzi MA, Yunes JA, Cardinalli IA, Stangenhuis GP, Ferreira AS, Sobrinho JSP, **Villa LL**. Detection of oncogenic Human Papillomavirus in sporadic retinoblastoma. *Acta Ophthalmol. Scandinavica.* **81**(4):396-398, 2003.
 79. Schlecht NF, Platt RW, Duarte-Franco E, Costa MC, Sobrinho JP, Prado JCM, Ferenczy A, Rohan TE, **Villa LL**, Franco EL. Human Papillomavirus Infection and time to progression and regression of cervical intraepithelial neoplasia. *J Natl Cancer Inst.* **95**(17):1336-1343, 2003.
 80. Rousseau MC, Abrahamowicz M, **Villa LL**, Costa MC, Rohan TE, Franco EL. Predictors of Cervical

- Coinfection with Multiple Human Papillomavirus Types. *Cancer Epidemiol Biom. Prev.* **12**(10):1029-1037, 2003.
81. Schlecht NF, Platt RW, Negassa A, Duarte-Franco E, Rohan TE, Ferenczy A, **Villa LL**, Franco EL. Modeling the time dependence of the association between Human Papillomavirus infection and cervical cancer precursor lesions. *Am J Epidemiol.* **158**(9):878-886, 2003.
 82. Giuliano AR, Siegel EM, Roe D, Ferreira S, Baggio ML, Galan L, Duarte-Franco E, **Villa LL**, Rohan T, Marshall J, Franco EL. Dietary Intake and Risk of Persistent HPV Infection: the Ludwig-McGill HPV Natural History Study. *J Infect Dis.* **188**(10):1508-1516, 2003.
 83. de Araujo Souza PSA[§], **Villa LL***. Genetic susceptibility to infection with human papillomavirus and development of cervical cancer in women in Brazil. *Reviews. Mut Res.* **544**(2-3): 375-383, 2003.
 84. **Villa LL**. Vaccines against papillomavirus infections and disease. *Salud Pública de México.* **45**(3):S443-448, 2003.
 85. Coelho FR, Prado JC, Pereira-Sobrinho JS, Hamada G, Landman G, Pinto, AP, Nonogaki S, **Villa LL**. Estrogen and progesterone receptors in human papilloma virus-related cervical neoplasia. *Braz J Med Biol Res.* **37**(1):83-88, 2004.
 86. Pinto AP[§], Schlecht NF, Pintos J, Kaiano J, Franco EL, Crum CP, **Villa LL***. Prognostic significance of lymph node variables and human papillomavirus DNA in invasive vulvar carcinoma. *Gynecol Oncol.* **92**(3):856-865, 2004.
 87. Cortezzi SS, Provazzi PJ, Sobrinho JS, Mann-Prado JC, Reis PMP, Freitas SEN, Gósi Fo, JF, Fukuyama E, Cordeiro JA, Cury PM, Maniglia JV, **Villa LL**, Tajara EH, Rahal P. Analysis of Human Papillomavirus (HPV) Prevalence and TP53 Polymorphism in Head and Neck Squamous Cell Carcinomas. *Cancer Genet Cytogenet.* **150**(1):44-49, 2004.
 88. Poli MC[§], **Villa LL**, Colella R, Deheinzeln D. Molecular evidence of tumour cell removal from salvaged blood after irradiation and leucocyte depletion. *Transfus Med.* **14**(2):151-155, 2004.
 89. Boccardo E[§], Noya F, Broker TR, Chow L, **Villa LL***. HPV-18 confers resistance to TNF- α in organotypic cultures of human keratinocytes. *Virology* **328**(2):233-243, 2004.
 90. Siegel EM, Craft NE, Roe DJ, Duarte-Franco E, **Villa LL**, Franco EL, Giuliano AR. Temporal variation and identification of factors associated with endogenous retinoic acid isomers in serum from Brazilian women. *Cancer Epidemiol Biomarkers Prev.* **13**(11 Pt 1):1693-1703, 2004.
 91. Fernandes JV[§], Meissner RV, Fernandes TAAM, Rocha LRMR, Cabral MC, **Villa LL***. Comparação de três protocolos de extração de DNA a partir de tecido fixado em formol e incluído em parafina. *J Bras Patol Med Lab.* **40**(3):141-146, 2004.
 92. Sichero L[§], Franco EL, **Villa LL***. Different P105 promoter activities among natural variants of Human Papillomavirus type 18. *J Infect Dis.* **191**(5):739-742, 2005.
 93. Calleja-Macias IE, Kalantari M, Allen B, Williamson A-L, Ping Chung L, Zuna RE, Rojas-Martinez A, Barrera-Saldaña HA, Cubie HA, **Villa LL**, Bernard H-U. Papillomavirus "Subtypes" are Natural and Old Taxa: Phylogeny of the Human papillomavirus (HPV) Types 44/55 and 68a/b. *J Virol.* **79**(10):6565-6569, 2005.
 94. **Villa LL**, Costa RLR, Petta C A, Andrade RP, Ault KA, Giuliano AR, Wheeler CM, Koutsky LA, Malm C, Lehtinen M, Skjeldestad FE, Olsson S-E, Steinwall M, Brown DR, Kurman RJ, Ronnett

- BM, Stoler MH, Ferenczy A, Harper DM, Tamms GM, Yu J, Lupinacci L, Railkar R, Taddeo FJ, Jansen KU, Esser MT, Singhs HL, Saah AJ, Barr, E. Prophylactic Quadrivalent Human Papillomavirus (Types 6,11,16 and 18) L1 Virus-Like Particle Vaccine in Young Women: a randomized, double-blind, placebo-controlled multicentre phase II efficacy trial. *Lancet Oncol.* **6**(5):271-278, 2005.
95. Prado JC[§], Calleja-Macias IE, Bernard H-U, Kalantari M, Mackay S, Allan B, Williamson A-L, Chung L-P, Collins RJ, Zuna RE, Dunn ST, Ortiz-Lopez R, Barrera-Saldaña HA, Cubie HA, Cuschieri K, Von Knebel-Doeberitz M, Sanchez GI, Bosch FX, **Villa LL***. Worldwide genomic diversity of the human papillomaviruses-53, 56, and 66, a group of high-risk HPVs unrelated to HPV-16 and HPV-18. *Virology* **340**(1):95-104, 2005.
96. **Villa LL**. Prophylactic HPV vaccines: Reducing the burden of HPV-related diseases. *Vaccine.* **24** Suppl 1:S23-S28, 2005
97. Calleja-Macias IE, **Villa LL**, Prado JC, Kalantari M, Allan BA, Williamson A-L, Chung LP, Collins RJ, Zuna RE, Dunn ST, Chu T-Y, Cubie HA, Cuschieri K, Von Knebel-Doeberitz M, Sanchez GI, Munoz N, Martins CR, Bernard H-U. Worldwide genomic diversity of the high-risk human papillomaviruses-31, 35, 52, and 58, four close relatives of HPV-16. *J Virol.* **79**(21):13630-13640, 2005.
98. Queiroz C, Silva TC, Alves VA, **Villa LL**, Costa MC, Travassos AG, Filho JB, Studart E, Cheto T, De Freitas LA, Silva, TC. P16INK4a expression as a potential prognostic marker in cervical pre-neoplastic and neoplastic lesions. *Pathol Res Pract.* **202**(2):77-83, 2006.
99. Aires KA, Cianciarullo AM, Carneiro SM, **Villa LL**, Boccardo EM, Pérez-Martinez G, Perez-Arellano I, Oliveira MLS, Ho PL. Production of Human Papillomavirus Type 16 L1 Virus-Like Particles by Recombinant *Lactobacillus casei* Cells. *Appl Environ Microbiol.* **72**(1):745-752, 2006.
100. Frazer IH, Cox JT, Mayeaux EEJ Jr, Franco EL, Moscicki AB, Palefsky JM, Ferris DG, Ferenczy AS, **Villa LL**. Advances in prevention of Cervical Cancer and Other Human Papillomavirus-Related Diseases. *Pediatr Infect Dis J.* **25**(2 Suppl):S65-S81, 2006.
101. Rombaldi RL, Serafini EP **Villa LL**, Vanni AC, Barea J, Frassini R, Xavier M. Infection with human papillomaviruses of sexual partners of women having cervical intraepithelial neoplasia. *Braz J Med Biochem Res.* **39**(2):177-187, 2006.
102. Turan T, Kalantari M, Calleja-Macias IE, Cubie HA, Cuschieri K, **Villa LL**, Skomedal H, Barrera-Saldaña HA, Bernard H-U. Methylation of the human papillomavirus-18 L1 gene: A biomarker of neoplastic progression? *Virology.* **349**(1):175-183, 2006.
103. do Sacramento PR, Babeto E, Colombo J, Ruback MJC, Bonilha JL, Fernandes AM, Pereira Sobrinho JS, de Souza FP, **Villa LL**, Rahal P. The prevalence of human papillomavirus in the oropharynx in healthy individuals in a Brazilian population. *J Med Virol.* **78**(5):614-618, 2006.
104. **Villa LL**. Vacunas contra infección y enfermedad causadas por papilomavirus. (Vaccines against papillomavirus infections and disease) *Rev Chilena Infectol.* **23**(2):157-163, 2006.
105. Sichero L[§], **Villa LL***. Epidemiological and Functional Implications of molecular variants of human papillomavirus. *Braz J Med Biol Res.* **39**(6):707-717, 2006.
106. **Villa LL**, Ault KA, Giuliano AR, Costa RL, Petta CA, Andrade RP, Brown DR, Ferenczy A, Harper DM, Koutsky L, Kurman RJ, Lehtinen M, Malm C, Olsson S-E, Ronnett B, Skjeldestad FE, Steinwall M, Stoler MH, Wheeler CM, Taddeo FJ, Yu, J, Lupinacci L, Railkar R, Marchese R, Esser MT, Bryan J, Jansen KU, Singhs HL, Tamms G, Saah AJ, Barr E. Immunologic responses following

- administration of a vaccine targeting Human Papillomavirus types 6, 11, 16 and 18. *Vaccine* **24**(27-28):5571-5583, 2006.
107. Linhares AC, **Villa LL**, Vaccines against rotavirus and human papillomavirus (HPV). *J Pediatr.* **82**(3 Suppl):S25-S34, 2006.
 108. Trottier H, Mahmud S, Costa MC, Sobrinho JP, Duarte-Franco E, Rohan TE, Ferenczy A, **Villa LL**, Franco EL. Human Papillomavirus Infections with Multiple Types and Risk of Cervical Neoplasia. *Cancer Epidemiol Biomarkers Prev.* **15**(7):1274-1280, 2006.
 109. Tonon SA, Basiletti J, Badano I, Alonio LV, **Villa LL**, Teyssie AR, Picconi M.A. Human papillomavirus type 16 molecular variants in Guarani Indian women from Misiones, Argentina. *Int J Infect Dis.* **11**(1):76-81, 2006.
 110. Clifford G, Franceschi S, Diaz M, Munoz N, **Villa LL**, Chapter 3: HPV type-distribution in women with and without cervical neoplastic diseases. *Vaccine.* **24** Suppl 3:S26-34, 2006.
 111. Moscicki AB, Schiffman M, Kjaer S, **Villa LL**, Chapter 5: Updating the natural history of HPV and anogenital cancer. *Vaccine.* **24** Suppl 3-S42-51, 2006.
 112. Khouadri S, **Villa LL**, Gagnon S, Koushik A, Richardson H, Ferreira S, Tellier P, Simão J, Matlashewski G, Roger M, Franco EL, Coutlée F. Human Papillomavirus Type 33 Polymorphisms and High-Grade Squamous Intraepithelial Lesions of the Uterine Cervix. *J Infect Dis.* **194**(7):886-894, 2006.
 113. Queiroz C, Silva TC, Alves VA, **Villa LL**, Costa MC, Travassos AG, Filho JB, Studart E, Cheto T, De Freitas LA. Comparative study of the expression of cellular cycle proteins in cervical intraepithelial lesions. *Pathol Res Pract.* **202**(10):731-737, 2006.
 114. Rabelo-Santos S, **Villa LL**, Derchain SF, Ferreira S, Sarian LO, Angelo-Andrade LAL, Do Amaral Westin MC, Zeferino LC. Variants of Human Papillomavirus 16 and 18: histological findings in women referred for atypical glandular cells or adenocarcinomas in situ in cervical smear. *Int J Gynecol Pathol.* **25**(4):393-397, 2006.
 115. Schlecht NF, Trevisan A, Baggio ML, Galan L, Duarte-Franco E, Greenberg M.D, Rohan TE, Ferenczy A, **Villa LL**, Franco EL. Lack of agreement between cervicography and cytology and the effect of human papillomavirus infection and viral load. *J Low Genit Tract Dis.* **10**(4):229-237, 2006.
 116. **Villa LL***, Costa RLR, Petta CA, Andrade RP, Paavonen J, Iversen O-E, Olsson S-E, Hoyer J, Steinwall M, Riis-Johannessen G, Andersson-Ellstrom A, Elfgren K, Von Krogh G, Lehtinen M, Malm C, Tamms GM, Mstat, KG, Lupinacci L, Railkar R, Taddeo FJ, Bryan J, Esser MT, Sings HL, Saah AJ, Barr E. High Sustained Efficacy of a Prophylactic Quadrivalent Human Papillomavirus (HPV) Types 6/11/16/18 L1 Virus-Like Particle (VLP) Vaccine Through Five Years of Follow-Up. *Br J Cancer.* **95**(11):1459-1466, 2006.
 117. da Silva Cardeal LB, Brohem CA, Corrêa TC, Winnischofer SM, Nakano F, Boccardo E, **Villa LL**, Sogayar MC, Maria-Engle, SS. Higher expression and activity of metalloproteinases in human cervical carcinoma cell lines is associated with HPV presence. *Biochem Cell Biol.* **84**(5):713-719, 2006.
 118. Quint WGV, Pagliusi SR, Lelie N, De Villiers E-M, Wheeler CM and The World Health Organization Human Papillomavirus Dna International Collaborative Study Group. Results of the First World Health Organization International Collaborative Study of Detection of Human Papillomavirus DNA. *J Clin Microbiol.* **44**(2):571-579, 2006.

119. Poli MC, Colella R, **Villa LL**, Deheinzelin D. Molecular evidence of tumour cell removal from salvaged blood after irradiation and leukocyte depletion: the search must go on. *Transfusion Med.* **16**(3):215-216, 2006.
120. Siegel EM, Craft NE, Duarte-Franco E, **Villa LL**, Franco EL, Giuliano AR, Associations between serum carotenoids and tocopherols and type-specific HPV persistence: The Ludwig-McGill cohort study. *Int J Cancer.* **120**(3):672-680, 2006.
121. Sichero L[§], Ferreira S, Trottier H, Duarte-Franco E, Ferenczy A, Franco EL, **Villa LL***. High grade cervical lesions are caused preferentially by non-European variants of HPVs 16 and 18. *Int J Cancer.* **120**(8):1763-1768, 2007.
122. Sichero L[§], Trottier H, Ferreira S, Duarte-Franco E, Franco EL, **Villa LL***. Human papillomavirus type 16 and 18 variants: race-related distribution and persistence. *J Natl Cancer Inst.* **99**(8):653-654, 2007.
123. Olsson S-E, **Villa LL**, Costa RL, Petta CA, Andrade RP, Malm C, Iversen O-E, Hoyer J, Steinwall M, Riis-Johannessen G, Andersson-Ellstrom A, Elfgren K, Von Krog G, Lehtinen M, Paavonen J, Tamms GM, Mstat KG, Lupinacci L, Esser MT, Vuocolo SC, Saah AJ, Barr E. Induction of Immune Memory following administration of a prophylactic quadrivalent human papillomavirus (HPV) types 6/11/16/18 L1 Virus-Like Particle (VLP) vaccine. *Vaccine.* **25**(26):4931-4939, 2007.
124. Kim JJ, Kuntz KM, Stout NK, Mahmud S, **Villa LL**, Franco EL, Goldie SJ. Multi-Parameter Calibration of a Natural history model of Cervical Cancer. *Am J Epidemiol.* **166**(2):137-150, 2007.
125. Khouadri S, **Villa LL**, Gagnon S, Koushik A, Richardson H, Matlashewski, Roger M, Ferenczy AS, Franco EL, Coutlée F. Viral load of episomal and integrated forms of Human papillomavirus type 33 in High-grade squamous intraepithelial lesions of the uterine cervix. *Int J Cancer.* **121**(12):2674-2681, 2007.
126. Villegas J, Burzio V, Villota C, Landerer E, Santander M, Martinez R, Pinto R, Vera MI, Boccardo E, **Villa LL**, Burzio LO. Expression of a novel non-coding mitochondrial RNA in human proliferating cells. *Nucleic Acids Res.* **35**(21):7336-7347, 2007.
127. Boccardo E, **Villa LL**. Viral Origins of Human Cancer. *Curr Med Chem.* **14**:2526-2539, 2007.
128. **Villa LL**. Overview of the clinical development and results of a quadrivalent HPV (types 6, 11, 16, 18) vaccine. *Int J Inf Dis.* **11**(2) S17-S25, 2007.
129. FUTURE II STUDY GROUP. (includes **Villa LL**). Quadrivalent vaccine against human papillomavirus to prevent high-grade cervical lesions. *N Engl J Med.* **356**(19):1915-1927, 2007
130. Ault KA and FUTURE II STUDY GROUP. Effect of prophylactic human papillomavirus L1 virus-like-particle vaccine on risk of cervical intraepithelial neoplasia grade 2, grade 3, and adenocarcinoma in situ: a combined analysis of four randomised clinical trials. *Lancet* **369**(9576):1861-1868, 2007
131. FUTURE II STUDY GROUP (includes **Villa LL**). Prophylactic efficacy of a quadrivalent human papillomavirus (HPV) vaccine in women with virological evidence of HPV infection. *J Infect Dis.* **196**(10):1438-1446, 2007
132. Giuliano AR, Lazcano-PonceE, **Villa L**, Nolan T, Marchant C, Radley D, Golm G, McCarroll K, Yu J, Esser MT, Vuocolo SC, Barr E. Impact of Baseline Covariates on the Immunogenicity of a Quadrivalent (Types 6, 11, 16, and 18) Human Papillomavirus Virus-Like-Particle Vaccine. *J Infect Dis.* **196**(8):1153-1162, 2007

133. **Villa LL**, HPV Study group in men from Brazil, USA and Mexico. Human Papillomavirus infection in men residing in Brazil, Mexico, and the USA. *Salud Publica Mex* **50**:408-418, 2008
134. Perez G, Lazcano-Ponce E, Hernandez-Avila M, Garcia PJ, Muñoz N, **Villa LL**, Vuocolo S, Bryan J, Taddeo FJ, Lu S, Esser MT, Sattler C, Barr E. Safety, immunogenicity, and efficacy of quadrivalent HPV (types 6,11,16,18) L1 virus-like particle vaccine in Latin American women. *Int. J. Cancer*. **122**(6):1311-1318, 2008.
135. Gonçalves MA, Randl G, Arslan A, **Villa LL**, Burattini MN, Franceschi S, Donadi EA, Massad E. HPV type infection in different anogenital sites among HIV-positive Brazilian women. *Infect Agent Cancer*. **14**:3-5, 2008.
136. Trottier H, Mahmud S, Prado JC, Sobrinho JS, Costa MC, Rohan TE, **Villa LL**, Franco EL. Type-specific Duration of Human Papillomavirus infection: Implications for HPV screening and vaccination. *J Infect Dis*. **197**(10):1436-1437, 2008
137. Termini L, Boccardo E, Esteves GH, Hirata-Jr R, Martins WK, Colo AEL, Neves, EJ, **Villa LL**, Reis LFL. Characterization of global transcription profile of normal and HPV-immortalized keratinocytes and their response to TNF treatment. *BMC Med Genomics*. **27**:1-29, 2008.
138. Stanley M, **Villa LL**. Monitoring HPV Vaccination. *Vaccine*. **26**:Suppl.1:A24-A27, 2008.
139. Junes-Gill K[§], Sichero L, Maciag PC, Mello W, Noronha V, **Villa LL***. Human papillomavirus type 16 variants in cervical cancer from an admixed population in Brazil. *J Med Virol*. **80**(9):1639-1645, 2008.
140. Kalantari M, **Villa LL**, Calleja-Macias IE, Bernard U. Human Papillomavirus-16 and 18 in Penile Carcinomas: DNA Methylation, Chromosomal Recombination, and Genomic Variation. *Int J Cancer*. **123**(8):1832-1840, 2008.
141. Giuliano AR, Lazcano-Ponce E, **Villa LL**, Flores R, Salmeron J, Lee J-H, Papenfuss MR, Abrahamsen M, Jolles E, Nielson CM, Baggio ML, Silva R, Quiterio M. The Human Papillomavirus Infection in Men (HIM) Study: Human Papillomavirus Prevalence and Type Distribution among Men Residing in Brazil, Mexico, and the United States. *Cancer Epidemiol Biomarkers Prev*. **17**(8):2036-2043, 2008.
142. de Araujo Souza PS[§], Maciag PC, Ribeiro K, Petzl-Erlor ML, Franco EL, **Villa LL***. Interaction between polymorphisms of the Human Leukocyte Antigen and HPV-16 Variants on the risk of invasive cervical cancer. *BMC Cancer* **8**:246, 2008.
143. Schiller JT, Castellsagué X, **Villa LL**, Hildesheim A. An update of prophylactic human papillomavirus L1 virus-like particle vaccine clinical trial results. *Vaccine*. **26** Suppl 10:K53-61, 2008.
144. Joura EA, Kjaer SK, Wheeler CM, Sigurdsson K, Iversen O-E, Hernandez-Avila M, Perez G, Brown DR, Koutsky LA, Tay EH, García P, Ault KA, Garland SM, Leodolter S, Olsson S-E, Tang GWK, Ferris DG, Paavonen J, Lehtinen M, Steben M, Bosch X, Dillner J, Kurman RJ, Majewski S, Muñoz N, Myers ER, **Villa LL**, Taddeo FJ, Roberts C, Tadesse A, Bryan J, Lupinacci LC, Giacoletti KED, Lu S, Vuocolo S, Hesley TM, Haupt R, Barr E. Hpv antibody levels and clinical efficacy following administration of a prophylactic quadrivalent HPV vaccine. *Vaccine* **26**(52):6844-6851, 2008
145. **Villa LL**, – Assessment of new technologies for cervical cancer screening. *Lancet Oncol*. **(10)**:910-911, 2008.

146. Termini L, **Villa LL**. Biomarcadores na Triagem do Câncer do Colo Uterino (Biomarkers in Cervical Cancer Screening). *DST-J Bras Doenças Sex Transm.* **20**(2):125-131, 2008.
147. Paavonen J. and Future II Study Group (Villa LL, Muñoz N, Perez G, Krüger Kjaer S, Paavonen J, Lehtinen M, Sigurdsson K, Hernandez-Avila M, Iversen OE, García P, Majewski S, Tay EH, Bosch FX, Dillner J, Olsson SE, Ault K, Brown D, Ferris D, Koutsky L, Kurman R, Myers E, Barr E, Bryan J, Boslego J, Esser M, Hesley T, Lupinacci L, Railkar R, Saah A, Sattler C, Taddeo F, Thornton A, Vuocolo S. Baseline demographic characteristics of subjects enrolled in international quadrivalent HPV (types 6/11/16/18) vaccine clinical trials. *Curr Med Res Opin.* **24**(6):1623-1634, 2008.
148. Poli M, Camargo A, **Villa LL**, Moura R, Colella R, Deheinzelin D. Intraoperative autologous blood recovery in prostate cancer surgery: *in vivo* validation using a tumour marker. *Vox Sang.* **95**(4):308-312, 2008.
149. Spence AR, Trottier H, Mahmud SM, Prado JCM, Sobrinho JS, Costa MC, Rohan TE, **Villa LL**, Franco EL. Cigarette Smoking and the Natural History of Human Papillomavirus Infection. *Epidemiology* (20.03.08).
150. Giuliano, AR, Lazcano-Ponce E, **Villa LL**, Flores R, Salmeron J, Lee J-H, Papenfuss M, Abrahamsen M, Baggio ML, Silva R, Quiterio M. Circumcision and Sexual Behavior: Factors Independently Associated with Papillomavirus (HPV) Detection among Men in the HIM Study. *Int J Cancer* **124**(6):1251-1257, 2009.
151. Fernandes JV⁵, De Vasconcellos Meissner R, De Carvalho MG, De Medeiros TA, De Azevedo PR, **VILLA LL***. Prevalence of HPV infection by cervical cytologic status in Brazil. *Int J Gynaecol Obstet.* **105**(1):21-24, 2009
152. Wheeler CM, Kjaer SK, Sigurdsson K, Iversen OE, Hernandez-Avila M, Perez G, Brown DR, Koutsky LA, Tay EH, Garcia P, Ault KA, Garland SM, Leodolter S, Olsson SE, Tang GW, Ferris DG, Paavonen J, Steben M, Bosch FX, Dillner J, Joura EA, Kurman RJ, Majewski S, Munoz N, Myers ER, **Villa LL**, Taddeo FJ, Roberts C, Tadesse A, Bryan J, Lupinacci LC, Giacoletti KE, Singhs HL, James M, Hesley TM, Barr E. The impact of Quadrivalent Human Papillomavirus (HPV: Types 6,11,16 and 18) L1 Virus-Like-Particle Vaccine on Infection and Disease Due to Oncogenic Nonvaccine HPV Types in Sexually Active Women aged 16-26 Years. *J Infect Dis.* **199**(7):936-944, 2009.
153. Brown DR, Kjaer SR, Sigurdsson K, Iversen OE, Hernandez-Avila M, Wheeler CM, Perez G, Koutsky LA, Tay EH, Garcia P, Ault KA, Garland SM, Leodolter S, Olsson SE, Tang GW, Ferris DG, Paavonen J, Steben M, Bosch FX, Dillner J, Joura EA, Kurman RJ, Majewski S, Munoz N, Myers ER, **Villa LL**, Taddeo FJ, Roberts C, Tadesse A, Bryan J, Lupinacci LC, Giacoletti KE, Singhs HL, James M, Hesley TM, Barr E. The impact of Quadrivalent Human Papillomavirus (HPV: Types 6,11,16 and 18) L1 Virus-Like-Particle Vaccine on Infection and Disease Due to Oncogenic Non-vaccine HPV Types in Generally HPV-Naive Women aged 16-26 Years. *J Infect Dis.* **199**(7):926-935, 2009.
154. Lepique, AP, Rabachini T, **Villa LL**. HPV Vaccination: The beginning of the end cervical cancer? *Memórias do Instituto Oswaldo Cruz – MIOC.* **104**(1):1-10, 2009.
155. Tomita LY, Almeida LC, Roteli-Martins C, D'Almeida V, Cardoso MA; BRINCA Study Team. Dietary predictors of serum total carotene in low-income living in São Paulo, south-east Brazil. *Public Health Nutr.* **12**(11):2133-2142, 2009.
156. Burzio VA, Villota C, Villegas J, Landerer E, Boccardo E, **Villa LL**, Martinez R, Lopez C, Gaete F, Toro V, Rodriguez X, Burzio LO. Expression of a family of non-coding mitochondrial RNAs distinguishes normal from cancer cells. *Proc Natl Acad Sci USA.* **106**(23):9430-9434, 2009.

