

CURRICULUM VITAE

Name: (M.R.) Jisnuson SVASTI
Born: 25 September 1947; Bangkok, Thailand.
Marital Status: Married (8/8/68) to (M.R.) Phromchatra
Daughters: Sasibha (17/4/75), Chandrabha (20/5/78)



Positions:

- Head, Laboratory of Biochemistry, Chulabhorn Research Institute, 54 Kamphaeng Phet 6, Talat Bang Khen, Laksi, Bangkok 10210, Thailand, 1990-present
- Emeritus Professor of Biochemistry, Mahidol University, Rama VI Road, Bangkok 10400, Thailand, 2012-present

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Education: Educated in England (1954-1972)

- Cheam School, Headley, Nr. Newbury, Berkshire, 1957-1960
- Rugby School, Rugby, Warwickshire, 1960-1965
- Trinity College, Cambridge University, 1965-1972

Degrees:

- B.A.(Hons) Natural Sciences (Biochemistry), University of Cambridge, U.K., 1968
- M.A., Natural Sciences, University of Cambridge, U.K. 1972
- Ph.D., MRC Laboratory of Molecular Biology, University of Cambridge, U.K. *Thesis title:* Sequence Studies on Mouse Immunoglobulins *Supervisor:* Dr. Cesar Milstein, F.R.S. (Nobel laureate), 1972
- D.Sc. (*Honoris causa*), Biochemistry, Mahidol University, 2013

Previous Experience:

- Lecturer (1972-1975), Assistant Professor (1975-1978), Associate Professor (1979-1982), Department of Biochemistry, Faculty of Science, Mahidol University, Bangkok, Thailand.

- Senior Research Associate, Department of Human Biological Chemistry and Genetics, University of Texas Medical Branch, Galveston, Texas 77550, U.S.A., 1976-1977
- Professor of Biochemistry, Mahidol University, Bangkok, Thailand, 1982-2012
- Chairman, Department of Biochemistry, Faculty of Science, Mahidol University, 1980-84
- Associate Dean, Faculty of Science, Mahidol University, 1996-1997
- Vice-President for International Relations, Mahidol University, 1997-1999
- Head, Center for Excellence in Protein Structure and Function, Faculty of Science, Mahidol University, Bangkok, Thailand, 2001-2012
- Dean, Faculty of Graduate Studies, Mahidol University, Bangkok, Thailand, 2005-2007
- Chairman, International Relations Policy Committee, Mahidol University (2007-2010, 2015-present)

Research Activities

General interests: Protein structure and function, enzymology.

Past experience: Plasma proteins; Proteins unique to the male reproductive system; Abnormal hemoglobins.

Present interests: Inborn errors of metabolism; Protein changes in cancer; anti-cancer agents from natural products; Glycosidase enzymes and glycosides.

Professional Societies

- Member, Science Society of Thailand, 1972-present
- Member, Biochemical Society, U.K., 1981-present
- Member, Physics Society, Thailand, 1986-present
- Member, Chemical Society, Thailand, 1991-present
- Member, Thai Biotechnology Society, 1992-present
- Member, Japanese Society for Bioscience, Biotechnology & Agrochemistry, 1995-2005
- Member, Protein Society, U.S.A., 1997-present
- Member, Society for Glycobiology, U.S.A., 2001-present

International Activities

- Coordinating Committee, Asian Network of Biological Science 1979-1981
- Treasurer, Federation of Asian & Oceanian Biochemists, 1980-1986
- President-Elect, Federation of Asian and Oceanian Biochemists, 1989-1990
- President, Federation of Asian and Oceanian Biochemists (FAOB), 1990-1992
- Past President, Federation of Asian and Oceanian Biochemists and Molecular Biologists (FAOBMB), 1993-1994
- Chairman, Organising Committee, Eleventh FAOBMB Symposium on *Biopolymers and Bioproducts: structure, function and applications*, Bangkok, 15-18 November 1994

- Member, Committee on Symposia, International Union of Biochemistry and Molecular Biology (IUBMB), 1996-2002
- Thai Delegate to International Union of Biochemistry and Molecular Biology 1996-2009
- Governing Council, Asia-Pacific International Molecular Biology Network (A-IMBN) 1998-present
- Membership Advisory Committee, Biochemistry and Biophysics (2001-2005), Structural, Cell and Molecular Biology (2010-present), The Academy of Sciences for the Developing World (TWAS)
- Editorial Board, *Molecules and Cells*, Korean Society of Molecular and Cellular Biology, 2003-present
- Health Committee, EAGLES (European Action on Global