157. Fedrizzi EN, **Villa LL**, Souza IV, Sebastião APM, Urbanetz AA, De Carvalho NC, Does Human Papillomavirus (HPV) play a role in endometrial carcinogenesis? *Int J Gynecol Pathol.* **28**(4):322-327, 2009.
158. Lepique AP, Dagasthanli KR, Cuccovia IM, **Villa LL**. HPV 16 tumor associated macrophages suppress anti-tumor T cell responses. *Clin Cancer Res.* **15**(13):4391-4400, 2009.
159. Rabelo-Santos SH, Derchain SFM, **Villa LL**, Costa MC, Sarian LOZ, Westin MCA, Kornegay L, Zeferino LC. Human papillomavirus specific genotypes in cervical lesions of women referred for smears with atypical glandular cells or adenocarcinoma in situ. *Int J Gynecol Pathol.* **28**(3):272-278, 2009.
160. Kjaer SK, Sigurdsson K, Iversen O-E, Hernandez-Avila M, Wheeler CM, Perez G, Brown DR, Koutsky LA, Tay EH, García P, Ault KA, Garland SM, Leodolter S, Olsson S-E, Tang GWK, Ferris DG, Paavonen J, Lehtinen M, Steben M, Bosch FX, Dillner J, Joura EA, Majewski S, Muñoz N, Myers ER, **Villa LL**, Taddeo FJ, Roberts C, Tadesse A, Bryan J, Maansson R, Lu S, Vuocolo S, Hesley TM, Saah A, Barr E, Haupt RM. A Pooled Analysis of Continued Prophylactic Efficacy of Quadrivalent Human Papillomavirus (Types 6/11/16/18) Vaccine against High-grade Cervical and External Genital Lesions. *Cancer Prev Res.* **2**(10):868-878, 2009.
161. Olsson S-E, Kjaer SK, Sigurdsson K, Iversen O-E, Hernandez-Avila M, Wheeler CM, Perez G, Brown DR, Koutsky LA, Tay EH, García P, Ault KA, Garland SM, Leodolter S, Tang GWK, Ferris DG, Paavoneen J, Lehtinen M, Steben M, Bosch FX, Dillner J, Joura EA, Majewski S, Muñoz N, Myers ER, **Villa LL**, Tadeo FJ, Roberts C, Tadesse A, Bryan J, Maansson R, Vuocolo S, Hesley TM, Saah A, Bar E, Haupt RM. Evaluation of quadrivalent HPV 6/11/16/18 vaccine efficacy against cervical and anogenital disease in subjects with serological evidence of prior vaccine type HPV infection. *Hum Vaccin.* **5**(10):696-704, 2009.
162. Nyitray AG, Kim J, Hsu Ch, Papenfuss M, **Villa LL**, Lazcano-Ponce E, Giuliano AR. Test-retested reliability of a sexual behavior interview for men residing in Brazil, Mexico, and the United States: the HPV in Men (HIM) Study. *Am J Epidemiol.* **170**(8):965-974, 2009.
163. Rama CH, **Villa LL**, Pagliusi S, Andreoli MA, Costa MC, Thomann P, Alves VV, Longatto-Fillho A, Eluf-Neto J. Opportunity for catch-up HPV vaccination in young women alter first delivery. *J Epidemiol Community Health.* **64**(7):610-615, 2010.
164. Nyitray AG, Smith D, **Villa L**, Lazcano-Ponce E, Abrahamsen M, Papenfuss M, Giuliano AR. Prevalence of and risk factors for anal human papillomavirus infection in men who have sex with women: A cross-national study. *J Infect Dis.* **201**(10):1498-1508. 2010.
165. Wilkinson DE, Baylis SA, Padley D, Heath AB, Ferguson M, Pagliusi SR, Quint WG, Wheeler CM on behalf of the Collaborative Study Group (includes **Villa LL**) Establishment of the 1st World Health Organization International Standards for Human Papillomavirus Type 18 DNA for Nucleic Acid Amplification Technology-Based Assays. *Int J Cancer* **126**(12):2969-2983, 2010.
166. Termini L[§], Maciag PC, Soares FA, Nonogaki S, Pereira S, Alves VAF, Longatto-Filho A, **Villa LL***. Analysis of Human Kallikrein 7 (hK7) expression as a Potencial Biomarker in Cervical Neoplasia. *Int J Cancer* **127**(2):485-490, 2010
167. Boccardo E, Manzini Baldi CV, Carvalho AF, Rabachini T, Torres C, Barreta LA, Brentani H, **Villa LL**. Expression of Human Papillomavirus type 16 E7 oncoprotein alters keratinocytes expression profile in response to Tumor Necrosis Factor- α . *Carcinogenesis.* **31**(3):521-531, 2010.

168. Ramanakumar AV, Thomann P, Candeias JM, Ferreira S, **Villa LL**, Franco EL. Use of the normalized absorbance ratio as an internal standardization approach to minimize measurement error in enzyme-linked immunosorbent assays for diagnosis of human papillomavirus infection. *J. Clin. Microbiol.* **48**(3):791-796, 2010.
169. Muñoz N, Kjaer SK, Sigurdsson K, Iversen O-E, Hernandez-Avila M, Wheeler CM, Perez G, Brown DR, Koutsk LA, Tay EH, Garcia PJ, Aula KA, Garland SM, Leodolter S, Olsson S-E, Tang GWK, Ferris DG, Paavoneen J, Steben M, Bosch FX, Dillner J, Huh WK, Joura EA, Kurgan RJ, Majewski S, Myers ER, **Villa LL**, Tadeo FJ, Roberts C, Tadesse A, Bryan JT, Lupinacci LC, Giacoletti KED, Sings HL, James M, Hesley TM, Barr E, Haupt RM. Impact of Human Papillomavirus (HPV)-6/11/16/18 Vaccine on All HPV-Associated Diseases in Young Women. *J. Ntl. Cancer Inst.* **102**(5):325-339, 2010.
170. Jiang L, Malpica A, Deavers MT, Guo M, **Villa LL**, Nuovo G, Merino MJ, Silva E. Endometrial endometrioid adenocarcinoma of the uterine corpus involving the cervix: some cases probably represent independent primaries. *Int J Gynecol Pathol.* **29**(2):146-156, 2010.
171. Fernandes JV[§], Meissner RV, Carvalho MG, Fernandes TA, Azevedo PR, Sobrinho JS, Prado JC, **Villa LL***. Prevalence of human papillomavirus in archival samples obtained from patients with cervical pre-malignant and malignant lesions from Northeast Brazil. *BMC Res Notes.* **3**(1):96, 2010.
172. Rabachini T[§], Trottier H, Franco EL, **Villa LL***. Validation of Dot Blot Hybridization and Denaturing High Performance Liquid Chromatography as Reliable methods for p53 codon 72 genotyping in molecular epidemiologic studies. *BMC Genet.* **11**(1):44, 2010.
173. Bolpetti A, Silva JS, **Villa LL**, Lepique AP. Interleukin-10 production by tumor infiltrating macrophages plays a role in Human Papillomavirus 16 tumor growth. *BMC Immunol.* **11**(1):27, 2010.
174. Luevano M, Bernard HU, Barrera-Saldaña HA, Trevino V, Garcia-Carranca A, **Villa LL**, Monk BJ, Tan X, Davies DH, Felgner PL, Kalantari M. High-throughput profiling of the humoral immune responses against thirteen human papillomavirus types by proteome microarrays. *Virology.* **405**(1):31-40,2010.
175. Siegel EM, Salemi JL, Craft NE, **Villa LL**, Ferenczy AS, Franco EL, Giuliano AR. No Association between Endogenous Retinoic Acid and Human Papillomavirus Clearance or Incident Cervical Lesions in Brazilian Women. *Cancer Prev Res.* **3**(8):1007-1014, 2010.
176. FUTURE I/II Study Group, Dillner J, Kjaer SM, Wheeler CM, Sigurdsson K, Iversen O-E, Hernandez-Avila M, Perez G, Brown Dr, Koutsky LA, Tay E-H, García P, Ault KA, Garland SM, Leodolter S, Olsson S-E, Tang Gwk, Ferris DG, Paavonen J, Lehtinen M, Steben M, Bosch FX, Joura EA, Majewski S, Muñoz N, Myers ER, **Villa LL**, Taddeo FJ, Roberts C, Tadesse A, Bryan JT, Maanson R, Lu S, Vuocolo S, Hesley TM, Barr E, Haupt R. Four year efficacy of prophylactic human papillomavirus (types 6, 11, 16, and 18) L1 virus-like particle vaccine against low-grade cervical, vulvar, and vaginal intraepithelial neoplasia and condylomata acuminata. *British Med J.* **341**:c3493, 2010.
177. Siegel EM, Salemi JL, **Villa LL**, Ferenczy A, Franco EL, Giuliano AR. Dietary consumption of antioxidant nutrients and risk of incident cervical intraepithelial neoplasia. *Gynecol Oncol.* **118**(3):289-294, 2010.
178. Boccardo E, Lepique AP, **Villa LL**. The role of Inflammation in HPV Carcinogenesis. *Carcinogenesis.* **31**(11):1905-1912, 2010.

179. Vanni T, Legood R., Franco E, **Villa LL**, Luz PM, Schwartzmann G. Economic evaluation of strategies for managing women with equivocal cytological results in Brazil. *Int J Cancer* **129**(3):671-679, 2010.
180. Raiol T, Amorim RM, Galante P, Martins CR, **Villa LL**, Sichero L. HPV-58 Molecular Variants Exhibit Different Transcriptional Activity. *Intervirology* **54**(3):146-150, 2010
181. Trottier H, Ferreira S, Thomann P, Costa MC, Sobrinho JS, Prado JCM, Rohan TE, **Villa LL**, Franco EL. Human Papillomavirus infection and re-infection in adult women: the role of sexual activity and natural immunity. *Cancer Res.* **70**(21):8569-8577, 2010.
182. Rama CH, **Villa LL**, Pagliusi S, Andreolli MA, Costa MC, Thomann P, Longatto-Filho A, Eluf-Neto J. Seroprevalence of Human Papillomavirus 6,11,16, and 18 in young primiparous women in Sao Paulo-Brazil. *Int J Gynecol Cancer.* **20**(8):1405-1410, 2010
183. Rama CH, **Villa LL**, Pagliusi S, Andreoli MA, Costa MC, Thomann P, Alves VAF, Longatto-Filho A, Eluf-Neto J. Opportunity for catch-up HPV Vaccination in young women after first delivery. *J Epidemiol Community Health.* **64**:610-615, 2010.
184. Tomita LY, Filho AL, Costa MC, Andreoli MA, **Villa LL**, Franco EL, Cardoso MA; for the Brazilian Investigation into Nutrition Cervical Cancer Prevention (BRINCA) Study Team. Diet and serum micronutrients in relation to cervical neoplasia and cancer among low-income brazilian women. *Int J Cancer* **126**(3):703-714. 2010
185. Rama CH, **Villa LL**, Pagliusi S, Andreoli MA, Costa MC, Aoki AL, Longatto-Filho A, Eluf-Neto J. Awareness and knowledge of HPV, cervical cancer, and vaccines in young women after first delivery in São Paulo, Brazil – a cross-sectional study. *BMC Womens Health* **10**(1):35, 2010
186. Tomita LY, Roteli-Martins CM, Villa LL, Franco EL, Cardoso MA. Associations of dietary dark-green and deep-yellow vegetables and fruits with cervical intraepithelial neoplasia: modification by smoking. *Br J Nutr.* **105**:928–937.2011.
187. Antoneli CBG, Ribeiro KB, Sredni ST, Arias VEA, Andreoli ma, Camargo B, Sobrinho JS, Prado JCM, Soares FA, **Villa LL**. Low Prevalence of HPV in Brazilian children with retinoblastoma *J Med Virol.* **83**(1):115-118, 2011.
188. Silva RJ[§], Casseb J, Andreoli MA, **Villa LL***. Persistence and clearance of HPV from the penis of men infected and non-infected with HIV. *J Med Virol.* **83**(1):127-131, 2011.
189. Nyitray AG, Silva RJC, Pinto MLBG, Lu B, Snith D, Abrahamsen M, Papenfuss M, **Villa LL**, Lazcano-Ponce E, Giuliano AR. Age-specific prevalence of and risk factors for anal human papillomavirus among men having sex with women and men having sex with men: The HIM study. *J Infec Dis.* **203**(1):49-57, 2011.
190. Kreimer A, **Villa A**, Nyitray A, Abrahamsen M, Papenfuss M, Smith D, Hildesheim a, Villa LL, Lazacno-Ponce e, Giuliano A. The epidemiology of oral HPV infection among a multinacional sample of healthy men. *Cancer Epidemiol Biomarkers Prev.* **20**(1):172-82, 2011.
191. **Villa LL**. HPV Prophylactic Vaccination: The first years and what to expect from now. *Cancer Lett.* **305**(2):106-12, 2011
192. Giuliano AR, Lee J-H, Fulp W, **Villa LL**, Lazcano E, Papenfuss MR, Abrahamsen M, Salmeron J, Anic GM, Rollison DE, Smith D. Incidence and clearance of genital human papillomavirus infection in men (HIM): a cohort study. *The Lancet* **377**(9769):932-940, 2011

193. Lu B, Viscidi R, Lee JH, Wu Y, **Villa LL**, Lazcano-Ponce E, Carvalho da Silva RJ, Baggio G, Pinto ML, Quiterio MQ, Salmeron J, Smith D, Abrahamsen ME, Papenfuss MR, Stockwell HG, Giuliano AR. Human Papillomavirus (HPV) 6, 11, 16 and 18 Seroprevalence is Associated with Age and Sexual Practice: Results from the Multi-National HPV Infection in Men Study (HIM Study). *Cancer Epidemiol Biomarkers Prev.* **20**(5); 990–1002, 2011.
194. Ribeiro AA, Figueiredo Alves RR, Costa MC, **Villa LL**, Zeferino LC, Mauricette Derchain SF, Dos Santos Carneiro MA, Rabelo-Santos SH. Association between HPV types and species groups and cervical neoplasia from a high-risk area for cervical cancer, Goiânia, Brazil. *Int J Gynecol Pathol.* **30**(3)288-294, 2011
195. Kaminagakura E, **Villa LL**, Andreoli MA, Simão J, Vartanian JG, Soares FA, Nishimoto IN, Rocha R, Kowalski LP. High-risk HPV in oral squamous cell carcinoma of young patients. *Int J Cancer* **130**(8):1726-1732, 2011
196. Zeferino LC, Rabelo-Santos SH, **Villa LL**, Sarian LO, Costa MC, do Amaral Westin MC, de Angelo-Andrade LA, Derchain S. Value of HPV-DNA test in women with cytological diagnosis of atypical glandular cells (AGC). *Eur J Obstet Gynecol Biol.* **159**(1):160-164, 2011.
197. Termini L[§], Longatto Filho A, Maciag PC, Etlinger D, Alves VAF, Nonogaki S, Soares FA, **Villa LL***. Deregulated expression of superoxide dismutase-2 correlates with different of cervical neoplasia. *Disease Markers* **20**(6):275-281, 2011
198. Siegel EM, Patel N, Lu B, Lee J-H, Nyitray AG, Craft NE, Frenkel K, **Villa LL**, Franco EL, Giuliano AR. Biomarkers of oxidant load and type-specific clearance of prevalent oncogenic human papillomavirus infection: markers of immune response? *Int J Cancer* **131**:219-228, 2011
199. Nyitray AG, Carvalho da Silva, RJ, Baggio ML, Lu B, Smith D, Abrahamsen M, Papenfuss M, Quiterio M, **Villa LL**, Giuliano AR. The prevalence of genital HPV and factors associated with oncogenic HPV among men having sex with men and men having sex with women and men: The HIM study. *Sex Transm Dis.* **38**(10)932-940, 2011
200. Nyitray AG, da Silva RJC, Baggio ML, Smith D, Abrahamsen M, Papenfuss M, Hui-Lin H-Y, Quiterio M, Salmerón J, Lazcano-Ponce E, **Villa LL**, Giuliano A. Six-month incidence, persistence and factors associated with persistence of anal human papillomavirus (HPV) in men. The HIM study. *J Infect Dis.* **204**(11):1711-1722, 2011
201. Soares PC, Ferreira S, **Villa LL**, Matos D. Identificação do papilomavírus humano em doentes com carcinoma de células escamosas do canal anal e sua relação com o grau de diferenciação celular e estadiamento. *Rev Bras Coloproct.* **31**(1):8-16, 2011
202. Anic GM, Lee JH, Stockwell H, Rollison DE, Wu Y, Papenfuss MR, **Villa LL**, Lazcano-Ponce E, Gage C, Silva RJ, Baggio ML, Quiterio M, Salmerón J, Abrahamsen M, Giuliano AR. Incidence and Human Papillomavirus (HPV) Type Distribution of Genital Warts in a Multinational Cohort of Men: The HPV in Men Study. *J Infect Dis.* **204**(12):1886-1892, 2011
203. Noronha VL, Cruz EM, Pinho CN, Mello WA, **Villa LL**, Russomano FR. Papilomavírus humano (HPV) em mulheres submetidas a rastreamento para câncer de cérvix uterina, Belém-Pará-Brasil. *J Bras Doenças Sex Transm.* **23**(1): 5-11, 2011
204. Schabath MB, **Villa LL**, Lazcano-Ponce E, Salmerón J, Quiterio M, Giuliano AR; for the HIM Study. Smoking and Human Papillomavirus (HPV) Infection in the HPV in Men (HIM) Study. *Cancer Epidemiol Biomarkers Prev.* **21**(1):102-110, 2012
205. Lu B, Viscidi RP, Wu Y, Lee JH, Nyitray AG, **Villa LL**, Lazcano-Ponce E, da Silva RJC, Baggio

- ML, Quiterio M, Salmerón J, Smith DC, Abrahamsen M, Papenfuss M, Stockwell HG, Giuliano AR. Prevalent Serum Antibody Is Not A Marker for Immune Protection against Acquisition Oncogenic HPV 16 in Men. *Cancer Res.* **72**(3):676-685, 2012.
206. Akogbe GO, Ajidahun A, Sirak B, Anic GM, Papenfuss MR, Abrahamsen M, **Villa LL**, Lazcano-Ponce E, Quiterio M, Smith D, Salmeron J, Giuliano AR. Race and prevalence of human papillomavirus infection among men residing in Brazil, Mexico, and the United States. *Int J Cancer* **1**(3):E282-E291, 2012
207. Vaccarella S, Plummer M, Franceschi S, Gravitt P, Papenfuss M, Smith D, **Villa L**, Ponce EL, Giuliano AR. Clustering of human papillomavirus (HPV) types in the male genital tract: the HPV in men (HIM) study. *J Infect Dis.* **204**(10):1500-1504, 2011
208. Anic GM, Lee JH, **Villa LL**, Lazcano-Ponce E, Gage C, José C Silva R, Baggio ML, Quiterio M, Salmerón J, Papenfuss MR, Abrahamsen M, Stockwell H, Rollison DE, Wu Y, Giuliano AR. Risk Factors for Incident Condyloma in a Multinational Cohort of Men: The HIM Study. *J Infect Dis.* **205**(5):789-793, 2012
209. Pinto AP, Degen M, **Villa LL**, Cibas ES. Immunomarkers in gynecologic cytology: the search for the ideal 'biomolecular papanicolaou test'. *Acta Cytol.* **56**(2):109-121, 2012.
210. Repp KK, Nielson CM, Fu R, Schafer S, Lazcano-Ponce E, Salmerón J, Quiterio M, **Villa LL**, Giuliano AR; for the HIM study. Male Human Papillomavirus Prevalence and Association With Condom Use in Brazil, Mexico, and the United States. *J Infect Dis.* **205**(8):1287-1293, 2012.
211. Siegel EM, Patel N, Lu B, Lee J-H, Nyitray AG, Huang X, **Villa LL**, Franco EL, Giuliano AR. Circulating Biomarkers of Iron Storage and Clearance of Incidence Human Papillomavirus Infection. *Cancer Epidemiol Biomarkers Prev.* **21**(5):859-865, 2012.
212. Cardeal LB, Boccardo E, Termini L, Rabachini T, Andreoli MA, di Loreto C, Filho AL, **Villa LL**, Maria-Engler SS. HPV16 Oncoproteins Induce MMPs/RECK-TIMP-2 Imbalance in Primary Keratinocytes: Possible Implications in Cervical Carcinogenesis. *PLoS One.* **7**(3):e33585, 2012.
213. Longatto Filho, **Villa LL**, Syrjänen K. Papillomavirus from the bench to the clinics. *J Oncol.* (Editorial) vol 2012, Article ID 437438,1 pag., 2012.
214. Villota C, Campos A, Vidaurre S, Oliveira-Cruz L, Boccardo E, Burzio VA, Varas M, Villegas J, **Villa LL**, Valenzuela PD, Socias M, Roberts S, Burzio LO. Expression of Mitochondrial Non-coding RNAs (ncRNAs) is Modulated by High Risk Human Papillomavirus (HPV) Oncogenes. *J. Biol Chem.* **287**(25):21303-21315, 2012
215. Barros NKS, Costa MC, Alves RRF, **Villa LL**, Derchain SFM, Zeferino LC, Carneiro MAS, Rabelo-Santos SH. Association of HPV infection and *Chlamydia trachomatis* seropositivity in cases of cervical neoplasia in Midwest Brazil. *J Med Virol.* **84**(7):1143-1150, 2012
216. Sichero L, Sobrinho JS, **Villa LL***. - Identification of novel cellular transcription factors that regulate HPVs 18 and 16 early promoters. *J Infect Dis.* **206**(6):867-874, 2012.
217. Sichero L, Simão Sobrinho J, **Villa LL***. Oncogenic potential diverge among human papillomavirus type 16 natural variants. *Virology* **432**(1):27-32, 2012
218. Lu B, Viscidi RP, Wu Y, Nyitray AG, **Villa LL**, Lazcano-Ponce E, Carvalho da Silva RJ, Baggio ML, Quiterio M, Salmeron J, Smith DC, Abrahamsen ME, Papenfuss MR, Giuliano AR. Seroprevalence of Human Papillomavirus (HPV) Type 6 and 16 Vary by Anatomic Site of HPV Infection in Men.

Cancer Epidemiol Biomarkers Prev. **21**(9):1542-1546, 2012

219. **Villa LL.** Cervical Cancer in Latin America and the Caribbean: The Problem and the Way to Solutions. *Cancer Epidemiol Biomarkers Prev.* **21**(9):1409-1413, 2012.
220. Tomita LY, D'Almeida V, Villa LL, Franco EL, Cardoso MA for the Brazilian Investigation into Nutrition and Cervical Cancer Prevention (BRINCA) Polymorphisms in genes involved in folate metabolism modify the association of dietary and circulating folate and vitamin B-6 with cervical neoplasia. *J Nutr.* **143**(12):2007-2014, 2013.
221. Tota JE, Ramanakumar AV, Mahmud SM, Trevisan A, **Villa LL**, Franco EL; the Ludwig-McGill Cohort Study Group. Cervical human papillomavirus detection is not affected by menstrual phase. *Sex Transm Infect.* **89**(3):202-206, 2013.
222. **Villa LL.** Viral carcinogenesis: virus implicated in cancer. *BMC Proc.* **7**(2):K11, 2013.
223. Chevarie-Davis, Ramanakumar AV, Ferenczy A, **Villa LL**, Franco EL; Ludwig-McGill Cohort Study. Assessment of the performance of algorithms for cervical cancer screening: Evidence from the Ludwig-McGill cohort study. *Gynecol Oncol.* **128**(3):415-419, 2013.
224. Albero G, **Villa LL**, Lazcano-Ponce E, Fulp W, Papenfuss MR, Nyitray AG, Lu B, Castellsagué X, Abrahamsen M, Smith D, Bosch FX, Salmerón J, Quiterio M, Giuliano AR. Male circumcision and prevalence of genital human papillomavirus infection in men: a multinational study. *BMC Infect. Dis.* **13**:18, 2013.
225. Calmon MF, Mota MT, Babeto E, Candido NM, Girol AP, Mendiburu CF, Bonilha JL, Silvestre RV, Rosa BM, Thomé JÁ, Medeiros GH, Soares FA, Guimarães GC, de Arruda JG, Oliani SM, **Villa LL**, Vassalo J, Rahal P. Overexpression of ANXA 1 in penile carcinomas positive for high-risk HPVs. *PLoS One* **8**(1):e53260, 2013.
226. Walter SD, Riddell CA, Rabachini T, **Villa LL**, Franco EL. Accuracy of p53 codon 72 polymorphism status determined by multiple laboratory methods: a latent class model analysis *PLoS One* **8**(2):e56430, 2013.
227. De Matos RP, Sichero L, Mansur IM, Bonfim CM, Bittar C, Nogueira RL, Küpper DS, Valera FC, Nogueira ML, **Villa LL**, Rahal P, Calmon MF. Nucleotide and phylogenetic analysis of human papillomavirus types 6 and 11 isolated from recurrent respiratory papillomatosis in Brazil. *Infect Genet Evol.* **16**:282-289, 2013.
228. Amaro-Filho SM, Golub JE, Nuovo GJ; Cunha CB, Levi JE, **Villa LL**, Andrade CV, Russomano FB, Tristão A, Pires A, Nicol AF. Comparative analysis of biomarkers in the invasive cervical cancer: correlation with HPV type. *PLoS One* **8**(3) e57810, 2013.
229. Betiol J, **Villa LL**, Sichero L. Impact of HPV infection on the development of head and neck cancer. *Braz J Med Biol Res.* **46**(3):217-226, 2013.
230. Fregnani JH, Carvalho AL, Eluf-Neto J, Ribeiro Kde C, Kuil Lde M, da Silva TA, Rodrigues SL, Mauad EC, Longatto-Filho A, **Villa LL**. A school-based human papillomavirus vaccination program in barretos, Brazil: final results of a demonstrative study. *PLoS One* **8**(4) e62647, 2013.
231. Pierce Campbell CM, Lin HY, Fulp W, Papenfuss MR, Salmerón JJ, Quiterio MM, Lazcano-Ponce E, **Villa LL**, Giuliano AR. Consistent condom use reduces genital human papillomavirus burden in high-risk men: the HIM Study. *J Infect Dis.* **208**(3):373-384, 2013.

232. Tota JE, Ramanakumar AV, Jiang M, Dillner J, Walter SD, Kaufman JS, Coutlée F, **Villa LL**, Franco EL. Epidemiologic Approaches to Evaluating the Potential for Human Papillomavirus Type Replacement Postvaccination. *Am J Epidemiol.* **178**(4):625-634, 2013.
233. Oliveira LB, Louvanto K, Ramanakumar AV, Franco EL, **Villa LL** for the Ludwig–McGill Cohort Study. Polymorphism in the promoter region of the Toll-like receptor 9 gene and cervical human papillomavirus infection. *J Gen Virol.* **94**: 1858–1864, 2013.
234. Trevisan, A, Schlecht NF, Ramanakumar AV, **Villa LL**, Franco EL, for the Ludwig-McGill Study Group. Human papillomavirus type 16 viral load measurement as a predictor of infection clearance. *J Gen Virol* **94**, 1850–1857, 2013.
235. Alberts CJ, Schim van der Loeff MF, Papenfuss MR, da Silva RJ, **Villa LL**, Lazcano-Ponce E, Nyitray AG, Giuliano AR. Association of Chlamydia trachomatis Infection and Herpes Simplex Virus Type 2 Serostatus With Genital Human Papillomavirus Infection in Men: The HPV in Men Study. *Sex Transm Dis.* **40**(6):508-515, 2013.
236. Ompad DC, Bell DL, Amestoy S, Nyitray AG, Papenfuss M, Lazcano-Ponce E, **Villa LL**, Giuliano AR. Men who purchase sex, who are they? An interurban Comparison. *Urban Health.* **90**(6):1166-1180, 2013.
237. Sichero L, Pierce Campbell CM, Ferreira S, Sobrinho JS, Luiza Baggio M, Galan L, Silva RC, Lazcano-Ponce E, Giuliano AR, **Villa LL**; for the HIM Study Group Broad HPV distribution in the genital region of men from the HPV infection in me (HIM) study. *Virology* **443**(2):214-217, 2013.
238. Kreimer AR, Campbell CMP, Lin H-Y, Fulp W, Papenfuss MA, Abrahamsen M, Hildesheim A, **Villa LL**, Salmerón JJ, Lazcano-Ponce E, Giuliano AR. Incidence and clearance of oral human papillomavirus infection in men: the HIM cohort study. *Lancet* **382**(9895):877-887, 2013.
239. Anic GM, Messina JL, Stoler MH, Rollison DE, Stockwell H, **Villa LL**, Lazcano-Ponce E, Gage C, Silva RJ, Baggio ML, Salmerón J, Giuliano AR. Concordance of human papillomavirus types detected on the surface and in the tissue of genital lesions in men. *J Med Virol.* **85**(9):1561-1566, 2013.
240. Schabath MB, **Villa LL**, Lin HY, Fulp WJ, Akogbe GO, Abrahamsen ME, Papenfuss MR, Lazcano-Ponce E, Salermon J, Quiterio M, Giuliano AR. Racial differences in the incidence and clearance of human papillomavirus (HPV): The HPV in Men (HIM) Study. *Cancer Epidemiol Biomarkers Prev.* **22**(10):1762-1770 2013.
241. Lorenzi AT, Fregnani JH, Resende JC, Neto CS, **Villa LL**, Longatto-Filho A. Self-collection for high-risk hpv detection in Brazilian women using the care HPV™ test. *Gynecol Oncol.* **131**:131-134, 2013.
242. Cavenaghi VB[§], Ghosn EJ[§], Cruz N, Rossi LM, da Silva L, Costa HO, **Villa LL***. Determination of HPV prevalence in oral/oropharyngeal mucosa samples in a rural district of São Paulo. *Braz J Otorhinolaryngol.* **79**(5):599-602, 2013.
243. Figueiredo Alves RR, Turchi MD, Santos LE, Guimarães EM, Garcia MM, Seixas MS, **Villa LL**, Costa MC, Moreira MA, Alves M de F. Prevalence, genotype profile and risk factors for multiple human papillomavirus cervical infection in unimmunized female adolescents in Goiânia, Brazil: a community-based study. *BMC Public Health.* **13**:1041, 2013.
244. Pierce Campbell CM, Messina JL, Stoler MH, Jukic DM, Tommasino M, Gheit T, Rollison DE, Sichero L, Sirak BA, Ingles DJ, Abrahamsen M, Lu B, **Villa LL**, Lazcano-Ponce E, Giuliano AR. Cutaneous human papillomavirus types detected on the surface of male external genital lesions: a

- case series within the HPV Infection in Men Study. *J Clin Virol.* **58**(4):652-659, 2013.
245. Schabath MB, **Villa LL**, Lin HY, Fulp WJ, Lazcano-Ponce E, Salmerón J, Abrahamsen ME, Papenfuss MR, Quiterio M, Giuliano AR. A prospective analysis of smoking and human papillomavirus infection among men in the HPV in Men Study. *Int J Cancer.* **134**(10):2448-2457, 2013.
 246. Loffredo D'Ottaviano MG, Discacciati MG, Andreoli MA, Costa MC, Termini L, Rabelo-Santos SH, **Villa LL**, Zeferino LC. HPV 16 Is Related to the Progression of Cervical Intraepithelial Neoplasia Grade 2: A Case Series. *Obstet Gynecol Int.* **13**: 1041, 2013.
 247. August EM, Daley E, Kromrey J, Baldwin J, Romero-Daza N, Salmeron J, Lazcano-Ponce E, **Villa LL**, Bryant CA, Giuliano AR. Age-related variation in sexual behaviours among heterosexual men residing in Brazil, Mexico and the USA. *J Fam Plann Reprod Health Care.* **40**(4): 261-269, 2014.
 248. Albero G, Castellsagué X, Lin H-Y, Fulp W, **Villa LL**, Lazcano-Ponce E, Papenfuss M, Abrahamsen M, Salmerón J, Quiterio M, Nyitray AG, Lu B, Xavier Bosch F and Giuliano AR. Male circumcision and the incidence and clearance of genital human papillomavirus (HPV) infection in men: the HPV Infection in men (HIM) cohort study. *BMC Infect Dis.* **14**:75, 2014.
 249. Discacciati MG, da Silva ID, **Villa LL**, Reis L, Hayashi P, Costa MC, Rabelo-Santos SH, Zeferino LC. Prognostic value of DNA and mRNA e6/e7 of human papillomavirus in the evolution of cervical intraepithelial neoplasia grade 2. *Biomarkers Insights.* **9**:15-22, 2014.
 250. Levi JE, Longatto-Filho A, Eluf-Neto J, Rodrigues CL, Oliveira CM, Carloni AC, Lorenzi AT, Tacla M, Fregnani JH, Ab'Saber AM, Scapulatempo C, **Villa LL**. Evaluation of HPV Molecular Tests in Primary Screening for Cervical Cancer in Brazil. *Open J Obstet Gynecol.* **4**(8):470-478, 2014.
 251. Picanço-Junior OM, Oliveira AL, Freire LT, Brito RB, **Villa LL**, Matos D. Association between human Papillomavirus and colorectal adenocarcinoma and its influence on tumor staging and degree of cell differentiation. *Arq Bras Cir Dig.* **27**(3):172-176. 2014.
 252. Tajara EH. **Villa LL**, Carvalho MB. Research Interests: behind the biological sample. *BMJ* **349**:g5231, 2014.
 253. Pinheiro C, Garcia EA, Morais-Santos F, Scapulatempo-Neto C, Mafra, A, Steenberg RDM, Boccardo E, **Villa LL**, Baltazar F, Longatto-Filho A. Lactate transporters and vascular factors in HPV-induced squamous cell carcinoma of the uterine cervix. *BMC Cancer* **14**:751, 2014.
 254. Araujo-Souza PS, Ramanakumar AV, Candeias JMG, Thomann P, Trevisan A, L Franco EL, **Villa LL**, and Ludwig-McGill Cohort Study. Determinants of baseline seroreactivity to human papillomavirus type 16 in the Ludwig-McGill cohort study. *BMC Infect Dis* **14**:57.8, 2014.
 255. Slichero L, Pierce Campbell MC, Fulp W, Ferreira S, Sobrinho SJ, Baggio ML, Galan L, Silva CR, Lazcano-Ponce E, Giuliano RA, **Villa L L**, for the HIM Study group. High genital prevalence of cutaneous human papillomavirus DNA on male genital skin: the HPV Infection in Men Study. *BMC Infect Dis*, **14**:677, 2014.
 256. Ingles DJ, Pierce Campbell CM, Messina JA, Stoler MH, Lin HY, Fulp WJ, Abrahamsen M, Sirak BA, O'Keefe MT, Papenfuss M, Gage C, da Silva RC, Sosa RG, Juarez OR, **Villa LL**, Ponce EL, Giuliano AR. HPV Genotype- and Age-specific Analyses of External Genital Lesions Among Men in the HPV Infection in Men (HIM) Study. *J Infect Dis.* **211**(7): 1060-1067, 2015.
 257. Ingles DJ, Lin HY, Fulp WJ, Sudenga SL, Lu B, Schabath MB, Papenfuss MR, Abrahamsen ME, Salmeron J, **Villa LL**, Ponce EL, Giuliano AR. An analysis of HPV infection incidence and clearance

- by genotype and age in men: The HPV Infection in Men (HIM) Study. *Papillomavirus Res.* (1):126-135. 2015.
258. Tota JE, Ramanakumar AV, **Villa LL**, Richardson H, Burchell AN, Koushik A, Mayrand M-H, Coutlée F, Franco EL. "Evaluation of HPV Type Replacement Post-vaccination Must Take into Account Diagnostic Artifacts: Masking of HPV-52 by HPV-16 in Anogenital Specimens". *Cancer Epidemiol Biomarkers Prev.*,**24**(1):286-290, 2015.
259. Pierce Campbell CM, Kreimer AR, Lin H-Y, Fulp W, O'Keefe MT, Ingles DJ, Abrahamsen M, **Villa LL**, Lazcano-Ponce E, Giuliano AR. Long-term persistence of oral human papillomavirus type 16: The HPV Infection in Men (HIM) Study. *Cancer Prev Res* **8**(3):190-196, 2015.
260. Nyitray AG, Chang M, **Villa LL**, Carvalho da Silva RJ, Baggio ML, Abrahamsen M, Papenfuss M, Quiterio M, Salmerón J, Lazcano-Ponce E, Giuliano AR. The natural history of genital human papillomavirus among HIV - negative men having sex with men and men having sex With Women. *J Infect Dis.* **212**(2):202-212, 2015.
261. Sichero L, Nyitray A, Nunes EM, Nepal B, Ferreira S, Sobrinho JS, Baggio ML, Galan L, Silva RC, Lazcano-Ponce E, Giuliano AR, **Villa LL**, for the Him Study Group. Diversity of human papillomavirus in the anal canal of men: The HIM study. *Clin Microbiol Infection* **21**(5):502-509, 2015.
262. Termini L, Fregnani J, Boccardo E, da Costa WH, Longatto-Filho A, Andreoli M, Costa M, Lopes A, da Cunha IW, Soares F, **Villa L**, and Guimarães GC. SOD2 immunoexpression predicts lymph node metastasis in penile cancer, 2014 - *BMC Clinical Pathol*, **15**:3, 2015.
263. Vyas NS, Pierce Campbell CM, Mathew R, Abrahamsen M, Van der Kooi K, Jukic DM, Stoler MH, **Villa LL**, da Silva RC, Lazcano-Ponce E, Quiterio M, Salmeron J, Sirak BA, Ingles DJ, Giuliano AR, Messina JL. Role of histological findings and pathologic diagnosis for detection of human papillomavirus infection in men. *J Med Virol.* **87**(10):1777-1787, 2015.
264. Baker ML, Figueroa-Downing D, De Oliveira Chiang ED, **Villa L**, Baggio ML, Eluf-Neto J, Bednarczyk RA, and Evans DP. Paving pathways: Brazil's implementation of a national human papillomavirus immunization campaign. *Rev Panam Salud Publica* **38**(2):163-166, 2015.
265. Measso do Bonfim C, Simão-Sobrinho J, Lacerda NR, Salgado KD, Cardoso PVF, Nogueira ML, **Villa LL**, Rahal P, Sichero L. Differences in Transcriptional Activity of Human Papillomavirus Type 6 Molecular Variants in Recurrent Respiratory Papillomatosis. *PLoS ONE* **10**(7):e0132325, 2015
266. Ribeiro AA, Costa MC, Alves RRF, Villa LL, Saddi VA, Carneiro MAS, Zeferino LC and Rabelo-Santos. HPV Infection and cervical neoplasia: associated risk factors. *BMC- Infectious Agents Cancer*, **10**:16, 2015.
267. Discacciati MG, Gimenes F, Pennacchi PC, Faião-Flores F, Zeferino LC, Derchain SM, Teixeira JC, Costa MC, Zonta M, Termini L, Boccardo E, Longatto-Filho A, Consolaro ME, **Villa LL**, Maria-Engler SS. MMP-9/RECK Imbalance: A Mechanism Associated with High-Grade Cervical Lesions and Genital Infection by Human Papillomavirus and Chlamydia trachomatis. *Cancer Epidemiol Biomarkers Prev.* **24**(10):1539-1547, 2015
268. Longatto-Filho A, Levi JE, Martins TR, Cohen D, Cury L, **Villa LL**, Eluf-Neto J. Critical Analyses of the Introduction of Liquid-Based Cytology in a Public Health Service of the State of São Paulo, Brazil. *Acta Cytologica.* **59**:273-277, 2015
269. Trottier H, Mayrand MH, Baggio ML, Galan L, Ferenczy A, **Villa LL**, Franco EL; Ludwig-McGill Cohort Study Group. Risk of Human Papillomavirus (HPV) Infection and Cervical Neoplasia after

Pregnancy. *BMC Pregnancy Childbirth*. **15**:244, 2015.

270. Pinheiro C, Garcia EA, Morais-Santos F, Moreira MA, Almeida FM, Jubé LF, Queiroz GS, Paula ÉC, Andreoli MA, **Villa LL**, Longatto-Filho A, Baltazar F. Reprogramming energy metabolism and inducing angiogenesis: co-expression of monocarboxylate transporters with VEGF family members in cervical adenocarcinomas. *BMC Cancer*. **15**:835, 2015
271. Giuliano AR, Viscidi R, Torres BN, Ingles DJ, Sudenga SL, **Villa LL**, Baggio ML, Abrahamsen M, Quiterio M, Salmeron J, Lazcano-Ponce E. Seroconversion Following Anal and Genital HPV Infection in Men: The HIM Study. *Papillomavirus Res*. **1**:109-115, 2015.
272. Chiang EDO, Baker ML, Figueroa-Downing D, Baggio ML, **Villa LL**, Eluf Net J, Hadley C, Bednarczyk RA, Evans DP. "Those who love, vaccinate": Parental perceptions of HPV vaccination. *J Human Growth Development*, **25**(3):341-350, 2015.
273. Sudenga SL, Ingles DJ, Pierce Campbell CM, Lin HY, Fulp WJ, Messina JL, Stoler MH, Abrahamsen M, **Villa LL**, Lazcano-Ponce E, Giuliano AR. Genital Human Papillomavirus Infection Progression to External Genital Lesions: The HIM Study. *Eur Urol*. **69**(1):166-73, 2016.
274. Pierce Campbell CM, Viscidi RP, Torres BN, Lin HY, Fulp W, Abrahamsen M, Lazcano-Ponce E, **Villa LL**, Kreimer AR, Giuliano AR. Human papillomavirus (HPV) L1 serum antibodies and risk of subsequent oral HPV acquisition in men: The HIM Study. *J Infect Dis*. **214**(1):45-48, 2016.
275. Hochmann J, Sobrinho JS; **Villa LL**, Sichero L., The Asian-American variant of human papillomavirus type 16 exhibits higher activation of MAPK and PI3K/AKT signaling pathways, transformation, migration and invasion of primary human keratinocytes. *Virology* **492**:145–154, 2016.
276. Shaw E, Ramanakumar AV, El-Zein M, Silva FR, Galan L, Baggio ML, **Villa LL**, Franco EL; Ludwig-McGill Cohort Study. Reproductive and genital health and risk of cervical human papillomavirus infection: results from the Ludwig-McGill cohort study. *BMC Infect Dis*. **16**(1):116, 2016.
277. Nyitray AG, Carvalho da Silva RJ, Chang M, Baggio ML, Ingles DJ, Abrahamsen M, Papenfuss M, Lin HY, Salmerón J, Quiterio M, Lazcano-Ponce E, **Villa LL**, Giuliano AR. Incidence, duration, persistence, and factors associated with high-risk anal HPV persistence among HIV-negative men having sex with men: A multi-national study. *Clin Infect Dis*. **62**(11):1367-1374, 2016.
278. Lorenzi AT, Fregnani JH, Possati-Resende JC, Antoniazzi M, Scapulatempo-Neto C, Syrjänen S, **Villa LL**, Longatto-Filho A. Can the careHPV test performed in mobile units replace cytology for screening in rural and remote areas? *Cancer Cytopathol*. **124**(8):581-588, 2016.
279. Betiol JC, Sichero L, de Olival Costa HO, de Matos LL, Andreoli; MA, Ferreira S, Faraj SF, Mello ES, Sobrinho JS; Brandão LG, Cernea CR, Kulcsar MA; Pinto FR, Gonçalves AJ, Menezes MB, Silva L, Rossi LM, Nunes RAL, Termini L, **Villa LL**. Prevalence of human papillomavirus types and variants and p16INK4a expression in head and neck squamous cells carcinomas in São Paulo, Brazil. *Infect Agents Cancer*. **11**:20, 2016.
280. Nunes EM, Sudenga SL, Gheit T, Tommasino M, Baggio ML, Ferreira S, Galan L, Silva RC, Pierce Campbell CM, Lazcano-Ponce E, Giuliano AR, **Villa LL**, Sichero L; HIM Study group. Diversity of beta-papillomavirus at anogenital and oral anatomic sites of men: The HIM Study. *Virology* **6**:495:33-41, 2016.
281. Calmon MF, Sichero L, Boccardo E, **Villa LL**, Rahal P. HPV16 E6 regulates annexin 1 (ANXA1) protein expression in cervical carcinoma cell lines. *Virology* **496**:35-41. 2016.

282. Tota JE, Ramanakumar AV, **Villa LL**, Richardson H, Burchell AN, Coutlée F, Franco EL. Cervical Infection with Vaccine Human Papillomavirus (HPV) Genotypes as a Predictor of Acquisition and Clearance of Other HPV Infections. *J Infect Dis.* **214**(5):676-684, 2016.
283. Rahman S, Pierce Campbell C, Torres BN, O'Keefe M, Ingles D, **Villa LL**, Carvalho RJS, Cintra R, Lazcano-Ponce E, Salmerón J, Quiterio M, Giuliano A. Distribution and factors associated with salivary secretory leukocyte protease inhibitor (SLPI) concentrations. *Oral Dis.* **22**(8):781-790, 2016.
284. Pamnani SJ, Nyitray AG, Abrahamsen M, Rollison DE, **Villa LL**, Lazcano-Ponce E, Huang Y, Borenstein A, Giuliano AR. Sequential acquisition of anal HPV infection following genital infection among men who have sex with women: the HPV Infection in Men (HIM) Study. *J Infect Dis.* **214**(8):1180-1187, 2016.
285. Liu LZ, Nyitray AG, Hwang L-Y, Swartz MD, Abrahamsen M, Lazcano-Ponce E, Salmeron J, Quiterio M, **Villa LL**, Giuliano AR, Baggio ML, Silva RJC. Human Papillomavirus Prevalence among 88 Male Virgins Residing in Brazil, Mexico and the United States. *J Infect. Dis.* **214**(8):1188-1191, 2016.
286. Martins TR, Mendes de Oliveira C, Rosa LR, de Campos Centrone C, Rodrigues CL, **Villa LL**, Levi JE. HPV genotype distribution in Brazilian women with and without cervical lesions: correlation to cytological data. *Virology* **13**:138, 2016.
287. Pierce Campbell MC, Gheit T, Tommasino M, Lin H-Y, Torres BN, Messina JL, Stoler MH, Rolisson DE, Sirak BA, Abrahamsen M, da Silva, RJC, Sichero L, **Villa LL**, Lazcano-Ponce E, Giuliano AR. Cutaneous beta human papillomaviruses and the development of male external genital lesions: A case-control study nested within the *HIM Study*. *Virology* **497**:314-322, 2016.
288. Pamnani SJ, Sudenga SL, Viscidi R, Rollison DE, Torres BN, Ingles DJ, Abrahamsen M, **Villa LL**, Lazcano-Ponce E, Salmeron J, Quiterio M, Huang Y, Borenstein A, Giuliano AR. Impact of serum antibodies to HPV serotypes 6, 11, 16,18 to risks of subsequent genital HPV infections in men: the HIM Study. *Cancer Res.* **76**(20):6066-6075, 2016.
289. Mariano VS, Lorenzi AT, Scapulatempo-Neto C, Stein MD, Resende JC, Antoniazzi M, **Villa LL**, Levi JE, Longatto-Filho A, Fregnani JH. A Low-Cost HPV Immunochromatographic Assay to Detect High-Grade Cervical Intraepithelial Neoplasia. *PLoS One* **11**(10):e0164892, 2016.
290. Sudenga SL, Nelson Torres B, Fulp WJ, Silva R, **Villa LL**, Lazcano-Ponce E, Ingles DJ, Stoler M, Messina JL, Abrahamsen M, Baggio ML, Salmeron J, Quiterio M, Giuliano AR. Country-Specific HPV-related Genital Disease Among Men Residing in Brazil, Mexico, and the United States: The HIM Study. *Int J Cancer* **140**(2):337-345, 2016.
291. Stوقي B, Conceição AL, Termini L, Sichero L, **Villa LL**, Rahal P, Calmon MF. The differential role of HTRA1 in HPV-positive and HPV-negative cervical cell line proliferation. *BMC Cancer* **16**(1):840, 2016.
292. Rahman S, Rollison DE, Pierce Campbell CM, Waterboer T, Michel A, Pawlita M, **Villa LL**, Lazcano Ponce E, Wang W, Borenstein AR, Giuliano AR. Seroprevalence of Cutaneous Human Papillomaviruses and the Risk of External Genital Lesions in Men: A Nested Case-Control Study. *PLoS One.* **28**(11):e0167174, 2016.
293. Rahman S, Pierce Campbell CM, Waterboer T, Rollison DE, Ingles DJ, Torres BN, Michel A, Sudenga SL, Pawlita M, **Villa LL**, Lazcano Ponce E, Borenstein AR, Wang W, Giuliano AR. Seroprevalence of cutaneous human papillomaviruses (HPV) among men in the multinational HIM Study. *J Gen Virol.* **97**(12):3291-3301, 2016.

294. Rahman S, Pierce Campbell CM, Rollison DE, Wang W, Waterboer T, Michel A, Pawlita M, **Villa LL**, Lazcano Ponce E, Borenstein AR, Giuliano AR. Seroprevalence and Associated Factors of 9-Valent Human Papillomavirus (HPV) Types among Men in the Multinational HIM Study. *PLoS One*. **11**(11):e0167173, 2016.
295. Tota JE, Jiang M, Ramanakumar AV, Walter SD, Kaufman JS, Coutlée F, Richardson H, Burchell AN, Koushik A, Mayrand MH, **Villa LL**, Franco EL. Epidemiologic Evaluation of Human Papillomavirus Type Competition and the Potential for Type Replacement Post-Vaccination. *PLoS One*. **11**(12):e0166329, 2016.
296. Fontes A, Andreoli MA, **Villa LL**, Assone T, Gaester K, Fonseca LAM, Duarte AJS, Casseb J. High specific immune response to a bivalente anti-HPV vaccine in HIV-1-infected men in São Paulo, Brazil. *Papillomavirus Res*. **2**:17-20, 2016.
297. Flores-Díaz E, Sereday KA, Ferreira S, Sirak B, Sobrinho JS, Baggio ML, Galan L, Silva RC, Lazcano-Ponce E, Giuliano AR, **Villa LL**, Sichero L; # for the HIM Study group. HPV-6 molecular variants association with the development of genital warts in men: The HIM Study. *J. Infect Dis*. **215**(4): 559-565, 2017.
298. Figueroa-Downing D, Baggio ML, Baker ML, Chiang EDO, **Villa LL**, Eluf Neto J, Evans DP, Bednarczyk RA. Factors influencing HPV vaccine delivery by healthcare professionals at public health posts in São Paulo, Brazil. *Int J Gynecol Obstet*. **136**(1):33-39, 2017.
299. Sichero L, El-Zein M, Nunes EM, Ferreira S, Franco EL, **Villa LL**. Cervical Infection with Cutaneous Beta and Mucosal Alpha Papillomaviruses. *Cancer Epidemiol Biomarkers Prev*. **26**(8):1312-1320, 2017.
300. da Silva RJC, Sudenga SL, Sichero L, Baggio ML, Galan L, Cintra R, Torres BN, Stoler M, Giuliano AR, **Villa LL***. HPV-related external genital lesions among men residing in Brazil. *Braz J Infect Dis*. **S1413-8670** (16):30245-30248, 2017.
301. Sudenga SL, Torres BN, Silva R, **Villa LL**, Lazcano-Ponce E, Abrahamsen M, Baggio ML, Salmeron J, Quiterio M, Giuliano AR. Comparison of the natural history of genital HPV infection among men by country: Brazil, Mexico, and the United States. *Cancer Epidemiol Biomarkers Prev*. **26**(7):1043-1052, 2017.
302. Sudenga SL, Nyitray AG, Torres BN, Silva R, **Villa L**, Lazcano-Ponce E, Abrahamsen M, Baggio ML, Salmeron J, Quiterio M, Giuliano AR. Comparison of anal HPV natural history among men by country of residence: Brazil, Mexico, and the United States. *J Infect*. **75**(1):35-47, 2017.
303. Lopes RDVC, Teixeira JA, Marchioni D, **Villa LL**, Giuliano AR, Baggio ML, Fisberg RM. Dietary intake of selected nutrients and persistence of HPV infection in men. *Int J Cancer*. **141**(4):757-765, 2017.
304. Pastrez PRA, Mariano VS, da Costa AM, Silva EM, Scapulatempo-Neto C, Guimarães DP, Fava G, Neto SAZ, Nunes EM, Sichero L, **Villa LL**, Syrjanen KJ, Longatto-Filho A. The Relation of HPV Infection and Expression of p53 and p16 Proteins in Esophageal Squamous Cells Carcinoma. *J Cancer*. **8**(6):1062-1070, 2017.
305. Nunes EM, López RVM, Sudenga SL, Gheit T, Tommasino M, Baggio ML, Ferreira S, Galan L, Silva RC, Lazcano-Ponce E, Giuliano AR, **Villa LL**, Sichero L; HIM Study group. Concordance of Beta-papillomavirus across anogenital and oral anatomic sites of men: The HIM Study. *Virology*, **510**:55-59, 2017.
306. Flores-Díaz E, Sereday KA, Ferreira S, Sirak B, Sobrinho JS, Baggio ML, Galan L, Silva RC, Lazcano-Ponce E, Giuliano AR, **Villa LL**, Sichero L, The Him StudyGroup. HPV-11 variability,

- persistence and progression to genital warts in men. The HIM study. *J Gen Virol.* **98**(9):2339-2342, 2017.
307. Alvarez KLF, Beldi M, Sarmanho F, Rossetti RAM, Silveira CRF, Mota GR, Andreoli MA, Caruso EDC, Kamillos MF, Souza AM, Mastrocalla H, Clavijo-Salomon MA, Barbuto JAM, Lorenzi NP, Longatto-Filho A, Baracat E, Lopez RVM, **Villa LL**, Tacla M, Lepique AP. Local and systemic immunomodulatory mechanisms triggered by Human Papillomavirus transformed cells: a potential role for G-CSF and neutrophils. *Sci Rep.* **7**(1):9002, 2017.
 308. da Costa AM, Fregnani JHTG, Pastrez PRA, Mariano VS, Scapulatempo-Neto C, Guimarães DP, de Oliveira KMG, Neto SAZ, Nunes EM, Ferreira S, Sichero L, **Villa LL**, Syrjanen KJ, Longatto-Filho A. Prevalence of high risk HPV DNA in esophagus is high in Brazil but not related to esophageal squamous cell carcinoma. *Histol Histopathol.* **6**:11929. 2017
 309. da Costa AM, Fregnani JHTG, Pastrez PRA, Mariano VS, Silva EM, Neto CS, Guimarães DP, **Villa LL**, Sichero L, Syrjanen KJ, Longatto-Filho A. HPV infection and p53 and p16 expression in esophageal cancer: are they prognostic factors? *Infect Agent Cancer.* **12**:54. 2017.
 310. Rahman S, Giuliano AR, Rollison DE, Pawlita M, Waterboer T, **Villa LL**, Lazcano Ponce E. Cutaneous HPV and alpha-mucosal 9-valent HPV sero-status associations. *Papillomavirus Res.* **4**:54-57, 2017.
 311. Ranjeva SL, Baskerville EB, Dukic V, **Villa LL**, Lazcano-Ponce E, Giuliano AR, Dwyer G, Cobey S. Recurring infection with ecologically distinct HPV types can explain high prevalence and diversity. *Proc Natl Acad Sci U S A.* **14**(51):13573-13578, 2017.
 312. Amorim AT, Marques LM, Campos GB, Lobão TN, de Souza Lino V, Cintra RC, Andreoli MA, **Villa LL**, Boccardo E, Junior ACRB, López RVM, Dos Santos DB, de Souza GM, Romano CC, Timenetsky J. Co-infection of sexually transmitted pathogens and Human Papillomavirus in cervical samples of women of Brazil. *BMC Infect Dis.* **17**(1):769. 2017.
 313. **Villa LL***, Sichero L. Focus on HPV-driven head and neck cancer. Editorial. *Braz J Sex Transm Dis.* **29**(1):3-4, 2017.
 314. Burlamaqui JC, Cassanti AC, Borim GB, Damrose E, **Villa LL**, Silva L. Human Papillomavirus and students in Brazil: an assessment of knowledge of a common infection - preliminary report. *Braz J Otorhinolaryngol.* **83**(2): 120-125, 2017
 315. Liu Z, Nyitray AG, Hwang LY, Swartz MD, Abrahamsen M, Lazcano-Ponce E, **Villa LL**, Giuliano AR. Acquisition, Persistence, and Clearance of Human Papillomavirus Infection Among Male Virgins Residing in Brazil, Mexico, and the United States. *J Infect Dis.* **217**(5):767-776, 2018
 316. Martins TR, Longatto-Filho A, Cohen D, Viscondi JYK, Fuza LM, Cury L, **Villa LL**, Levi JE, Eluf-Neto J. Influence of Prior Knowledge of Human Papillomavirus Status on the Performance of Cytology Screening. *Am J Clin Pathol* **149**(4):316-323, 2018.
 317. Freitas ACGS[§], Goncalez AJM[§], Guimarães GC[§], **Villa LL***. Human papillomavirus vaccination in national immunization programs: impact and perspectives. *Rev Med (São Paulo)*, **97**(1):81-97, 2018.
 318. Morale MG, da Silva Abjaude W, Silva AM, **Villa LL**, Boccardo E. HPV-transformed cells exhibit altered HMGB1-TLR4/MyD88-SARM1 signaling axis. *Sci Rep.* **8**(1):3476, 2018
 319. de Matos RPA, Calmon MF, Amantino FA, **Villa LL**, Primo FL, Tedesco AC, Rahal P. Effect of Curcumin-Nanoemulsion Associated with Photodynamic Therapy in Cervical Carcinoma Cell Lines. *BioMed Res Int.* 2018:1-11, 2018.

320. Oliveira LB[§], Haga IR, **Villa LL***. Human papillomavirus (HPV) 16 E6 oncoprotein targets the Toll-like receptor pathway. *J Gen Virol.* 99(5):667-675, 2018
321. Rabachini T[§], Boccardo E, Andrade R, Perez KR, Nonogaki S, Cuccovia IM, **Villa LL***. HPV-16 E7 expression up-regulates phospholipase D activity and promotes rapamycin resistance in a pRB-dependent manner. *BMC Cancer* **18**(1):485, 2018
322. Rabelo-Santos SH, Termini L, Boccardo E, Derchain S, Longatto-Filho A, Andreoli MA, Costa MC, Lima Nunes RA, Lucci Ângelo-Andrade LA, **Villa LL**, Zeferino LC. Strong SOD2 expression and HPV-16/18 positivity are independent events in cervical cancer. *Oncotarget* **9**(31):21630-21640, 2018.
323. Wendland EM, Caierão J, Domingues C, Maranhão AGK, de Souza FMA, Hammes LS, Falavigna M, Hilgert JB, Hugo FN, Bessel M, **Villa LL**, Benzaken AS. POP-Brazil study protocol: a nationwide cross-sectional evaluation of the prevalence and genotype distribution of human papillomavirus (HPV) in Brazil. *BMJ Open.* **8**(6):e021170. 2018.
324. Pamnani SJ, Sudenga SL, Rollison DE, Ingles DJ, Abrahamsen M, **Villa LL**, Lazcano-Ponce E, Huang Y, Borenstein A, Giuliano AR. Recurrence of Genital Infections with Nine HPV Vaccine Types (6, 11, 16, 18, 31, 33, 45, 52, and 58) among Men in the HPV Infection in Men (HIM) Study. *J Infect Dis.* 218(8):1219-1227, 2018
325. Van Doorslaer K, Chen Z, Bernard HU, Chan PKS, DeSalle R, Dillner J, Forslund O, Haga T, McBride AA, **Villa LL**, Burk RD, ICTV Report Consortium. ICTV Virus Taxonomy Profile: Papillomaviridae. *J Gen Virol.* **99**(8):989-990, 2018.
326. Rogeri CD, Silveira HCS, Causin RL, **Villa LL**, Stein MD, de Carvalho AC, Arantes LMRB, Scapulatempo-Neto C, Possati-Resende JC, Antoniazzi M, Longatto-Filho A, Fregnani JHTG. Methylation of the hsa-miR-124, SOX1, TERT, and LMX1A genes as biomarkers for precursor lesions in cervical cancer. *Gynecol Oncol.* **150**(3):545-551, 2018.
327. Rossetti RAM, Lorenzi NPC, Yokochi K, Rosa MBSF, Benevides L, Margarido PFR, Baracat EC, Carvalho JP, **Villa LL**, Lepique AP. B lymphocytes can be activated to act as antigen presenting cells to promote anti-tumor responses. *PLoS One* **13**(7):e0199034, 2018.
328. Nunes RAL, Morale MG, Silva GÁF, **Villa LL**, Termini L. Innate immunity and HPV: friends or foes. *Clinics (Sao Paulo)* **73**(suppl 1):e549s, 2018.
329. Mitsumoto GL, Bernardi FDC, Paes JF, **Villa LL**, Mello B, Pozzan G. Juvenile-onset recurrent respiratory papillomatosis with pulmonary involvement and carcinomatous transformation. *Autops Case Rep.* **8**(3):e2018035, 2018.
330. Silva Dalla Libera L, Almeida de Carvalho KP, Encencio Porto Ramos J, Oliveira Cabral LA, de Cassia Goncalves de Alencar R, **Villa LL**, Alves RRF, Rabelo Santos SH, Aparecida Dos Santos Carneiro M, Saddi VA. Human Papillomavirus and Anal Cancer: Prevalence, Genotype Distribution, and Prognosis Aspects from Midwestern Region of Brazil. *J Oncol.* September 2019.
331. Nyitray AG, Peng F, Day RS, Carvalho Da Silva RJ, Baggio ML, Salmerón J, Quiterio M, Abrahamsen M, Lazcano-Ponce E, **Villa LL**, Giuliano AR. The association between body mass index and anal canal human papillomavirus prevalence and persistence: the HIM study. *Hum Vaccin Immunother.* **15**(7-8):1911-1919, 2019.
332. de Oliveira CM, Fregnani JHTG, **Villa LL**. HPV Vaccine: Updates and Highlights. *Acta Cytol.*

63(2):159-168, 2019.

333. Bettampadi D, **Villa LL**, Ponce EL, Salmeron J, Sirak BA, Abrahamsen M, Rathwell JA, Reich RR, Giuliano AR. Oral human papillomavirus prevalence and type distribution by country (Brazil, Mexico and the United States) and age among HPV infection in men study participants. *Int J Cancer* October 2019
334. Kops NL, Bessel M, Horvath JDC, Domingues C, de Souza FMA, Benzaken AS, Mendes Pereira GF, Maranhão AGK, **Villa LL**, Mello B, Wendland EM. Factors associated with HPV and other self-reported STI coinfections among sexually active Brazilian young adults: cross-sectional nationwide study. *BMJ Open*. **9**(6):e027438, 2019.
335. Venancio PA, Consolaro MEL, Derchain SF, Boccardo E, **Villa LL**, Maria-Engler SS, Campa A, Discacciati MG. Indoleamine 2,3-dioxygenase and tryptophan 2,3-dioxygenase expression in HPV infection, SILs, and cervical cancer. *Cancer Cytopathol*. **127**(9):586-597, 2019.
336. Lorenzi AT, Fregnani JH, **Villa LL**, Sichero L, Nunes EM, Longatto-Filho A. Diversity of human papillomavirus typing among women population living in rural and remote areas of Brazilian territory. *Papillomavirus Res*. 100186, 2019.
337. Silva EM, Mariano VS, Pastrez PRA, Pinto MC, Nunes EM, Sichero L, **Villa LL**, Scapulatempo-Neto C, Syrjanen KJ, Longatto-Filho A. Human papillomavirus is not associated to non-small cell lung cancer: data from a prospective cross-sectional study. *Infect Agent Cancer* **14**:18, 2019.
338. Sichero L, El-Zein M, Ferreira S, Franco EL, **Villa LL**; Ludwig-McGill Cohort Study. Lack of Association between Human Papillomavirus Types 6 and 11 Genetic Variants and Cervical Abnormalities: The Ludwig-McGill Cohort Study. *Cancer Epidemiol Biomarkers Prev*. **28**(6):1086-1088, 2019.
339. Silveira CRF, Cipelli M, Manzine C, Rabelo-Santos SH, Zeferino LC, Rodríguez Rodríguez G, de Assis JB, Hebster S, Bernadinelli I, Laginha F, Boccardo E, **Villa LL**, Termini L, Lepique AP. Swainsonine, an alpha-mannosidase inhibitor, may worsen cervical cancer progression through the increase in myeloid derived suppressor cells population. *PLoS One* **14**(3):e0213184, 2019.
340. Sichero L, Giuliano AR, **Villa LL**. Human Papillomavirus and Genital Disease in Men: What We Have Learned from the HIM Study. *Acta Cytol*. **63**(2):109-117, 2019.
341. Cabeça TK, de Mello Abreu A, Andrette R, de Souza Lino V, Morale MG, Aguayo F, Termini L, **Villa LL**, Lepique AP, Boccardo E. HPV-Mediated Resistance to TNF and TRAIL Is Characterized by Global Alterations in Apoptosis Regulatory Factors, Dysregulation of Death Receptors, and Induction of ROS/RNS. *Int J Mol Sci*. **20**(1):198, 2019.
342. Mainali B, Schabath MB, Sudenga SL, Ye Y, Wiener HW, **Villa LL**, Giuliano AR, Shrestha S. Variants in immune-related genes and genital HPV 16 persistence in men. *Papillomavirus Res*. **7**:11-14, 2019.
343. Giuliano AR, Sirak B, Abrahamsen M, Silva RJC, Baggio ML, Galan L, Cintra RC, Lazcano-Ponce E, **Villa LL**. Genital Wart Recurrence Among Men Residing in Brazil, Mexico, and the United States. *J Infect Dis*. **219**(5):703-710, 2019.
344. De Cicco R, de Melo Menezes R, Nicolau UR, Pinto CAL, **Villa LL**, Kowalski LP. Impact of human papillomavirus status on survival and recurrence in a geographic region with a low prevalence of HPV-related cancer: A retrospective cohort study. *Head Neck* **42**(1):93-102, 2020.
345. Costa V, El-Achkar VN, de Barros PP, León JE, Ribeiro-Silva A, Carlos R, Pignatari SSN, Ferreira

S, Mello BP, Sichero L, **Villa LL**, Kaminagakura E. Role of Epstein-Barr virus in the severity of recurrent respiratory papillomatosis. *Laryngoscope*. Dec 20, 2019.

346. Sichero L, Picconi MA, **Villa LL**. The contribution of Latin American research to HPV epidemiology and natural history knowledge. *Braz J Med Biol Res*. 53(2):e9560, 2020.

BOOK CHAPTERS AND MONOGRAPHS

1. Brentani RR, **Villa LL**. The cloning of human insulin. **In:** *Biotechnology of Plants and Microorganisms*, ed. by O.J. Crocomo, et. al., Ohio State Univ. Press, 1986, pp. 448-451.
2. **Villa LL**, Brentani RR. Vírus e Câncer. **In:** *Genética Molecular e de Microorganismos. Os Fundamentos da Engenharia Genética*. Coordenador Sérgio Olavo Pinto da Costa, Ed. Mande Ltda., 1987, pp. 469-482.
3. **Villa LL**. O papel do papilomavirus na neoplasia genital feminina **In:** "*Tratado de Oncologia Genital e Mamária*". F.S. Abrão Edit., Ed. Roca Ltda., 1994, pp.39-48.
4. **Villa LL**. Participant in the edition of the monography on the evaluation of carcinogenic risks to humans, about human papillomaviruses. *IARC, World Health Organization*, Vol. 64, 1995.
5. **Villa LL**. Biologia e Imunologia dos Papilomavírus Humano. **In:** *Infecções Clínico-Cirúrgicas em Ginecologia*. Paulo R. Baptista Soares, Mauro Bertuol, et al. Ed. Artes Médicas, Porto Alegre. pp. 120-129, 1996.
6. Pereira EAG, Guerra DMM, **Villa LL**. Papilomavíroses humanas. **In:** *Tratado de Infectologia*. Veronesi R. & Foccacia, R. Eds. Editora Atheneu, 30: 457-463, 1997.
7. Franco EL, **Villa LL**, Richardson H, Rohan T. Ferenczy A. Epidemiology of cervical human papillomavirus infection. **In:** *New Developments in Cervical Cancer Screening and Prevention*. Franco, E.L. & Monsonogo J. eds. WHO/EUROGIN monograph, Blackwell, pp. 14-22, 1997.
8. **Villa LL**, Rahal P, Franco EL. Molecular variant analysis as a tool in natural history studies of human papillomavirus infection and cervical neoplasia". Franco, E.L. ed. **In:** *New Developments in Cervical Cancer Screening and Prevention*. Franco, E.L. & Monsonogo J. eds. WHO/EUROGIN monograph, Blackwell, pp. 379-385, 1997.
9. **Villa LL**. "Vírus e Câncer". **In:** "*Bases da Oncologia*". Eds.: Coelho, FRG, Kowalski, L.P., Brentani, M.M. & Iyeyasu, H. cap. 5 - pp.71-80, 1998.
10. **Villa LL**. "Aspectos moleculares da oncogênese por papilomavírus". **In:** *Lesões Relacionadas à Infecção por HPV no Trato Anogenital*. Eds. Marluce Bibbo & Alfredo Moraes Filho. Ed. Revinter pp. 51-58, 1998.
11. Miguel REV, **Villa LL**, Papilomavirus humano (HPV) em câncer de cavidade oral e orofaringe". **In:** *Prevenção, diagnóstico e tratamento do câncer bucal*. Eds.: L.P.Kowalski, L.L.Dib., M.K.Ikeda e C.Adde. Ed. Frôntis Editorial. pp.: 17-22, 1999.
12. **Villa LL**. Técnicas de DNA recombinante". **In:** *A Célula*. Eds. Carvalho, HF, Recco-Pimentel SM. Editora Manole. Capítulo 3/5 – "Métodos de Estudo da Célula.pp31-38, 2001.
13. **Villa LL**. Vírus e Câncer. **In:** *Recursos Genéticos e Melhoramentos – Microrganismos*. Eds. Itamar Soares de Melo, Maria Cléria Valadares-Inglis, Luciano Lourenço Nass e Afonso Celso Candeira Valois. Editora Embrapa Meio Ambiente.743p. – pp. 620-635. 2002.

14. Boccardo E, **Villa LL**. Vírus e Câncer. **In:** *Bases da Oncologia*. Eds.: Maria Mitzi Brentani, Francisco Ricardo Gualda Coelho e Luiz Paulo Kowalski. Editora Marina e Tecmed Editora., cap 6. - pp. 87-111, 2003.
15. Sichero L, Boccardo E, **Villa LL**, Métodos diagnósticos em biologia molecular. **In:** *HPV na Prática Clínica*. Eds: Charles Rosenblatt, Eric Wroclawski, Antonio M Lucon, Elsa A G Pereyra. Cap 6.1, pp83-94, Editora Atheneu, 2005.
16. **Villa LL**. Participant in the edition of the monography on the evaluation of carcinogenic risks to humans, about human papillomaviruses. *IARC, World Health Organization*, Vol. **90**, 2007.
17. **Villa LL**. Vacinas Contra o Papilomavirus Humano (HPV). **In:** “*Câncer do Colo do Utero*”.Organizadores: Fernando A. Soares, Francisco R.G.Coelho, José Focchi, José Humberto T.G.Fregnani, Luisa L.Villa, Luiz C.Zeferino, Miriam Honda Federico, Paulo Eduardo R.S.Novae e Ronaldo L.R.Costa. (660 pp) Ed.Tecmed, p. 96-101,2008.
18. **Villa LL**, Sings HL. Future Directions and Challenges for HPV Education and Adolescent Immunization: Prevention of Cervical Cancer and Beyond. **In:** *Cancer in Female Adolescents*. Editor: Margarite T. Moorland. (212 pp), Nova Science Publisher, 2008.
19. **Villa LL**. Rationale for Tumour Prevention of HPV Vaccination in Adolescents. **In:** *SIOP Education Book 2009 – International Society of Paediatric Oncology*. Editors: B.Agarwal, G. Calaminus, B. de Camargo, M.Egeler (124pp), 2009
20. **Villa LL**, Laboratory Methods for Detection of Human Papilomavirus Infection. **In:** *Human Papillomavirus. A Practical Guide for Urologists*. Eds. Alberto Rosenblatt e Homero Gustavo de Campos Guidi. Cap.2 pp. 23-30. Springer-Verlag Berlin Heidelberg, 2009.
21. **Villa LL** & Laura Sichero, HPV and Cervical Cancer. **In:** *Breast and Gynecological Cancers*. Editor: Mahesh K. Shetty MD (360pp), Cap. 5 pp 83-98. Springer-New York, 2013
22. Sichero L, **Villa LL**, Termini L. Câncer como Doença Infecciosa. **In:** *Tratado de Oncologia*. Editor: Paulo Marcelo Gehm Hoff. Editores Associados: Artur Katz, Roger Chammas, Vicente Odone Filho, Yana Sarkis Novis. Seção I: Bases da Oncologia, Cap. 9 pp.99-109. Editora Atheneu, 2013.
23. Picconi MA, **Villa LL**. **In:** *Human Virology in Latin America*. Editor: Juan Ernesto Ludert; Flor H. Pujol; Juan Arbiza (474 pp), Cap. 20 pp. 389-409. Springer International Publishing AG 2017.

CONFERENCES, LECTURES AND SEMINARS (by invitation)

Selection of more than 600

1. Human papillomavirus in genital cancers in Brazil, Imperial Cancer Research Fund, London, UK, September 29, 1987.
2. Human papillomavirus in genital cancers in Brazil, Pathology Dept, University of Cambridge, Cambridge, UK, October 1st, 1987.
3. Risk factors for HPV infection in Brazil, Epidemiology Dept., National Cancer Institute, National Institutes of Health, Bethesda, MD, USA, May 1989.
4. Human Papillomavirus in genital tumors" Dept.of Epidemiology, I. Armand Frappier, Montréal, Canada, October 1989.
5. Genital tumors in Brazil associated with human papillomavirus", International Symposium on Human Papillomavirus, São Paulo, BR, November 19, 1990.

6. Cervical Cancer in Latin America - Papillomavirus, Inter-American Congress on Cancer, Miami, USA, July 1991.
7. Human papillomaviruses; Friedrich Miescher-Institut, Basel, Switzerland, October 1992.
8. Determinants of persistence of cervical HPV infection, Institut Pasteur, Division of Biotechnology, Paris, FR, June 1995.
9. Determinants of persistence of cervical HPV infection; Cancer Research Campaign Beatson Laboratories, Glasgow, Scotland, March 18, 1996.
10. "Genetic Variability and Geographic Distribution of Papillomaviruses" and "Molecular Epidemiology of Persistent Human Papillomavirus Infection", V Congreso Argentino de Virología - II Encuentro de Virólogos Latinos Americanos, Tandil, AR, April 1996.
11. "Viruses and Cancer" - Training Course in the Molecular Biology of Cancer organized by UICC - International Union Against Cancer, Rijeka, Croatia, June, 1996.
12. "HPV testing as an adjunct to cervical cancer screening programmes in Brazil", 3rd International Congress - Eurogin 97 - Lower Genital Tract Infections and Neoplasia, Paris, FR, April 1997.
13. "HPV in cervical cancer: basic aspects", 17th International Cancer Congress, Rio de Janeiro, BR, August 1998.
14. "A p53 polymorphism associated with cervical neoplasia", I International Symposium on Signal Transduction and Gene Expression in Cell Proliferation and Differentiation, Universidade de São Paulo, Instituto de Química, Depto. de Bioquímica. São Paulo, BR, September 2, 1998.
15. "Association between HLA class II alleles and risks of squamous cell carcinoma of the cervix and HPV infection in Brazilian women", 10th International Congress of Immunology, New Delhi, India, November 1998.
16. "Natural History of HPV infection in women", Merck Research Laboratories, West Point, PA, USA, May 14, 1999.
17. "Virus Papiloma Humano (HPV): Patogenia y diagnóstico", Curso Post – VI Congreso Argentino de Virología, Servicio Virus Oncogénicos, INEI-ANLIS "Dr. Carlos Malbrán", Buenos Aires, AR, September 1, 1999.
18. Molecular identification of human papillomavirus: "Contribution to epidemiological and clinical diagnostic studies", XX World Congress of Pathology/Laboratory Medicine, XXXIII Brazilian, IV Mercosul and the III Brazilian Congress of Laboratory Management, São Paulo, SP, BR, September 20, 1999.
19. "HPV Vaccines – Technical and Ethical Issues", "International Consensus Conference on the Fight Against Cervical Cancer", organized by the International Academy of Cytology and UICC, Chicago, IL, USA, March 2000.
20. "Critical view on HPV detection methods". 18th International Papillomavirus Conference, Barcelona, ES, July 2000.
21. "Molecular epidemiology of cervical and vulvar cancer in Brazil", VIII Congreso de la Sociedad Internacional del Cáncer Ginecológico of the Sociedad Internacional del Cáncer Ginecológico, Buenos Aires, AR, October 2000.
22. Prevention of Cervical Cancer, State of the Art Conference on Cancer organized by the Swedish Cancer Society, Djurönäset, Stockholm, SW, August 2001.
23. Molecular Epidemiology of cervical cancer, 11th World Congress of Cervical Pathology and Colposcopy - Screening of cervical cancer in developing countries, Barcelona, ES, June 2002.
24. "Relaciones entre CA Cu y HPV; Aspectos Epidemiológicos del HPV y Ca Cu; y Vacunas", course on Avances em Patología Cervical: Ca Cérvico Uterino-HPV-Vacunas", Servicio de Salud Concepción, Chile, August 2002.
25. "New approaches in HPV testing and molecular diagnostics", 21st International Papillomavirus Conference, Mexico City, MX, February 2004
26. Human Papillomavirus testing in the screening of cervical neoplasia", XV International Congress on Cytology, Santiago, Chile, April 2004.
27. Epidemiología del cáncer de cuello de útero, 1er Congreso Internacional de Cáncer Del Cuello Uterino y Patología Del Tracto Genital – Colposcopia organized by the Asociación Guatemalteca de Colposcopia e Enfermedades Del Tracto Genital Inferior, Guatemala, November 2004.
28. "HPV Vaccine", II São Paulo Research Conference – Mecanismos de Infecção e Vacinas, São Paulo, BR, December 4, 2004.

29. "Persistência de infecção por vírus de papiloma humano em mulheres brasileiras", XI Congreso de Investigación en Salud Pública, Cuernavaca, MX, March, 2005
30. "Current Development in Preventive and Therapeutic Vaccines for Human Papillomavirus Induced Cancers" Annual meeting of the AACR – American Association for Cancer Research, Washington, DC, USA, April 1st, 2006.
31. "Efficacy of a Quadrivalent HPV (Types 6, 11, 16, 18) L1 VLP Vaccine Against External Genital Disease: A Combined Analysis". 6th International Multidisciplinary Congress of the European Research Organization on Genital Infection and Neoplasia - EUROGIN – Paris, FR, April 2006.
32. "Vacinas contra HPV", I Simpósio Internacional de Imunobiológicos e Saúde Humana, celebrating 30 years of Bio-Manguinhos/Fiocruz, Rio de Janeiro, BR, May 2, 2006.
33. "An overview of the clinical development and results of a quadrivalent HPV vaccine". 12th International Congress on Infectious Diseases, Lisbon, PT, June 2006.
34. "Actualidades de la Infección por VPH y Avances en la Investigación de Vacunas", Congreso Nacional e Internacional de Colposcopia, Cuernavaca, MX, July 2006.
35. "Experience of a clinical investigator with a quadrivalent HPV Vaccine" XVIII FIGO World Congress of Gynecology and Obstetrics of the International Federation of Gynecology and Obstetrics and the Obstetrical & Gynaecological Society of Malaysia, Kuala Lumpur, Malaysia, November 2006.
36. "Unravelling the natural history of Human Papillomavirus infection and the risk of cervical neoplasia"; Grand Rounds in Population Science (GRIPS) at H. Lee Moffitt Cancer Center & Research Institute, University of South Florida, Tampa, FL, USA, December 14, 2006.
37. "Las vacunas preventivas contra VPH en el control Del cáncer cervical: impacto en políticas de salud", XII Congreso de Investigación en Salud Pública, Cuernavaca, Morelos, MX, March, 2007.
38. "HPV Prevention and Vaccines", 6th Annual Turkish Obstetrics & Gynecology Congress, Antalya, Turkey, May 16, 2008.
39. "Clinical Update of the HPV Quadrivalent Vaccine", 2nd International Symposium on Vaccines, August 8, 2008.
40. "Vaccine tetravalent. Update", XX Annual Congress of the Spanish Association of Cervical Pathology and Colposcopy, Madrid, ES, November 2008.
41. "The value of HPV Vaccine in prophylaxis of cervical cancer and other HPV-associated diseases", International Conference of the Polish Society of HPV and STD Prevention and Treatment Center, University of Warsaw School of Medicine, Warsaw, Poland, March 2009.
42. "HPV X Vacinas – Quem, quando e por que vacinar?" 5th Congreso Latinoamericano de Dermatología Pediátrica of Sociedad Latinoamericana de Dermatología Pediátrica, São Paulo, BR, April 18, 2009.
43. "Virus del papiloma humano y carga de cáncer; "Epidemiología de los genótipos especiales de HPV em neoplasia cervical" e "Atualización sobre las vacunas profiláticas de HPV" at the Primer Curso Internacional de Patología del Tracto Genital Inferior y Colposcopia, organized by Facultad de Ciencias Médicas, Universidad Internacional del Ecuador, Quito, Ecuador, April 2010.
44. "An update on the efficacy and durability of HPV prophylactic vaccines", International Symposium "Highlights in HPV Research", Fiocruz – Manguinhos, Rio de Janeiro, BR, April 2010.
45. "Impacto de vacunas de VPH em hombres: Cual es su utilidad?", Curso Internacional "Actualizaciones Y Controversias em Colposcopia" organized by Colegio Mexicano de Especialistas em Ginecología y Obstetricia, Mexico City, MX, May 2010.
46. "Male Vaccination Against HPV", VII Congreso Latinoamericano de Colposcopia y Patología del Tracto Genital Inferior, Cartagena, CO, October 2010.
47. "Papiloma Humano: desde su descubrimiento hasta el Premio Nobel", XI Congreso Argentino de Microbiología, Buenos Aires, AR, October 2010.
48. "Incorporação da vacina contra o HPV na Rede Pública", VIII Congresso da Sociedade Brasileira de DST, IV Congresso Brasileiro de AIDS e I Congresso ALAC/IUSTI Latino Americano, Curitiba, BR, May 20, 2011.
49. "Molecular biology for the gynecologist", 14th World Congress of Cervical Pathology and Colposcopy – IFCPC, Rio de Janeiro, BR, July 2011.
50. "Vacunación a los Hombres: Su importancia", III Congreso Internacional Gineco-Obstetricia y Neonatología, Hospital Gineco Obstétrico Enrique C. Sotomayor, Guayaquil, Ecuador, September 2011.
51. "Why many women are still dying of cervical cancer in Latin America?", 27TH International

- Papillomavirus Conference and Clinical Workshop, of the International Society of Papillomavirus, Berlin, GE, September 2011.
52. "Update os HPV prophylactic vacines", Primer Curso de Vacunologia para America Latina Universidad Peruana Cayetano Heredia e Sabin Vaccine Institute, Lima, PE, December 2011.
 53. Evidência clínica da vacinação 4HPV no sexo masculino e resumo do impacto na redução de doença por HPV após vacinação com 4HPV; Vacinação Neutra de género contra o HPV - recomendações e desafios", 14º Congresso Nacional de Pediatria, Porto, PT, October 2013.
 54. "Vaccine and screening into a organized cervical cancer screening", Simpósio Internacional de HPV, Vacina e rastreio, Instituto Nacional do Câncer, INCA, Rio de Janeiro, December 5, 2013.
 55. "Rolling out HPV Vaccination: Successes, Challenges and Lessons Learnt. Perspectives from the Latin America and the Caribbean region", 2014 STD Prevention Conference, 15th World IUSTI Congress and 2nd Latin America IUSTI-ALACITS Congress, Atlanta, USA, June 2014.
 56. Vacunas Contra El VPH, International Meeting on Women's Cancer, Toluca, MX, October 2014.
 57. "Immune responses to HPV VLPs: Durability and real-world impact of HPV vaccination", XXXIX Congress of the Brazilian Society for Immunology - Immuno Buzios 2014 – Buzios, RJ, BR, October 2014.
 58. "Contribution and implementation of HPV test for cervical cancer in Brazil"; 30th International Papillomavirus Conference, Lisbon, PT, September 2015.
 59. El impacto de los programas de Vacunación contra El HPV em America Latina; 2) Introducción de Test de HPV em tamizaje de Cáncer Cervico Uterino; 3) Biología Molecular de las infecciones por HPV; 4) Factores de persistência de infección por HPV; 5) Nuevas vacunas y avances em La vacunación terapêutica", VI Congreso Ecuatoriano de Patología Del Tracto Genital Inferior y Colposcopia, Quito, Ecuador, October 2015.
 60. "Human Cancer Epidemiology", 3rd World Veterinary Cancer Congress, Foz do Iguaçu, BR, May 2016.
 61. "HPV Screening, Prevention, and Vaccination", 2016 ASCO Annual Meeting, Chicago, IL, USA, June 2016.
 62. "Cancer prevention: the succesful case of HPV vacines", University of Toronto-USP "Workshop on Cancer Inflammation and Immunity", São Paulo, BR, October 27, 2016.
 63. "The different facets of cervical cancer prevention" AACR International Conference on Translational Cancer Medicine of the American Association for Cancer Research in collaboration with the Latin American Cooperative Oncology Group – LACOG, São Paulo, May 5, 2017.
 64. "HPV immunization programs in the world", 3rd ICGEB Workshop on HPV and Associated malignancies: biology, prevention and therapy", São Paulo, BR, September 5, 2017.
 65. "Natural history of HPV infections and neoplasia: key to prevention and therapeutics". International Meeting on Oncology Research in Celebration of 80 years of the Brazilian National Cancer Institute (INCA), Rio de Janeiro, BR, September 17, 2017.
 66. "Imagine a world without cancer". "15th Latin America Health and Science Journalism Program", a joint initiative of Merck & Co and Institute of the Americas, Boston, MA, USA September 2017.
 67. "Early detection and câncer screening", VI Simpósio Internacional de Oncologia Translacional e Pesquisa Clínica, Barretos, BR, September 22, 2017.
 68. "Cervical cancer control in low-middle income countries: where are we now?", III Global Cancer Symposium, Barretos, BR, September 26, 2017.
 69. "Opportunities in HPV disease prevention: gender-neutral vaccination and mid-adult women" FIGO-2018 and XXII Congresso Mundial de Ginecologia e Obstetrícia, Rio de Janeiro, BR, 2018
 70. "Evaluación de Esquemas Alternativos de Vacunación contra VPH: Será suficiente dos dosis?" IV Congreso Latinoamericano de Patología Vulvovaginal, Guayaquil, Ecuador, 2018
 71. "Cervical Cancer", Summit Latin America of the European Society of medical Oncology –ESMO. São Paulo, BR, March 2019.
 72. "HPV in men: justification of Universal Vaccination" Meeting of the Latin American Federation of Genital Tract Pathology and Colposcopy- FLPTGlyC, Guayaquil, Ecuador, September 2019.
 73. "What tools do we have to eliminate cervical cancer?" VII International Symposium on Translational Oncology, Barretos, SP, BR, September 2019.

74. "Pathways to the elimination of HPV-induced cancer" XLIV Congresso da Sociedade Brasileira de Imunologia - IMMUNO 2019, Florianópolis, SC, BR, October 2019.

ABSTRACTS AND SHORT COMMUNICATIONS in International Meetings

(Selection from last 20 years)

1. Sichero L, **Villa LL**, Rahal P, Caballero OL, Ferenczy A, Rohan T, Franco EL. Molecular variants of Human Papillomavirus types 16 and 18 associated with cervical neoplasia. 059 P. 128 - 18th International Papillomavirus Conference, Barcelona, ES, July 23-28, 2000.
2. Schlecht NF, Franco EL, **Villa LL**, Ferenczy A. Longitudinal data analysis of the association between HPV and cervical intraepithelial neoplasia in Southern Brazil. 067 P. 133 - 18th International Papillomavirus Conference, Barcelona, ES, July 23-28, 2000.
3. Anschau F, Teixeira KC, Guedes CR, Marques RI, Gonçalves MAG, Reichel CL, **Villa LL**, Schmitt VM. Analysis of clinical and molecular factors involved in the development of cervical cancer precursor lesions. 079 P. 139 - 18th International Papillomavirus Conference, Barcelona, ES, July 23-28, 2000.
4. Picconi MA, Alonio V, Sichero L, Mbayed V, Gronda J, Barcena M, Campos R, **Villa LL**, Teyssié AR. Human Papillomavirus types in Quechua Indians from Jujuy (Argentina). HPV 16 molecular variability analysis. 111 P. 156 - 18th International Papillomavirus Conference, Barcelona, ES, July 23-28, 2000.
5. Junes KS, Sichero L, Mello W, Noronha V, **Villa LL**. Intratypic variability of HPV-16 and -18 in tumor biopsies from a high risk area for cervical cancer. 134 P. 167 - 18th International Papillomavirus Conference, Barcelona, ES, July 23-28, 2000.
6. Rousseau M-C, Franco EL, **Villa LL**. Natural history of cervical infections with multiple HPV types". 137 P. 169 - 18th International Papillomavirus Conference, Barcelona, ES, July 23-28, 2000.
7. Breitenbach V, Becker Jr E, Bozetti MC, Prolla JC, **Villa LL**, Mielzynska-Lohnas I, Nonnenmacher B. Prevalence of atypical squamous cells of undetermined significance and epidemiological correlates among women attending a screening program in Southern Brazil. 147 P. 174 - 18th International Papillomavirus Conference, Barcelona, ES, July 23-28, 2000.
8. Thomann P, Maciag PC, Franco EL, **Villa LL**. IgM-seroreactivity to HPV-16 capsids is associated with low oncogenic risk HPV infections. 157 P. 179 - 18th International Papillomavirus Conference, Barcelona, ES, July 23-28, 2000.
9. Nonnenmacher B, Mielzynska-Lohnas I, **Villa LL**, Lorincz AT, Breitenbach V, Ikuya N, Prolla J, Bozetti MC. Comparison between hybrid capture II and polymerase chain reaction results among women at low risk for cervical cancer. 239 P. 229 - 18th International Papillomavirus Conference, Barcelona, ES, July 23-28, 2000.
10. Schlecht NF, Franco EL, **Villa LL**, Greenberg MD, Ferenczy A. HPV persistence and viral load as correlates of cervical abnormalities detected by cervicography and cytology. 278 P. 249 - 18th International Papillomavirus Conference, Barcelona, ES, July 23-28, 2000.
11. Boccardo E, **Villa LL**. Effect of TNF-Alpha on human foreskin keratinocytes immortalized by Human Papillomavirus type 16 and 18". 505 P. 386 - 18th International Papillomavirus Conference, Barcelona, ES, July 23-28, 2000.
12. Maciag PM, Schlecht NF, Souza PSA, Franco EL, Petzl-Erler ML, **Villa LL**. Major histocompatibility complex class II polymorphisms and risk of cervical cancer and Human Papillomavirus infection in Brazilian women. 662 P. 484 - 18th International Papillomavirus Conference, Barcelona, ES, July 23-28, 2000.
13. Rousseau MC, Ghosh A, Morse R, Sichero L, Matlashewsky G, **Villa LL**, Rohan TE, Ferenczy A, Franco EL. P53 codon polymorphism and early events in cervical carcinogenesis among Brazilian women. -s - P-210, pp. 130. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
14. Rahal P, Estecio MRH, Carareto CMA, Sichero L, Barbosa ACC, **Villa LL**, Tajara EH. Abberant hypomethylation of the line-1 transposable element in cervical cancer cell lines HPV-infected. -s - P-252, pp. 155. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
15. Cortezzi SS, Rahal P, **Villa LL**, Cordeiro JA, Cury PM, Góis F^o JF, Fukuyama EE, Maniglia JV, Tajara EH. "P53 Polymorphisms and Human Papillomavirus infection in head and neck cancer". -s - P-154, pp. 93. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
16. Bezerra A, Lopes A, Santiago G, Ribeiro K, Latorre M, **Villa LL**. "Human Papillomavirus as a prognostic factor in carcinoma of the penis. Analysis of 82 patients treated with amputation and bilateral lymphadenectomy". -s - P-157, pp. 95. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
17. Duarte-Franco E, Robitaille J, Santos M, Miyamura R, Rohan T, Ferenczy A, **Villa LL**, Franco E. HPV infection as a predictor of the cervical lesion outcome among women with benign cellular changes on pap cytology. -s -

- P-203, pp.127. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
18. Schlecht N, Robitaille J, Ferreira S, Miyamura R, Duarte-Franco E, Rohan T, Ferenczy A, **Villa LL**, Franco E. Persistent Human Papillomavirus infection as a predictor of cervical intraepithelial neoplasia. -s – P-212, pp.131. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 19. Kaiano J, Maciag P, **Villa LL**. Correlation between polymorphism at codon 72 of P53 gene and risk of penile cancer associated with HPV infection. -s – P-228, pp.142. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 20. Termini L, **Villa LL**. Differentially expressed genes in Human Papillomavirus immortalized cell lines exposed to TNF-alfa. -s – P-255, pp. 156. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 21. Trevisan A, Schlecht N, Rousseau MC, Sobrinho J, Prado J, Rohan T, Franco E, **Villa LL**. Correlates of viral load among HPV-Infected women enrolled in a cohort study in Brazil. -s – P-9, pp. 7. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 22. Ribeiro IP, Godinho-Neto MCM, Kawamura T, **Villa LL**, Prado JCM, Oliveira AM, Carvalho RLT, Carvalho MGC. HPV 59 in esophageal cancer. -s – P-166, pp. 99. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 23. Bezerra AL, Lopes A, Landman G, Alencar GN, Torloni H, **Villa LL**. Clinicopathological features and HPV DNA prevalence of warty and squamous cell carcinoma of the penis. -s – P-156, pp. 94. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 24. Thomann P, Candeias JMG, Trevisan A, Rohan T, **Villa LL**, Franco EL. Serological reactivity to capsid antigens of HPV 16 and the occurrence of HPV infection of low and high viral load in the Ludwig-McGill cohort study. -s – P-208, pp. 129. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 25. Rousseau MC, Trevisan A, **Villa LL**, Rohan TE, Franco EL. Viral load as a predictor of HPV infection persistence among women in the Ludwig-McGill cohort study in São Paulo, Brazil. -s – P-157, pp. 95. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 26. Rousseau MC, Ferreira S, Miyamura R, **Villa LL**, Rohan TE, Franco EL. Can co-infection with multiple HPV types predict acquisition of other types and persistence of existing HPV infections? -s – P-211, pp. 131. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 27. Giuliano AR, Siegel EM, Roe D, Ferriera S, Prado JCM, Duarte-Franco E, **Villa LL**, Rohan TE, Franco E.L. Dietary carotenoid intake and risk of persistent type-specific HPV infection among women in the Ludwig-McGill natural history cohort. -s – P-231, pp. 143. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 28. **Villa LL**. Reliability of molecular techniques to diagnose HPV infection. Oral Presentations - O-13, pp. 56. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 29. Souza PSA, Maciag PC, Franco EL, Petzl-Erler, ML, **Villa LL**. Interaction between polymorphism of the human leukocyte antigen and HPV-16 variants on the risk of invasive cervical cancer. Oral Presentations - O-66, pp. 118. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 30. Schlecht N, Trevisan A, Rohan T, Ferenczy A, **Villa LL**, Franco EL. Viral load as a predictor of lesion grade severity in cervical intraepithelial neoplasia. Oral Presentations - O-93, pp. 138. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 31. Maciag P, Souza P, Schlecht N, Rabachini T, Rohan T, Franco E, **Villa LL**. Valine residues at position 86 of the HLA-DRB chain associated with a lower risk for HPV positivity and persistence". Oral Presentations - O-100, pp. 118. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 32. Barbosa ACC, Soares F, Franco EL, Ferenczy A, **Villa LL**. Genomic imbalances in microdissected cells from pap smears detected by comparative genomic hybridization. Oral Presentations - O-112, pp. 153. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 33. Boccardo E, **Villa LL**. TNF-alpha differentially affects NK-kappaB activation and cell cycle regulatory genes expression in normal and HPV-immortalized or transformed human keratinocytes. Oral Presentations - O-124, pp. 163. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 34. Boccardo E, Noya F, Broker TR, Chow LT, **Villa LL**. Resistance to TNF-alpha mediated cell proliferation arrest/DNA synthesis inhibition by HPV-18 oncoproteins in organotypic cultures of primary human keratinocytes. Oral Presentations - O-125, pp. 163. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 35. Maciag PC, Schlecht N, Souza PSA, Rabachini T, Rohan T, Franco EL, **Villa LL**. Polymorphism of the human leukocyte antigen DRB1 gene plays a role in the Natural History of Human Papillomavirus infection. Oral Presentations - O-132, pp. 169. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 36. Sicheo L, Junes K, Souza PSA, Maciag P, Franco EL, **Villa LL**. Diverse distribution of human papillomavirus type 16 E6 variants in cervical carcinomas and normal cervical smears specimens from brazilian women. Oral Presentations - O-157, pp. 188. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-

- 7, 2001.
37. Junes K, Sichero L, Mello W, Noronha V, Maciag PC, **Villa LL**. HPV-16 intratypic variability in tumor from an admixed population from Brazil. Oral Presentations - O-158, pp. 188. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 38. Picconi MA, Tonon SA, Alonio LV, Zinovich JB, Basiletti JA, Nardari W, **Villa LL**, Teyssié AR. HPV molecular variability in cervical samples from Guarani Indians inhabiting Misiones, Argentina. Oral Presentations - O-159, pp. 189. 19th International Papillomavirus Conference, Florianópolis, BR, September 1-7, 2001.
 39. Siegel EM, Roe DJ, Papenfuss M, Marshall JR, Craft N, **Villa LL**, Franco EL, Giuliano A. Characterization of serum retinoids from multiple measures in the Ludwig-McGill Natural History Cohort. Proceedings – Vol.43 - 93rd Annual Meeting – AACR – American Association for Cancer Research. San Francisco, California, USA, April 6-10, 2002.
 40. Schlecht N, Trevisan A, Rohan T, Ferenczy A, Villa L, Franco E. Viral burden as a predictor of lesion incidence in cervical intraepithelial neoplasia. 16th World Congress of Epidemiology of the International Epidemiological Association, Montreal, Canada, August 2002.
 41. **Villa LL**, Costa R, Petta C, Andrade R, Ault KA, Giuliano A, Wheeler C, Jansen K, Smith J, Skulski D, Dicello A, Suhr G, Railkar R, Barr E. A dose-ranging safety and immunogenicity study of a quadrivalent HPV (types 6/11/16/18) L1 VLP Vaccine in women. Final Programs & Abstracts - (O 99) pp. 97 - 20th International Papillomavirus Conference, Paris, FR, October 4-9, 2002
 42. Trevisan A, Schlecht N, Rohan T, Ferenczy A, Franco E, **Villa LL**. Physical state of HPV-16 DNA and viral load in cervical smears from the Ludwig-McGill cohort. Final Programs & Abstracts - (P094) pp. 140 - 20th International Papillomavirus Conference, Paris, FR, October 4-9, 2002.
 43. Sichero L, Maciag P, **Villa LL**, Different P97 promoter activity among natural variants of Human Papillomavirus type 16ⁿ - Final Programs & Abstracts - (P105) pp. 143 - 20th International Papillomavirus Conference, Paris, FR, October 4-9, 2002.
 44. Rabachini T, Koushik A, Ghosh A, Morse R, Matlashewski G, Ferenczy A, Rohan TE, Franco EL, **Villa LL**. p53 codon 72 polymorphism and HPV persistence in cervical neoplasia. Final Programs & Abstracts - P350) pp. 225 - 20th International Papillomavirus Conference, Paris, FR, October 4-9, 2002.
 45. Rabachini T, Koushik A, Ghosh A, Morse R, Matlashewski G, Ferenczy A, Rohan TE, Franco EL, **Villa LL**. The effect of inter-methodology variation in p53 codon 72 polymorphism assessment. Final Programs & Abstracts - (P351) pp. 225 - 20th International Papillomavirus Conference, Paris, FR, October 4-9, 2002.
 46. Tonon SA, Picconi MA, Zinovich JB, Nardari W, Ampaey M, Badano I, Di Lello F, Galuppo JA, Alonio LV, **Villa LL**, Teyssié AR. HPV cervical infection in Guarani Indians from the rain forest of Misiones, Argentina. Final Programs & Abstracts - (P374) pp. 233 - 20th International Papillomavirus Conference, Paris, FR, October 4-9, 2002.
 47. Rousseau MC, Abrahamowicz M, **Villa LL**, Costa MC, Rohan TE, Franco EL. Predictors of cervical infection with multiple human papillomavirus types in a cohort of Brazilian women. Biennial Meeting of the Canadian Society of Epidemiology and Biostatistics, Halifax, NS, Canada, June 2003.
 48. Lau S, Pintos J, **Villa L**, Ferenczy A, Franco E. HPV DNA detection as a predictor of lesion progression among women with ASCUS cytological diagnoses. 13th Annual Meeting, Society of Obstetricians and Gynecologists of Canada, Prince Edward Island, Canada, June 2003.
 49. Siegel EM, Craft N, Roe DJ, Ferreira S, Duarte-Franco E, **Villa LL**, Franco EL, Giuliano AR. Factors Associated with Circulating Endogenous Retinoic Acid Among Women: Ludwig-McGill HPV Natural History Cohort . 2nd American Association for Cancer Research's International Frontiers in Cancer Prevention Research Conference, Phoenix, Arizona, USA, October 2003.
 50. Sichero L, Franco EL, **Villa LL**. Different P105 promoter activity among naturally occurring variants of human papillomavirus type 18. Final Programs - (212 - Oral Session VIII – Variants of HPV) pp. 186 - 21th International Papillomavirus Conference, Mexico City, MX, February 20-26, 2004.
 51. Trevisan A, Schlecht NF, Ferreira S, Sichero L, Franco EL, **Villa LL**. Correlates of viral load variability by real-time and low-stringency PCR testing of cervical smears. Final Programs (253 - Poster Session II) pp. 212 - 21th International Papillomavirus Conference, Mexico City, MX, February 20-26, 2004.
 52. Duarte-Franco E, Mahmud S, Robitaille J, Santos M, Rohan T, Ferenczy A, **Villa LL**, Franco EL. Cervical inflammation as predictors of incident HPV infection in a long-term cohort study of women of screening age. Final Programs (254 - Poster Session II) pp. 212 - 21th International Papillomavirus Conference, Mexico City, MX, February 20-26, 2004.
 53. Prado JCM, Junes KS, Franco EL, **Villa LL**. HPV-58 variants in women from the Ludwig/McGill cohort study. Final Programs - (459 - Poster Session III) pp. 341 - 21th International Papillomavirus Conference, Mexico City, MX, February 20-26, 2004.
 54. Siegel EM, Giuliano AR, Craft N, Ferreira S, Duarte-Franco E, **Villa LL**, Franco EL. Circulating antioxidant nutrients and clearance of HPV infection among women in the Ludwig-McGill natural history cohort. 21st International Papillomavirus Conference, Mexico City, Mexico, February 2004.

55. Siegel EM, Craft N, Ferreira S, Duarte-Franco E, **Villa LL**, Franco EL, Giuliano AR. Effect of endogenous retinoic acid on type-specific HPV clearance in women participating in the Ludwig-McGill HPV natural history cohort. 21st International Papillomavirus Conference, Mexico City, Mexico, February 2004.
56. Trevisan A, Schlecht NF, Mahmud SM, Ferenczy A, **Villa LL**, Franco EL. Role of integration of HPV16-DNA in the Natural History of Cervical Neoplasia. Final Programs - (617 - Poster Session IV) pp. 431 - 21th International Papillomavirus Conference, Mexico City, MX, February 20-26, 2004.
57. Thomann P, Mahmud SM, Pastrana D, Schiller JT, Trevisan A, **Villa LL**, Franco EL. Pseudovirus neutralizing serum antibodies and VLP ELISA IGG Seroreactivity to HPV-16: Do they indicate a protective immune response? Final Programs - (407 - Poster Session) pp. 311 - 21th International Papillomavirus Conference, Mexico City, MX, February 20-26, 2004.
58. Lau S, Pintos J, **Villa LL**, Ferenczy A, Franco E. HPV DNA detection as a predictor of lesion progression among women with ASCUS cytological diagnoses. Annual Clinical Meeting of the Society of Obstetrics & Gynecology of Canada, Edmonton, Canada, June 2004
59. Rousseau MC, Mahmud S, Ferreira SL, **Villa LL**, Franco EL. Independent effect of age on human papillomavirus infection occurrence in a cohort of Brazilian women. Oral Presentation – Book of Abstracts – A-06 – pp. 12 - 22nd International Papillomavirus Conference, Vancouver, BC, Canada, Abril 30-May 6, 2005.
60. **Villa LL**, Costa RLR, Petta CA, Andrade RP, Ault KA, Giuliano AR, Wheeler CM, Koutsky LA, Malm C, Lehtinen M, Skjeldestad FE, Olsson S-E, Steinwall M, Brown DR, Kurman RJ, Ronnett BM, Stoler MH, Ferenczy A, Harper DM, Tamms GM, Yu J, Lupinacci L, Railkar R, Taddeo FJ, Jansen KU, Esser MT, Sings HL, Saah AJ, Barr E. A Randomized, Double-blind, Placebo-controlled Efficacy Trial of a Prophylactic Quadrivalent Human Papillomavirus (Types 6/11/16/18) L1 Virus-Like Particle (VLP) Vaccine in Young Women. Oral Presentation – Book of Abstracts – F-02 – pp. 32 - 22nd International Papillomavirus Conference, Vancouver, BC, Canada, Abril 30-May 6, 2005.
61. Villota C, Burzio V, Villegas J, Boccardo E, **Villa LL**, Burzio L. Down-regulation of antisense chimeric-mitochondrial RNA is associated with HPV induced transformation. Oral Presentation – Book of Abstracts – J-05 – pp. 53 - 22nd International Papillomavirus Conference, Vancouver, BC, Canada, Abril 30-May 6, 2005.
62. Mahmud S, Trevisan A, Baggio M, Galan L, Rohan T, **Villa LL**, Franco EL. Effect of menstrual cycle on HPV detection and viral load. Oral - – Book of Abstracts – OP-34 – pp. 129 - 22nd International Papillomavirus Conference, Vancouver, BC, Canada, Abril 30-May 6, 2005.
63. Spence A, Trottier H, Duarte E, Mahmud S, Rohan T, Ferenczy A, **Villa LL**, Franco E. Cigarette smoking, HPV status, and cervical lesions: A cumulative case-control analysis using repeated measurements of smoking and viral and lesion status. Oral - – Book of Abstracts – OP-36 – pp. 130 - 22nd International Papillomavirus Conference, Vancouver, BC, Canada, Abril 30-May 6, 2005.
64. Carvalho R, Casseb J, Duarte Avilla A, **Villa L**. HPV DNA prevalence in high-risk men from Brazil. - – Book of Abstracts – P-100 – pp. 195 - 22nd International Papillomavirus Conference, Vancouver, BC, Canada, Abril 30-May 6, 2005.
65. Motta L, Serafini E, Ferreira S, Salvati A, Versetti R, **Villa L**. Human papillomavirus type 16 variants in South Brazil. - – Book of Abstracts –P-343 – pp. 314 - 22nd International Papillomavirus Conference, Vancouver, BC, Canada, Abril 30-May 6, 2005.
66. Kim J, Kuntz K, Goldhaber-Fiebert J, Mahmud S, **Villa L**, Franco E, Goldie S. Calibration of a natural history model of cervical cancer using longitudinal primary data. Oral Presentation – Book of Abstracts – W-03 – pp. 97 - 22nd International Papillomavirus Conference, Vancouver, BC, Canada, Abril 30-May 6, 2005.
67. Calleja-Macias I, Prado J, **Villa L**, Bernard U. The genomic variation of HPV-31, 35, 44, 52, 53, 55, 56, 58, 66 and 68 correlates with the geographic origin and the ethnicity of the infected patient cohort. Oral Presentation – Book of Abstracts – R-03 – pp. 76 - 22nd International Papillomavirus Conference, Vancouver, BC, Canada, Abril 30-May 6, 2005.
68. Khouadri S, Gagnon S, Koushik A, Richardson H, Ferreira S, Simao J, Matlashewski G, **Villa LL**, Franco E, Coutlée F. HPV-33 polymorphism is associated with high-grade cervical lesions of the uterine cervix. 22nd International Papillomavirus Conference, Vancouver, Canada, May 2005.
69. Siegel EM, Craft N, Duarte-Franco EF, **Villa LL**, Franco EL, Giuliano AR. Associations between serum carotenoids and tocopherols and type-specific HPV persistence within the Ludwig-McGill Cohort Study. 4th Annual AACR Frontiers in Cancer Prevention Research, Baltimore, USA, October 2005.
70. **Villa LL**. Preventive Vaccines for Human Papillomavirus: Close to Market, Latest Advanced Clinical Trial Results, and Issues Related to Their Introduction. AACR Education Book, pp. 279-282 – AACR – American Association for Cancer Research – 97th Annual Meeting. Washington, DC, 1-5 de Abril, 2006.
71. **Villa LL**. (for the Future II Study Group) Efficacy of a Quadrivalent HPV (types 6, 11, 16, 18) L1 VLP Vaccine Against External Genital Disease: A Combined Analysis. Human Papillomavirus Infection and Global Prevention of Cervical Cancer - EUROGIN Final Program and Abstracts SS15-2– PP. 106. 6TH International Multidisciplinary Congress – EUROGIN - Paris, FR, April 23-26, 2006.
72. Boccardo E, Manzini C, Coló A, Carvalho AF, Brentani H, Reis LF, **Villa LL**. The effect tumor necrosis factor

- on global gene expression of HPV16 E7 expressing keratinocytes. - - Abstract Book – P-010 – pp. 116 – 23rd International Papillomavirus Conference & Clinical Workshop, Praga, Czech Republic – September 1-7, 2006.
73. Trottier H, Mahmud S, Prado J, Rohan T, **Villa LL**, Franco EL. Duration of Type - Specific HPV Infection : Results from the LUDWIG- MCGILL Cohort study. Oral presentation – Abstract Book – PS-2-3 – pp 14 – 23rd International Papillomavirus Conference & Clinical Workshop, Praga, Czech Republic – September 1-7, 2006.
74. Trevisan A, Schlecht NF, Ferreira S, Sichero L, Ferenczy A, Duarte-Franco E, Franco EL, **Villa LL**. Correlation between viral load measured by Real-Time and Low-Stringency PCR testing of cervical specimens. Oral presentation - Abstract Book – PS- 3-6 – pp. 19 – 23rd International Papillomavirus Conference & Clinical Workshop, Praga, Czech Republic – September 1-7, 2006.
75. Flores R, Silva RJC, Papenfuss M, **Villa LL**, Giuliano AR. Systematic evaluation of clinical sample collection methods for the detection of human papillomavirus infection in men. - - Abstract Book – P-111 – pp. 167 – 23rd International Papillomavirus Conference & Clinical Workshop, Praga, Czech Republic – September 1-7, 2006.
76. Giuliano AR, Lazcano E, **Villa LL**, Salmeron J, Flores R, Abrahamsen M, Papenfuss M. Natural history of HPV infection in men: The HIM study. Oral presentation. – Abstract Book – PS-26-3 – pp. 98 – 23rd International Papillomavirus Conference & Clinical Workshop, Praga, Czech Republic – September 1-7, 2006.
77. Termini L, Boccardo E, Esteves G, Hirata R, Martins W K, Coló A, Neves EJ, **Villa LL**, Reis LF. Regulation of global gene expression of high – risk HPV immortalized keratinocytes by tumor necrosis factor alpha. Oral presentation. – Abstract Book – PS-27-6 – pp. 102 – 23rd International Papillomavirus Conference & Clinical Workshop, Praga, Czech Republic – September 1-7, 2006.
78. Rabachini T, Boccardo E, **Villa LL**. Mtor activity is critical for HPV–16 immortalized keratinocytes proliferation but not normal and HPV–18 immortalized keratinocytes. - - Abstract Book – P-320 pp. 271 – 23rd International Papillomavirus Conference & Clinical Workshop, Praga, Czech Republic – September 1-7, 2006.
79. Sichero L, Ferreira S, Trottier H, Ferenczy A, Franco EL, **Villa LL**. High grade cervical lesions are caused preferentially by non-european variants of HPVs 16 and 18. - - Abstract Book – P-401 pp 312 – 23rd International Papillomavirus Conference & Clinical Workshop, Praga, Czech Republic – September 1-7, 2006.
80. Silva RJC, **Villa LL**, Casseb J. Detection of human papillomavirus infection in penile smears of HIV positive men. - - - Abstract Book – P-402 pp. 312 – 23rd International Papillomavirus Conference & Clinical Workshop, Praga, Czech Republic – September 1-7, 2006.
81. Lepique AP, **Villa LL**. Study of immune response to HPV associated tumors in mice: interactions between tumor environment and host immune system.-- - Abstract Book – P-432 pp. 327 – 23rd International Papillomavirus Conference & Clinical Workshop, Praga, Czech Republic – September 1-7, 2006.
82. Zeferino LC, Rabelo-Santos S, **Villa LL**, Costa MC, Ferreira S, Derchain S F, Sarian LO, Westin MC. Histogenesis of cervical neoplasia as related to types of human papillomavirus (HPV) and variants of HPV–16. - - Abstract Book – P-556 pp. 389 – 23rd International Papillomavirus Conference & Clinical Workshop, Praga, Czech Republic – September 1-7, 2006.
83. Tomita LY, Carneiro LC, **Villa LL**, Franco EL, Cardoso MA. Serum micronutrients in relation to Human Papillomavirus infection in Brazilian women: preliminary results. I World Congress of Public Health Nutrition and the VII Congreso de la Sociedad Española de Nutrición Comunitaria. Barcelona, ES, September 28-30, 2006.
84. Tomita LY, D'almeida V, Longatto-Fillho A, **Villa LL**, Franco EL, Cardoso, MA. Higher homocysteine and lower serum levels of a α -tocopherol are risk factors for cervical dysplasia in women living in São Paulo, Brazil. American Association for Cancer Research International Conference on Frontiers in Cancer Prevention Research; AACR; 2006 Abstract nr A163. Boston, MA, USA, November 12-15, 2006.
85. Trottier H, Mahmud S, Prado JCM, Sobrinho JS, Costa MC, Rohan TE, **Villa LL**, Franco, E.L. Duration of type-specific HPV infection: implications for HPV screening and vaccination. Abstracts – FC1-1 – page 55. New Strategies of Cervical Câncer Prevention – The Reality of HPV Vaccines – Eurogin 2007 – Monte Carlo, October 4-6, 2007.
86. Rabachini T, Boccardo E, Nonogaki S, **Villa LL**. HPV 16 e7 Confers Resistance to the Autoproliferative Effect of Rapamycin. Abstract Book – 3A-10 pp. 41 – 24th International Papillomavirus Conference & Clinical Workshop, Beijing, China, November 3-9, 2007.
87. Giuliano AR, **Villa LL**, Flores R, Salmeron J, Lee J-H, Papenfuss M, Abrahamsen M, Jolles E, Baggio I, Silva RC. Factors Associated with HPV Detection Among Men Internationally: The HIM Study. Abstract Book – 8B-04 pp. 117 – 24th International Papillomavirus Conference & Clinical Workshop, Beijing, China, November 3-9, 2007.
88. Flores R, Beibei L, Abrahamsen M, **Villa LL**, Lazcano E, Giuliano AR. Factors Associated with HPV-16 Viral Load among Men from US, Brazil and Mexico. Abstract Book – 8B-08 pp. 119 – 24th International Papillomavirus Conference & Clinical Workshop, Beijing, China, November 3-9, 2007.
89. Trottier H, Franco ED, Prado JC, Sobrinho JS, Costa MC, Rohan TE, Ferenczy A, **Villa LL**, Franco EL. HPV Infection, Cervical Neoplasia and Contraceptive Methods. Abstract Book – PS8-31 pp. 206 – 24th International

- Papillomavirus Conference & Clinical Workshop, Beijing, China, November 3-9, 2007.
90. Trevisan A, Schlecht NF, Franco EL, **Villa LL**. Validation of a New Protocol to Detect Viral HPV16 DNA Integration. Abstract Book – PS16-29 pp. 274 – 24th International Papillomavirus Conference & Clinical Workshop, Beijing, China, November 3-9, 2007.
 91. Manzini C, Boccardo E, Fiorini A, Torres C, Brentani H, **Villa LL**. HPV 16 e E7 Expression Confers Resistance to Tumor Necrosis factor (TnF): Evidences from Global Gene Expression Analysis. Abstract Book – PS21-04 pp. 336 – 24th International Papillomavirus Conference & Clinical Workshop, Beijing, China, November 3-9, 2007.
 92. Termini L, Boccardo E, Soares FA, Nonogaki S, Reis LFL, **Villa LL**. Identification and Characterization of Potential Tumor Progression Markers in Cervical Cancer Samples Abstract Book – PS21-08 pp. 337 – 24th International Papillomavirus Conference & Clinical Workshop, Beijing, China, November 3-9, 2007.
 93. Tomita LY, Longato-Filho A, Costa MC, Andreoli MA, **Villa LL**, Franco, E.L., Cardoso, M.A. – “Diet and serum micronutrients in relation to cervical neoplasia and cancer among low-income Brazilian women” – , at the XVIII IEA World Congress of Epidemiology/VII Brazilian Congress of Epidemiology – “Epidemiology in the Construction of Health for All: tools for a changing world” Diet and serum micronutrients in relation to cervical neoplasia and cancer among low-income Brazilian women”, Porto Alegre, BR, September 20-24, 2008.
 94. **Villa LL**. Long Term Efficacy Update: Quadrivalent HPV Vaccine” In Eurogin Final Programs and Abstracts – TC 2-4 pp.47 - International Multidisciplinary Conference – Eurogin 2008 – Joining Forces for Cervical Cancer Prevention – Nice, Acropolis, FR, November 12-15, 2008.
 95. **Villa LL**. High Sustained Efficacy of a Prophylactic Quadrivalent Human Papillomavirus (HPV) (Types 6,11,16,18) L1 Virus-Like Particle (VLP) Vaccine” In Eurogin Final Programs and Abstracts – SS 11-1 pp.97 - International Multidisciplinary Conference – Eurogin 2008 – Joining Forces for Cervical Cancer Prevention – Nice, Acropolis, FR, November 12-15, 2008.
 96. Rama CH, **Villa LL**, Longatto-Filho A, Pagliusi S, Andreoli MA, Thomann P, Aoki AL, Eluf-Neto J. Knowledge about Human Papillomavirus Infection, Cervical Cancer and Vaccines in Young Brazilian Women after First Delivery. In Eurogin Final Programs and Abstracts – Poster P EP-4 pp.206 - International Multidisciplinary Conference – Eurogin 2008 – Joining Forces for Cervical Cancer Prevention – Nice, Acropolis, FR, November 12-15, 2008.
 97. Trottier H, Ferreira S, Prado JCN, Sobrinho JS, Costa MC, **Villa LL**, Franco EL. HPV in older women is associated with new sexual partners. Abstract Book – O-06.02 pp. 06:2 – 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
 98. Kreimer AR, Hildesheim A, Abrahamsen M, Smith D, **Villa LL**, Lazcano-Ponce E. Oral HPV prevalence among healthy men internationally” Abstract Book – O-17.02 pp. 17:1 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
 99. Giuliano A, Lee JH, Fulp WJ, **Villa LL**, Lazcano-Ponce E, Papenfuss M, Smith D, Abrahamsen M. International HPV incidence among men ages 18-70 years. Abstract Book – O-27.06 pp. 27:3 – 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
 100. Termini L, Maciag PC, Soares FA, Nonogaki S, Alves VAF, Longato-Filho A, **Villa LL**. Kallikrein-7 and superoxide dismutase-2 as progression markers of cervical disease. Abstract Book – O-31.04 pp. 31:2 – 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
 101. Zeferino LC, Barros NKS, **Villa LL**, Alves RRF, Costa MC, Derchain SFM, Carneiro, MAS, Rabelo-Santos SH. The association of HPV and Chlamydia Trachomatis in cervical neoplasias” Abstract Book – P-06.61 pp. 06:32 – 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
 102. Bolpetti A, **Villa LL**, Lepique AP. Role of IL10 in HPV16 associated tumors in C57B/6 mice. Abstract Book – P-10.22 pp. 10:12 – 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
 103. Boccardo E, Manzini C, Torres C, Brentani H, **Villa LL**. Characterization of global gene expression alterations induced by HPV16 E7. Abstract Book – P-18.12 pp. 18:9 – 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
 104. Raiol T, Santos De Amorim RM, Galante PAF, Martins CRF, **Villa LL**, Sichero L. Influence of HPV-58 nucleotide variability on viral transcriptional activity. Abstract Book – P-18.29 pp. 18:17 – 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
 105. Anic GM, Papenfuss M, Abrahamsen M, **Villa LL**, Lazcano-Ponce E, Giuliano A. Incidence of warts and lesions in men: The HIM Study. Abstract Book – P-27.15 pp. 27:9 – 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
 106. Silva RJC, Baggio ML, Galan L, Lazcano-Ponce E, Papenfuss M, Giuliano A, **Villa LL**. Sexually transmitted infections in asymptomatic men from the HIM study. Abstract Book – P-27.25 pp. 27:14 – 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
 107. Silva RJC, Casseb J, Simões K, Alves VAF, **Villa LL**. Histopathology of penile lesions and HPV from HIV

- positive men. Abstract Book – P-27.29 pp. 27:16 – 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
108. Trevisan A, Schlecht NF, Ramana-Kumar AV, Franco E, **Villa LL**. Physical state and clearance of HPV 16 infection. Abstract Book – P-30.16 pp. 30:9 – 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
109. Trevisan A, Schlecht NF, Ramana-Kumar AV, **Villa LL**, Franco E. “HPV-16 viral load measurements and duration of infection”. Abstract Book – P-30.24 pp. 30:13 – 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
110. Nyitray A, Kim J, Hsu C, Papenfuss M, Lee J, **Villa LL**, Lazcano-Ponce E, Giuliano A. “Test-retest reliability for multinational sexual behavior interviews: The Him Study”. Abstract Book – P-30.25 pp. 30:13 – 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
111. Zeferino LC, Ribeiro AA, **Villa LL**, Alves RRF, Costa MC, Derchain SFM, Carneiro MAS, Rabelo-Santos SH. “Prevalence of specific HPV types in women with cervical lesions.” Abstract Book – P-31.48 pp. 31:26 – 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
112. Lu B, Viscidi R, Wu Y, Lazcano-Ponce E, **Villa LL**, Smith D, Papenfuss M, Abrahamsen M, Giuliano A. Seroepidemiology of human papillomavirus 11, 16 and 18 in men. Abstract Book – O-13.03 pp. 13:2 – 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
113. Nyitray A, Smith D, **Villa LL**, Lazcano-Ponce E, Abrahamsen M, Giuliano A. High anal HPV prevalence in multinational samples: The Study HIM. Abstract Book – O-27.08 pp. 27:4 – 25th International Papillomavirus Conference Clinical and Educational Workshop, Malmö, SW, May 8-14, 2009.
114. Kreimer AR, Hildesheim A, Abrahamsen M, Smith D, Papenfuss M, **Villa LL**, Lazcano E, Giuliano AR. Oral HPV persistence at 6- and 12- months among healthy men: the Him Study. Abstract Book - 254 pp. 76. 26th International Papillomavirus Conference & Clinical and Public Health Workshops, Montréal, CA, July 3-8, 2010.
115. Lu B, Viscidi R, Lazcano-Ponce E, Villa LL, Abrahamsen M, Smith D, Papenfuss M, Giuliano A. Association between HPV-16 L1 VLP serum antibodies and future risk of genital HPV infections in men. Abstract Book – 315 - pp. 82. 26th International Papillomavirus Conference & Clinical and Public Health Workshops, Montréal, Canada – July 3-8, 2010.
116. Sichero L, Sobrinho JS, **Villa LL**. Identification of Cellular Transcription Factors that Regulate HPVs 18 and 16 early promoters. Abstract Book - P-265 pp. 140. 26th International Papillomavirus Conference & Clinical and Public Health Workshops, Montréal, CA, July 3-8, 2010.
117. Nyitray AG, da Silva RJC, Smith D, Abrahamsen M, Papenfuss M, **Villa LL**, Lazcano-Ponce E, Giuliano AR. Risk factors and age-specific prevalence for anal HPV among men having sex with women and men having sex with men. Abstract Book - P-599 pp. 183. 26th International Papillomavirus Conference & Clinical and Public Health Workshops, Montréal, CA, July 3-8, 2010.
118. Nyitray AG, da Silva RJC, Lin H-Y, Smith D, Abrahamsen M, Papenfuss M, **Villa LL**, Lazcano-Ponce E, Giuliano AR. Type-specific incidence and persistence of anal HPV in men after six months of follow up. The HIM study. Abstract Book - P-600 pp. 183. 26th International Papillomavirus Conference & Clinical and Public Health Workshops, Montréal, CA, July 3-8, 2010.
119. Carvalho da Silva R, Casseb JS, **Villa LL**. Persistence, acquisition and clearance of HPV DNA in penile in HIV positive men. Abstract Book - P-769 pp. 215. 26th International Papillomavirus Conference & Clinical and Public Health Workshops, Montréal, CA, July 3-8, 2010.
120. **Villa LL**. Update on Gardasil (Quadrivalent HPV 6/11/16/18 Vaccine) Clinical Trial Efficacy Results. 14th World Congress of Cervical Pathology and Colposcopy – IFCPC. -. Official Program. pp87. Rio de Janeiro, BR, July 4-7, 2011.
121. Termini L, Andreoli MA, Morais SS, Rabelo Santos SH, Zeferino LC, **Villa LL**. Human papillomavirus genotyping using matched cervical smears and paraffin-embedded tissues. 14th World Congress of Cervical Pathology and Colposcopy – IFCPC. -. Official Program. pp68. Rio de Janeiro, BR, July 4-7, 2011.
122. Sichero L, Sobrinho JSP, Villa LL. Biological Differences among Molecular Variants of HPV-16. 14th World Congress of Cervical Pathology and Colposcopy – IFCPC. -. Official Program. pp48. Rio de Janeiro, BR, July 4-7, 2011.
123. Fregnani JH, **Villa LL**, Arcadepiani T, Rodrigues SL, Mauad EC. Preliminary results of a school-based HPV vaccination in Brazil: A pioneering project designed by the Barretos Cancer Hospital. Abstract Book a-373. 17th International Meeting of the European Society of Gynaecological Oncology (ESGO). Milan, ITA, September 11-14, 2011.
124. Tota J, Agnihotram RV, Coutlee L, **Villa L**, Richardson H, Burchell A, Koushik A, Mayrand MH, Franco EL. Epidemiologic Approach To Evaluate Potential For Hpv Type Replacement Postvaccination. 27th International Papillomavirus Conference and Clinical Workshop. Epidemiology/Public Health-Abstract Book. O-01.04 - Pg 07 - Berlin, GE, September 17-22, 2011.
125. Rabelo-Santos SH, Barros NkS, Costa MC, Alves RRF **Villa LL**, Derchain SFM Carneiro MAS, Saddi VA, Zeferino LC, Ximenes Y. Chlamydia Trachomatis and HPV in Women With Cervical Abnormalities. 27th

- International Papillomavirus Conference and Clinical Workshop. *Epidemiology/Public Health-Abstract Book*. P-02.20 - Pg.37. Berlin, GE, September 17-22, 2011.
126. Sichert L, Ferreira S, Giuliano AR, Lazcano-Ponce E, **Villa LL**. Prevalence of Beta-Papillomavirus in Men Genitals. 27TH International Papillomavirus Conference and Clinical Workshop. *Epidemiology/Public Health-Abstract Book*. -06.13 – pg 126. Berlin, GE, September 17-22, 2011.
127. Nyitray A, Carvalho da Silva RJ, Baggio ML, Salmeron J, Quiterio M, Abrahamsen M, Papenfuss, **Villa LL**, Lazcano-Ponce E, Giuliano AR. Smoking is Associated with Persistence of Anal HPV Among MSM. 27TH International Papillomavirus Conference and Clinical Workshop. *Epidemiology/Public Health-Abstract Book*. P-06.15 – Pag 127. Berlin, GE, September 17-22, 2011.
128. Rabelo-Santos SH, Barros NKS, Alves RRF, A Trevisan, Andreoli MA, Ribeiro AA, **Villa LL**, Derchain FM, Carneiro MAS, Zeferino LC. Correlation between HPV-16 Viral Load and Severity of Cervical Neoplasia. 27TH International Papillomavirus Conference and Clinical Workshop. *Epidemiology/Public Health-Abstract Book*. P-07.10 pg.144. Berlin, GE, September 17-22, 2011.
129. S Rabelo - Santos, A Ribeiro, M Costa, R Alves, **L Villa**, S Derchain, M Carneiro, V Saddi, L Zeferino. Risk Factors of HPV Positivity and HPV Related Lesions. 27TH International Papillomavirus Conference and Clinical Workshop. *Epidemiology/Public Health-Abstract Book*. P-07.11 – pg.145. Berlin, GE, September 17-22, 2011.
130. G Albero, **L Villa**, E Lazcano, W Fulp, M Papenfuss, A Nyitray, B Lu, X Castellsague, A Giuliano. Male Circumcision and Genital HPV Prevalence in the HIM Study. 27TH International Papillomavirus Conference and Clinical Workshop. *Epidemiology/Public Health-Abstract Book*. P-07.18 – Pag. 148. Berlin, GE, September 17-22, 2011.
131. C J Alberts, M R Papenfuss, R Carvalho Silva, **L L Villa**, E Lazcano, A G Nyitray, M F Schim van der Loeff, A R Giuliano. Association of HSV-2 and CT Infections with HPV in Men. 27TH International Papillomavirus Conference and Clinical Workshop. *Epidemiology/Public Health-Abstract Book*. P-07.20 – pag.149. Berlin, GE, September 17-22, 2011.
132. B Lu, R P Viscidi, A G Nyitray, **L L Villa**, E Lazcano - Ponce, M Abrahamsen, D C Smith, M Papenfuss, A R Giuliano. HPV Acquisition and Clearance Associated With Enrollment Serostatus in Men. 27TH International Papillomavirus Conference and Clinical Workshop. *Applied/Clinical Science-Abstract Book*. O-11.02 – pg.06. Berlin, GE, September 17-22, 2011.
133. E Siegel, N Patel, L Galan, B Lu, A Nyitray, X Huang, **L Villa**, E Franco, A Giuliano. Biomarkers of Iron Storage and Type Specific Human Papillomavirus Clearance. 27TH International Papillomavirus Conference and Clinical Workshop. *Applied/Clinical Science-Abstract Book*. P-14.30 pg 66. Berlin, GE, September 17-22, 2011.
134. L Termini, MA Andreoli, MC Costa, KB Ribeiro, L Kagohara, S Nonogaki, GC Guimaraes, A Longatto-Filho, F A Soares, **L L Villa**. Expression of SOD2 Correlates with Regional Metastasis in Penile Carcinoma. 27TH International Papillomavirus Conference and Clinical Workshop. *Applied/Clinical Science-Abstract Book*. P-14.41 – pg. 72. Berlin, GE, September 17-22, 2011.
135. M Chevarie-Davis, A V Ramanakumar, S Ferreira, A Ferenczy, **L L Villa**, E Franco. Cervical Lesion Risk Prediction with HPV DNA Testing and Cytology. 27TH International Papillomavirus Conference and Clinical Workshop. *Applied/Clinical Science-Abstract Book*. P-17.39 – pg. 139. Berlin, GE, September 17-22, 2011.
136. L Zeferino, M Discacciati, I Silva, **L Villa**, S Rabelo-Santos, L Reis, P Hayashi, M Costa. HPV-DNA and E6/E7 mRNA Prognostic Factors For Expectant Management CIN2. 27TH International Papillomavirus Conference and Clinical Workshop. *Applied/Clinical Science-Abstract Book*. P-19.23 – pg.173. Berlin, GE, September 17-22, 2011.
137. J Levi, A Longatto - Filho, J Eluf, C Rodrigues, C Oliveira, A Cruvinel, M Tacla, J Fregnani, A Saber, **L Villa**. Evaluation of HPV Molecular Tests In Screening For Cervical Cancer. 27TH International Papillomavirus Conference and Clinical Workshop. *Applied/Clinical Science-Abstract Book*. OP-211 – pg 184. Berlin, GE, September 17-22, 2011.
138. E Boccardo, L B da Silva Cardeal, L Termini, T Rabachini, M A Andreoli, A Longatto Filho, **LL Villa**, S Stuchi, SS Maria–Engler. HPV16 Oncoproteins Induce MMPS/RECK-TIMP-2 Imbalance in Primary Keratinocytes. 27TH International Papillomavirus Conference and Clinical Workshop, *Basic Science Abstract Book* O-24.06 - pg. 40. Berlin, GE, September 17-22, 2011.
139. Villota C, A Campos, M Varas, E Boccardo, **L Villa**, L Burzio. Modulation of Mitochondrial NCRNA Expression by HPV Proteins. 27TH International Papillomavirus Conference and Clinical Workshop, *Basic Science Abstract Book* P-24.15 - pg. 45. Berlin, GE, September 17-22, 2011.
140. E Boccardo, I Haga, A P Lepique, **L L Villa**. HPV16 Oncoproteins Alter Cytokine Secretion Induced by TLR5 Ligands. 27TH International Papillomavirus Conference and Clinical Workshop, *Basic Science Abstract Book* P-25.19 - pg.71. Berlin, GE, September 17-22, 2011.
141. Lepique A, **Villa LL**. Systemic Effects of HPV Associated Tumors. 27TH International Papillomavirus Conference and Clinical Workshop, *Basic Science Abstract Book* OP-302 – pg.125. Berlin, GE, September 17-22, 2011.

142. **Villa LL**. Why many women are still dying of cervical cancer in Latin America? 27TH International Papillomavirus Conference and Clinical Workshop, Opening Ceremony Presentations Abstract Book, pg.46. Berlin, GE, September 17-22, 2011.
143. Castro-Sobrinho JM, Rabelo-Santos S-H, Alves RRF, Derchain SFM, de Moraes DRP, Campos EA, **Villa LL**, Zeferino LC. Association of bacterial vaginosis and inflammation with severity of cervical neoplasia in women HPV positive. Abstracts Book. Basic Science/ Transformation and carcinogenesis. Pag. 63. 28th International Papillomavirus Conference – San Juan, Puerto Rico, Nov 30 - Dec 6, 2012
144. Castro-Sobrinho JM, Rabelo-Santos SH, Alves RRF, Derchain SFM, Sarian LOZ, de Moraes DRP, Campos EA, **Villa LL**, Zeferino LC. Association of Chlamydia trachomatis infection in HPV positive women with severity of cervical neoplasia. Abstracts Book. Basic Science/ Transformation and carcinogenesis. Pag. 64. 28th International Papillomavirus Conference – San Juan, Puerto Rico, Nov 30 - Dec 6, 2012
145. Carneiro ALBM, Alves RRF, **Villa LL**, Ferreira S, Carneiro MAS, Derchain SFM, Zeferino LC, Saddi VA, Rabelo-Santos S-H. Distribution and association of HPV-16 variants with severity of cervical neoplasia. Abstracts Book. Basic Science/ Transformation and carcinogenesis. Pag. 65. 28th International Papillomavirus Conference – San Juan, Puerto Rico. Nov 30 - Dec 6, 2012
146. Sichero L, Sobrinho JS, **Villa LL**. Identification of novel cellular transcription factors that regulate HPVs 18 and 16 early Promoters. Abstracts Book. Basic Science/ Virus life cycle. Pag. 138 28th International Papillomavirus Conference – San Juan, Puerto Rico, Nov 30 - Dec 6, 2012
147. Rahal, P, Calmon M. Mota MTO, Candido NM, Girol AP, Mendiburu C, Thomé J, Rosa B, Soares F, Oliani S, **Villa LL**, Vassallo J. A overexpression of ANXA1 in penile carcinomas positive for high risk HPVs. Abstracts Book – Clinical Science Biomarkers: New and improved for cancer prevention/management of disease. Pag. 4 - 28th International Papillomavirus Conference – San Juan, Puerto Rico, Nov 30 - Dec 6, 2012
148. Viscidi RP, **Villa LL**, Lazcano-Ponce E, Salmerón J, Carvalho da Silva RJ, Baggio ML, Quiterio M, Smith DC, Abrahamsen M, Papenfuss M, Giuliano AR. Capsid Antibody Response to Genital HPV 6, 11, 16 and 18 Infection in Healthy Men. Abstracts Book – Clinical Science Clinical immunology. Pag. 63 - 28th International Papillomavirus Conference – San Juan, Puerto Rico, Nov 30 - Dec 6, 2012
149. Amaro Filho SM, Golub J. E, Nuovo G.J, Cunha CB, Levi JE, **Villa LL**, Andrade CV, Russomano F, Tristão A, Pires A, Pirmez C, Nicol AF. Comparative analysis of biomarkers in the invasive cervical cancer: correlation with HPV type. Abstracts Book - Epidemiology / Public Health- Biomarkers. Pag. 6. 28th International Papillomavirus Conference – San Juan, Puerto Rico, Nov 30 - Dec 6, 2012
150. Siegel EM, Patel N, Lu B, Lee J-H, Nyitray AG, Craft NE, Frenkel K, Huang X, **Villa LL**, Franco EL, Giuliano AR. Oxidant load biomarkers are not associated with risk of cervical squamous intraepithelial lesion (SIL) up to 24 months prior to lesion detection. Abstracts Book - Epidemiology / Public Health- Biomarkers. Pag. 19. 28th International Papillomavirus Conference – San Juan, Puerto Rico, Nov 30 - Dec 6, 2012
151. Trottier H, Mayrand M-H, Pinto MLBG, Galan L, Ferenczy A, **Villa LL**, Franco EL, for the Ludwig-McGill Cohort Study Group. Risk of HPV infection and cervical neoplasia after pregnancy. Abstracts Book - Epidemiology / Public Health Epidemiology/Natural history of anogenital HPV in females Pag. 40. 28th International Papillomavirus Conference – San Juan, Puerto Rico, Nov 30 - Dec 6, 2012
152. Sichero L, Nyitray AG, Sobrinho JS, Giuliano AR, Lazcano-Ponce E, **Villa LL**, for the HIM study group. Broad HPV distribution of HPV in the anal canal of men from the HIM study. Abstracts Book - Epidemiology / Public Health. Epidemiology / Natural history of anogenital HPV in females. Pag. 144 28th International Papillomavirus Conference – San Juan, Puerto Rico, Nov 30 - Dec 6, 2012
153. Albero G, **Villa LL**, Lazcano-Ponce E, Fulp W, Papenfuss, MR, Castellsague X, Nyitray AG, Lu Abrahamsen M, Bosch FX, Giuliano AR. The influence of male circumcision on the incidence and clearance of genital Human Papillomavirus infection in men: Results from the HIM Study. Abstracts Book - Epidemiology / Public Health. Epidemiology / Natural history of anogenital HPV in males. Pag. 161 28th International Papillomavirus Conference – San Juan, Puerto Rico, Nov 30 - Dec 6, 2012
154. Nyitray AG, Carvalho da Silva RJ, Baggio ML, Salmerón J, Quiterio M, Abrahamsen M, Papenfuss M, **Villa LL**, Lazcano-Ponce E, Giuliano AR. Alcohol consumption and inconsistent condom use increase risk for acquisition of oncogenic genital HPV among gay men in South and North America: the HIM Study. Abstracts Book - Epidemiology / Public Health. Epidemiology / Natural history of anogenital HPV in males. Pag. 162 28th International Papillomavirus Conference – San Juan, Puerto Rico, Nov 30 - Dec 6, 2012
155. Schabath MB, **Villa LL**, Fulp WJ, Lin H-Y, Lazcano-Ponce E, Salmerón J, Quiterio M, Giuliano AR. Racial differences in the incidence and clearance of human papillomavirus (HPV): The HPV in Men (HIM) Study. Abstracts Book - Epidemiology / Public Health. Epidemiology / Natural history of anogenital HPV in males. Pag. 173. 28th International Papillomavirus Conference – San Juan, Puerto Rico. Nov 30 - Dec 6, 2012
156. Lu B, Lin H-Y, Nyitray A, **Villa LL**, Lazcano-Ponce E, Salmerón J, Carvalho da Silva RJ, Baggio ML, Quiterio M, Smith DC, Abrahamsen M, Papenfuss M, Giuliano AR. Reinfection with Type-specific Genital Human Papillomavirus (HPV) is Associated with Age and Duration of Initial HPV Infection. Abstracts Book - Epidemiology / Public Health. Epidemiology / Natural history of anogenital HPV in males. Pag. 174 28th

- International Papillomavirus Conference – San Juan, Puerto Rico. Nov 30 - Dec 6, 2012
157. Schabath MB, **Villa LL**, Fulp WJ, Lin H-Y, Lazcano-Ponce E, Salmerón J, Quiterio M, Giuliano AR. Smoking influences Human Papillomavirus (HPV) incidence among men in the The HPV in Men (HIM) Study. Abstracts Book - Epidemiology / Public Health. Epidemiology / Natural history of anogenital HPV in males. Pag. 177 28th International Papillomavirus Conference – San Juan, Puerto Rico. Nov 30 - Dec 6, 2012.
158. Rahal P, Matos RPA, Bonfim CM, Mansur IM, Bittar C, Nogueira RL., Kupper DS, Valera FCP, Nogueira ML, **Villa LL**, Sichero L, Calmon MF. Human Papillomavirus types 6 and 11 E6 variants from laryngeal papillomatosis in Brazilian patients. Abstracts Book - Epidemiology / Public Health. Epidemiology / Natural history of HPV in non-genital organs. Pag. 182 28th International Papillomavirus Conference – San Juan, Puerto Rico, Nov 30 - Dec 6, 2012
159. Campbell CMP, Kreimer AR, Lin H-Y, Fulp W, Abrahamsen M, Papenfuss MR, Smith D, Hildesheim A, **Villa LL**, Lazcano-Ponce E, Giuliano AR. Incidence and clearance of oral oncogenic human papillomavirus (HPV) in men (HIM): a cohort study. Abstracts Book - Epidemiology / Public Health. Epidemiology / Natural history of HPV in non-genital organs Pag. 214 28th International Papillomavirus Conference – San Juan, Puerto Rico, Nov 30 - Dec 6, 2012
160. Tota JE, Ramana-Kumar AV, **Villa LL**, Richardson H, Burchell AN, Koushik A, Coutlée, MHMF, Franco EL. Assessing the potential for HPV type replacement post-vaccination must take into account unmasking of hidden HPV types: Unmasking of HPV-52 by HPV-16 in cervical samples from unvaccinated women. Abstracts Book - Epidemiology / Public Health. Measuring the impact of HPV vaccination. Pag. 256 28th International Papillomavirus Conference – San Juan, Puerto Rico, Nov 30 - Dec 6, 2012
161. August EM, Kromrey J, Daley E, Baldwin J, Romero-Daza N, Salmeron J, Lazcano-Ponce E, **Villa LL**, Bryant CA, Giuliano AR. The impact of testing for the human papillomavirus and other sexually transmitted infections on sexual behavior among men in Brazil, Mexico, and the United States. Abstracts Book - Epidemiology / Public Health. Population impact of screening. Pag. 380 28th International Papillomavirus Conference – San Juan, Puerto Rico, Nov 30 - Dec 6, 2012
162. Campbell CMP, Fulp W, Lin H-Y, Papenfuss MR, Lazcano-Ponce E, **Villa LL** and Giuliano AR. Effects of condom use on genital human papillomavirus (HPV) incidence and clearance in men: the HPV in Men Study. Abstracts Book - Epidemiology / Public Health. The human element: Sociocultural and psychosocial factors related to cervical cancer prevention Pag. 419 28th International Papillomavirus Conference – San Juan, Puerto Rico, Nov 30 - Dec 6, 2012.
163. Bonfim CM, Sobrinho JS, **Villa LL**, Rahal P, Sichero L. Different promoter activity among natural variants of Human papillomavirus type 6. Program Book. Basic Science -s – BS.PP03: Regulation of Gene Expression. Pag. 125-BS.PP03.02. 29th International Papillomavirus Conference and Public Health & Clinical Workshops – Seattle, WA, USA. August 21-25, 2014.
164. Morale MG, Oliveira LB, Tomazella T, **Villa LL**, Boccardo E. Study of E6 and E7 proteins from HPV and its effects on toll like receptors signaling pathways. Program Book. Basic Science -s – BS.PP03: Regulation of Gene Expression. Pag. 125-BS.PP03.05. 29th International Papillomavirus Conference and Public Health & Clinical Workshops – Seattle, WA, USA. August 21-25, 2014.
165. Hochman J, Sobrinho JS, Ferreira S, **Villa LL**, Sichero L. Angiogenesis related proteins in keratinocytes transducing different molecular variants of HPV-16. Program Book. Basic Science -s – BS.PP04: Transformation and Carcinogenesis. Pag. 127-BS.PP04.05. 29th International Papillomavirus Conference and Public Health & Clinical Workshops – Seattle, WA, USA. August 21-25, 2014.
166. Termini L, Santos FFA, Lima RA, Longatto-Filho A, Boccardo E, **Villa LL**. Characterization of alterations in IL-1 signaling pathway in HPV positive cells. Program Book. Basic Science -s – BS.PP05: Virus – Host Interactions. Pag. 129-BS.PP05.06. 29th International Papillomavirus Conference and Public Health & Clinical Workshops – Seattle, WA, USA. August 21-25, 2014.
167. Discacciati M, Gimenes F, Termini L, Costa MC, Boccardo E, Derchain S, Bahamondes L, Traue M, Teixeira JC, Zonta MA, Longatto-Filho A, Andrade L, Zeferino L, **Villa LL**, Consolaro M, Maria-Engler S. Chlamydia *trachomatis* infection and increased expression of matrix metalloproteinase-9: possible implication in cervical carcinogenesis. Program Book. Clinical Science -s. Pag. 136-CS.PP02.07. 29th International Papillomavirus Conference and Public Health & Clinical Workshops – Seattle, WA, USA. August 21-25, 2014.
168. Nyitray A, Chang M, Silva RC, Baggio M, Salmerón J, Quiterio M, Abrahamsen M, Papenfuss M, **Villa LL**, Lazcano-Ponce E, Giuliano A. High-risk genital HPV incidence among men having sex with Men (MSM) is only modestly higher than genital incidence among men having sex with women (MSW): The HIM Study. Program Book. Public Health Science -s. Pag. 170-PH.PP02.74. 29th International Papillomavirus Conference and Public Health & Clinical Workshops – Seattle, WA, USA. August 21-25, 2014.
169. Pierce Campbell C, Kreimer A, Viscidi R, Lin H-Y, Fulp W, Abrahamsen M, Lazcano-Ponce E, **Villa LL**, Giuliano A. Serum antibodies and risk of subsequent oral HPV infection in men: The HIM Study. Program Book. Public Health Science -s. Pag. 171-PH.PP02.80. 29th International Papillomavirus Conference and Public Health & Clinical Workshops – Seattle, WA, USA. August 21-25, 2014.

170. Schabath M, **Villa LL**, Lin H-Y, Fulp W, Lazcano-Ponce E, Salmerón J, Quiterio M, Giuliano A. Smoking and incidence of HPV-Related external genital lesions among men in the HPV in men (HIM) study. Program Book. Public Health Science -s. Pag. 187-PH.PP04.13. 29th International Papillomavirus Conference and Public Health & Clinical Workshops – Seattle, WA, USA. August 21-25, 2014.
171. Sichero L, Ferreira S, Pierce-Campbell CM, Baggio ML, Galan L, Silva RC, Lazcano-Ponce E, Giuliano AR, **Villa LL**. Prevalence and persistence of HPV-16 variant among men with incident external genital lesions: The HIM Study. Program Book. Public Health Science -s. Pag. 174-PH.PP02.97. 29th International Papillomavirus Conference and Public Health & Clinical Workshops – Seattle, WA, USA. August 21-25, 2014.
172. Sichero L, Pierce-Campbell CM, Ferreira S, Sobrinho JS, Baggio ML, Galan L, Silva RC, Lazcano-Ponce E, Giuliano AR, **Villa LL**. High genital prevalence of beta human papillomavirus DNA among men: a subcohort within the HIM Study. Program Book. Public Health Science -s. Pag. 175-PH.PP02.98. 29th International Papillomavirus Conference and Public Health & Clinical Workshops – Seattle, WA, USA. August 21-25, 2014.
173. Sichero L, Nyitray A, Nepal B, Nunes EM, Ferreira S, Sobrinho JS, Baggio ML, Galan L, Silva RC, Lazcano-Ponce E, Giuliano AR, **Villa LL**. Risk factors associated with unclassified HPV types in the anal canal of men. Program Book. Public Health Science -s. Pag. 175-PH.PP02.99. 29th International Papillomavirus Conference and Public Health & Clinical Workshops – Seattle, WA, USA. August 21-25, 2014.
174. Bolpetti A, Pinto G, Pereira-Martins AC, **Villa LL**, Candeias JM, Silva M. Persistence rate of Human Papillomavirus (HPV) in Women of reproductive age – preliminary data. Program Book. Public Health Science -s. Pag. 175-PH.PP02.100. 29th International Papillomavirus Conference and Public Health & Clinical Workshops – Seattle, WA, USA. August 21-25, 2014.
175. Luu HN, Scheurer ME, **Villa LL**, Abrahamsen M, Papenfuss M, Lazcano-Ponce E, Nyitray AG, Giuliano AR. The association between frequent use of aspirin and other non-steroidal anti-inflammatory drugs (NSAIDs) and genital infection in men: The HIM Study. Program Book. Public Health Science -s. Pag. 186-PH.PP04.09. 29th International Papillomavirus Conference and Public Health & Clinical Workshops – Seattle, WA, USA. August 21-25, 2014.
176. Giuliano AR, Viscidi RP, Lu B, Torres BN, Lin H-Y, Fulp W, Abrahamsen M, Lazcano-Ponce E, **Villa LL**. HPV seroconversion differs significantly by HPV type and anatomic site of infection among men: Results from the HPV infection in Men (HIM) Study. Program Book. Main Conference. Public Health Sciences. PH.OA05:Epidemiology: Non-cervical sites. Pag. 96. PH.OA05.01. 29th International Papillomavirus Conference and Public Health & Clinical Workshops – Seattle, WA, USA. August 21-25, 2014.
177. Albero G, Castellsagué X, Lin H-Y, Fulp WJ, Pierce-Campbell CM, Messina J, Stoler MH, Papenfuss MR, Abrahamsen M, **Villa LL**, Lazcano-Ponce E, Bosch FX, Giuliano AR. Male Circumcision and risk of external genital lesions by anatomic subsite: Results from the HPV infection in Men (HIM) Study. Program Book. Main Conference. Public Health Sciences. PH.OA01:Epidemiology. Pag. 52. PH.OA01.06. 29th International Papillomavirus Conference and Public Health & Clinical Workshops – Seattle, WA, USA. August 21-25, 2014.
178. Garces, A H I, Inada, H K P, Mora, P, Torres, M, Almeida, F M, Longatto-Filho, A, **Villa, L L**, Moreira, M A R, Ferreira, C G M, Melo, A C. Molecular analysis of RAS genes mutations in patients with cervical adenocarcinoma. Annual Meeting of the American-Society-of-Clinical-Oncology (ASCO). Journal of Clinical Oncology, v.33,n.15, suppl.S, Chicago, IL, USA, May 29-June 5, 2015.
179. Torres BN, Pamnani SJ, Viscidi RP, **Villa LL**, Lazcano-Ponce E, Abrahamsen ME, Rollison DE, Huang Y, Borenstein A, Giuliano AR. Serum antibodies to HPV 6, 11, 16, 18 and risk of subsequent infections among men in the HIM study. Abstracts. HPV15-0428-Epidemiology, 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
180. Schabath MB, Torres BN, **Villa LL**, Lazcano-Ponce E, Salmeron J, Quiterio M, Giuliano AR. Alcohol consumption influences incidence and clearance of human papillomavirus (HPV) in the HPV in men (HIM) study m.b. Abstracts. HPV 15-0136-Diagnosis and Screening. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
181. Lorenzi A, Fregnani JHTG, Possati-Resende JC, Antoniazzi M, Scapulatempo-Neto C, Syrjänen S, **Villa LL**, Longatto-Filho A. Cervical cancer screening combining cytology and carehpv test in Brazilian women. Abstracts. HPV15-0676. Diagnosis and screening. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
182. Pierce Campbell CM, Torres BN, Lin HY, Abrahamsen M, Lazcano-Ponce E, **Villa LL**, Giuliano AR. Sequential infection with genital and oral human papillomavirus (HPV) in men: the HIM study. Abstracts. HPV15-0455-From genetics to innovative technologies. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
183. Sichero L, Hochmann J, Sobrinho JS, **Villa LL**. Uneven activation of MAPK mediated pathways by different molecular variants of HPV-16. Abstracts. HPV15-0529 Transformation and tumorigenesis. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
184. Ingles DJ, Pamnani SJ, Torres BN, Sudenga SL, Abrahamsen M, **Villa LL**, Lazcano Ponce E, Giuliano AR. Type-specific recurrence of genital HPV infection among men in the HIM study. Abstracts. HPV15-0138-

- Epidemiology. . 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
185. **Villa LL**, Sulaiman LP, Pasqualin R, Lepique AP. Human IgG binding enriched HPV epitope elicits CD8 T cell responses to prevent tumor growth in a mouse model. Abstracts. HPV15-1000 Basic Science - Basic Immunology. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
 186. Matos R, Primo FL, Tedesco AC, **Villa LL**, Calmon MDF, Rahal P. Effect of photodynamic therapy and curcumin-nanoparticle in cervical carcinoma cell lines HPV-16 positives. Abstracts. HPV15-0123 Basic Science - Transformation and Carcinogenesis. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
 187. Almeida F, Longatto-Filho A, **Villa LL**, Paula EC, Ribeiro LFJ, Andreoli MA, Reis RM, Moreira MAR. Metastasis suppressor proteins correlated with occurrence of metastasis, prognosis and presence of HPV in adenocarcinoma of the uterine cervix. Abstracts. HPV15-0738 Basic Science - Virus - Host Interactions. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
 188. Rabelo-Santos SH, **Villa LL**, Termini L, Longatto Filho A, Andreoli MA, Lucci Ângelo-Andrade LA, Derchain S, Zeferino LC. Specific HPV types and intense expression of superoxide dismutase-2 (SOD-2) correlates with glandular origin of cervical neoplasia. Abstracts. HPV15-1120 Clinical Science - Cervix . 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
 189. Sudenga S, Viscidi R, Torres N, Lin HY, Messina J, Stoler M, Vyas N, **Villa LL**, Lazcano-Ponce E, Giuliano A. Natural immunity to HPV does not protect against incident external genital lesions in men: the HIM study. Abstracts. HPV15-0066 Clinical Science – Penis. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
 190. Mariano V, Amendola M, Lorenzi A, Scapulatempo-Neto C, Stein M, Possati-Resende J, Antoniazzi M, **Villa LL**, Longatto-Filho A, Fregnani JH. Analysis of HPV 16 and 18 oncoprotein E6 using immunochromatographic testing for the detection of HPV and high grade cervical intraepithelial neoplasia or worse (CIN2+). Abstracts. HPV15-0774 Clinical Science - Clinical Aspects of Screening Tests: Application of diagnostics on the individual level. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
 191. Martins TR, Cohen DD, Fuza LMS, Cury L, Longatto-Filho A, **Villa LL**, Levi JE, Eluf-Neto J. Evaluation of the BD onclarity™ HPV assay in primary screening for cervical cancer: preliminary results. Abstracts. HPV15-0543 Clinical Science - Clinical Aspects of Screening Tests: Application of diagnostics on the individual level. . 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
 192. Chang M, Nyitray AG, Kim S, Lin HY, Abrahamsen M, Papenfuss M, Ingles D, **Villa LL**, Lazcano-Ponce E, Giuliano AR. A novel technique to define persistence and factors associated with persistence of genital HPV: The HIM study. Abstracts. HPV15-0409 Public Health / Epidemiology - Economics and Mathematical Modeling . 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
 193. Bolpetti A, Pinto G, **Villa LL**, Martin L, Marcolino L, Candeias J, Raha PI, Silva M. Genital infection by Chlamydia trachomatis increases HPV persistence in women attending cervical screening in southeastern Brazil. Abstracts. HPV15-0961 Public Health / Epidemiology – Epidemiology. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
 194. Grisi Candeias JM, da Silveira AC, Kazue Kurissio J, Ferreira SA, Pinto GVDS, Bolpetti A, Sichero L, **Villa LL**, da Silva MG. Evaluation of persistent infection with HPV-16 variants in reproductive aged women attended at health care units in Botucatu, SP, Brazil. Abstracts. HPV15-0901 Public Health / Epidemiology – Epidemiology. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
 195. Ingles DJ, Rahman SU, Waterboer T, Rollison DE, Torres BN, Michel A, Pawlita M, **Villa LL**, Lazcano Ponce E, Giuliano AR. Seroprevalence of cutaneous HPV among men in the multinational HIM study. Abstracts. HPV15-0142 Public Health / Epidemiology – Epidemiology. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
 196. Ingles D, Lin HY, Fulp W, Sudenga S, Pierce Campbell C, Connor C, **Villa LL**, Lazcano-Ponce E, Giuliano A. Genital warts and HPV co-infections: The HIM study. Abstracts. HPV15-0245 Public Health / Epidemiology – Epidemiology. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
 197. Pastrez PR, Mariano V, Costa AM, Scapulatempo-Neto C, Guimaraes DP, Cunha TR, Zemi-Neto SA, **Villa LL**, Nunes E, Sichero L, Syrjanen K, Longatto-Filho A. Frequency of high-risk HPV in esophageal squamous cell carcinoma and association with molecular markers related to this neoplasia. Abstracts. HPV15-0796 Public Health / Epidemiology – Epidemiology. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
 198. Nunes E, Ferreira S, Pierce Campbell C, Gheit T, Tomassimo M, Baggio ML, Galan L, Silva RJC, Lazcano-Ponce E, Giuliano AR, **Villa LL**, Sichero L. Prevalence and diversity of beta-papillomavirus in matched anogenital and oral samples of males from the HIM Study. Abstracts. HPV15-0640 Public Health / Epidemiology – Epidemiology. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
 199. Nyitray AG, Chang M, Carvalho da Silva R, Baggio ML, Salmerón J, Lin HY, Quiterio M, Abrahamsen M, Papenfuss M, **Villa LL**, Lazcano-Ponce E, Giuliano AR. Duration of anal HPV-16 among gay and bisexual

- men and time-dependent factors associated with anal HPV incidence: The HIM study. Abstracts. HPV15-0553 Public Health / Epidemiology - Epidemiology 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
200. Mafrá da Costa A, Sammartino Mariano V, Aguiar Pastrez PR, Scapulatempo-Neto C, Peixoto Guimarães D, Rabelo da Cunha T, Abdala Zemi Neto S, Montosa Nunes E, **Villa LL**, Sichero L, Juhani Syrjanen K, Tavares Guerreiro Fregnani JH, Longatto-Filho A. Prevalence of high risk HPV DNA in esophagus is high but not related to the classical risk factors for esophageal squamous cell carcinoma. Abstracts. HPV15-0613 Public Health / Epidemiology - Risk Factors. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
201. Nyitray A, Chang M, Carvalho da Silva RJ, Baggio ML, Salmerón J, Quiterio M, Abrahamsen M, Lopez D, Papenfuss M, **Villa LL**, Lazcano E, Giuliano AR. The role of overweight and obesity with prevalent anal HPV may be different by sexual orientation: The HIM study. Abstracts. HPV15-1011 Public Health / Epidemiology - Risk Factors. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
202. Silva E, Mariano V, Pastrez P, Pinto M, Nunes E, Sichero L, **Villa LL**, Syrjanen K, Longatto-Filho A. The presence of HPV in non-small cell lung cancer. Abstracts. HPV15-0741 Public Health / Epidemiology - Risk Factors. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
203. Vale DB, Sauvaget C, Sankaranarayanan RS, Santini LA, Pinto LF, Noronha C, Zeferino LC, **Villa LL**, Naud P, Pinto MF, Carvalho SM, Domingues CM. Debut of the national HPV-immunization in Brazil in 2014: moving towards a sustainable programme for cervical cancer control. Abstracts. HPV15-0375 Public Health / Epidemiology – Vaccination. 30th International Papillomavirus Conference, Lisboa, Portugal, September 17-21, 2015.
204. Nunes EM, Sudenga SL, Gheitt T, Tommasino M, Baggio ML, Ferreira S, Galan L, Silva RC, Pierce Campbell CM, Lazcano-Ponce E, Giuliano AR, **Villa LL**, Sichero L. Beta-papillomavirus diversity at anogenital and oral anatomic sites of men: the HIM Study. Abstract Book – O13- pg.55 - 4th Workshop Emerging Issues in Oncogenic Virus Research. San Pietro in Bevagna, Manduria, Italia, June 15-19, 2016.
205. Silva RJC, Sudenga SL, Baggio ML, Galan L, Cintra R, Sichero L, Lazcano-Ponce E, Giuliano AR, **Villa LL**. HPV-related genital disease among men residing in Brazil. EUROGIN 2016 Abstracts – OC 07-06 – pg.132 – EUROGIN 2016 – International Multidisciplinary Congress. Salzburg, Austria, June 15-18, 2016.
206. Levi JE, Martins TR, Longatto-Filho A, Cohen DD, Fuza LMS, Cury L, **Villa LL**, Eluf-Neto J. Parallel testing for high-risk HPV and liquid based cytology in primary screening for cervical cancer. EUROGIN 2016 Abstracts – OC 14-10 – pg.319 – EUROGIN 2016 – International Multidisciplinary Congress. Salzburg, Austria, June 15-18, 2016.
207. Sudenga S, Torres BN, Fulp W, Silva R, **Villa LL**, Lazcano-Ponce E, Ingles D, Messina J, Abrahamsen M, Baggio ML, Salmeron J, Quiterio M, Giuliano A. Country specific HPV-related genital lesions among men residing in Brazil, Mexico, and the United States: HIM study. EUROGIN 2016 Abstracts – SS 12-08 – pg.378 – EUROGIN 2016 – International Multidisciplinary Congress. Salzburg, Austria, June 15-18, 2016.
208. Longatto-Filho A, Levi JE, Martins TR, Cohen DD, Fuza LM, Cury L, **Villa LL**, Eluf-Neto J. Focalpoint computer-assisted PAP test screening: validation technology study for implementation in a public health service. EUROGIN 2016 Abstracts – P17-12 – pg.221 – EUROGIN 2016 – International Multidisciplinary Congress. Salzburg, Austria, June 15-18, 2016.
209. Sudenga S, Nyitray A, Torres BN, Silva R, **Villa LL**, Lazcano-Ponce E, Abrahamsen M, Baggio ML, Salmeron J, Quiterio M, Giuliano A. “Comparison of the natural history of genital HPV infection among men by country of residence: Brazil, Mexico, and USA Program Book HPV17-0759 Research Papers Session 04: Anogenital Cancers and Precursors. 31st International Papillomavirus Conference, Cape Town, SA, Feb 28-March 4, 2017.
210. Sudenga S, Sereday K, Nyitray A, Sirak B, Messina J, Silva R, Abrahamsen M, Baggio ML, Quiterio M, Lazcano-Ponce E, **Villa LL**, Giuliano A. “The role of external genital lesions in HIV seroconversion among men participating in a multinational longitudinal study: HIM Study”. HPV17-0766 Research Papers Session 07: HPV Clinical Research: Other Topics of Interest. – pg.125. 31st International Papillomavirus Conference, Cape Town, SA, Feb 28-March 4, 2017.
211. Nunes RAL, Silva GAF, Ferreira SA, Andrette R, Sichero L, **Villa LL**, Boccardo E, Termini L. “Role of Chronic Inflammation and Oxidative Stress in HPV-Mediated Cell Transformation”. Program Book. HPV17-0915 Basic Science: Immunology. Poster 021 pg.101. 31st International Papillomavirus Conference, Cape Town, SA, Feb 28-March 4, 2017.
212. Sudenga S, Nyitray A, Torres BN, Silva R, **Villa LL**, Lazcano Ponce E, Abrahamsen M, Baggio ML, Salmeron J, Quiterio M, Giuliano A. “Comparison of anal HPV natural history among men by country of residence: Brazil, Mexico, and the United States”. HPV17-0753 Clinical Research: Anal Cancer and Its Precursors. – Pg.127. 31st International Papillomavirus Conference, Cape Town, SA, Feb 28-March 4, 2017.
213. Shrestha S, Schabath M, Wiener H, Staci S, **Villa LL**, Giuliano A. “Genetic Epidemiology of Genital HPV16 persistence in men”. Program Book. HPV17-0331 Clinical Research: Other Clinical Research. Poster 344 –

- pg.137. 31st International Papillomavirus Conference, Cape Town, SA, Feb 28-March 4, 2017.
- 214.Nunes E, Mendoza López RV, Sudenga SL, Gheit T, Tomassimo M, Baggio ML, Galan L, Silva RJC, Lazcano-Ponce E, Giuliano AR, **Villa LL**, Sichero L. “Concordance of beta-papillomavirus in anogenital and oral samples of males from the HIM Study”. HPV17-0791 Public Health / Epidemiology: Epidemiology: Natural History/Burden/Risk Factors. 31st International Papillomavirus Conference, Cape Town, SA, Feb 28-March 4, 2017.
- 215.Sichero L, Flores-Diaz E, Sereday KA, Ferreira S, Sobrinho JS, Sirak B, Baggio ML, Galan L, Silva RC, Lazcano-Ponce E, Giuliano AR, **Villa LL**. “HPV-6 Molecular Variants Association with the Development of Genital Warts in Men: The HIM Study”. Program Book. HPV17-0720 Public Health / Epidemiology: Epidemiology: Natural History/Burden/Risk Factors. Poster 451 – pg.148. 31st International Papillomavirus Conference, Cape Town, SA, Feb 28-March 4, 2017.
- 216.**Villa LL**, Martins T, Longatto-Filho A, Cohen D, Mario Fuza L, Lise Cury L, Viscondi J, Levi J, Eluf J. “Primary Screening for Cervical Cancer by a Real-Time PCR Assay with extended Genotyping and Liquid-Based Cytology in São Paulo, Brazil”. Program Book. HPV17-0994 Public Health / Epidemiology: Screening Programs: Implementation, Evaluation and Impact. Poster 537-A – pg.157. 31st International Papillomavirus Conference, Cape Town, SA, Feb 28-March 4, 2017.
- 217.Wendland E, Benzaken AS, Domingues CMAS, Maranhão AGK, Pimenta C, Falavigna M, Hammes LS, **Villa LL**, Knauth D, Hilgert J, Hugo FN, Bica C, Gilham C, Peto J. “Prevalence of Papillomavirus in Brazil: Pop-Brazil Study Protocol”. Program Book. HPV17-0774 Public Health / Epidemiology: Vaccination Programs: Implementation, Evaluation and Impact. Poster 592 – pg.163. 31st International Papillomavirus Conference, Cape Town, SA, Feb 28-March 4, 2017.
- 218.Libera L, Vilanova-Costa C, Carvalho K, Porto-Ramos J, Caceres J, **Villa L**. Rabelo-Santos S, Santos M, Saddi V. Human papillomavirus (HPV) and the prognosis of brazilian patients with anal carcinoma. Abstracts Book P25-04 pp 249-250. Eurogin – International Multidisciplinary HPV Congress. Amsterdam, NL, October 8-11, 2017.
- 219.Munari FF, Carloni AC, Lacerda CF, Crema E, Oliveira AT, Nunes EM, **Villa LL**, Sichero L, Guimarães DP, Reis RM, Longatto Filho A. Detection of high-risk HPV DNA in chagasic megaesophagus with and without cancer. P02-01 pp 15-16. Eurogin – International Multidisciplinary HPV Congress. Amsterdam, NL, October 8-11, 2017.
- 220.Wendland EM, Bessel M, Benzaken AS, Caierão J, Kops N, Maranhão AG, Domingues C, Mello B, Bica C, **Villa LL**. HPV prevalence and risk factors associated with high risk types in a low income population. FC 19-05 pp 333-334. Eurogin – International Multidisciplinary HPV Congress. Amsterdam, NL, October 8-11, 2017.
- 221.Giuliano, A.; B. Sirak ; M. Abrahamsen ; **Villa, LL** ; Lazcano-Ponce, E. ; J Salmeron . High rate of genital wart recurrence among me regardless of age: The HIM Study. 32nd international Papillomavirus Conference, 2018, Sydney, AU.
- 222.Cintra, R.; Mota, G.; F. Tang ; A. Macedo ; **Villa, L.L.** . Functional analysis of a peptide selected by phage display in head and neck tumours. In: 32nd international Papillomavirus Conference, 2018, Sidney, AU.
- 223.Sichero, L.; Ferreira, S.; R Lopez ; Mello, B. ; Costa, V. ; R. Carlos ; A. Ribeiro-Silva ; S. Pignatari ; E, Kaminakagura ; **Villa, L.L.** . Prevalence of HPV 6 and 11 molecular variants in recurrent respiratory papilomatosis. 32nd international Papillomavirus Conference, 2018, Sidney, AU.
- 224.Nyitray, A.; P Feng; R. Carvalho Da Silva; M.L Baggio, J, Salmerón; Quiterio, M ; M. Abrahamsen ; **Villa, L.** L. ; Lazcano, Eduardo ; Giuliano, A. Obesity and overweight are associated with six-month persistent anal HPV among men having sex with women: The HIM Study. 32nd international Papillomavirus Conference, 2018, Sidney, AU.
- 225.Nunes EM; Sobrinho JSP; Ferreira S; Lino V, Termini L, Silva GAF; Boccardo E, **Villa LL**, Sichero L Biological properties of natural variants by Human Papillomavirus 18. ICGEB - DNA Tumour Virus Meeting 50th Anniversary. Trieste, IT, July 2019.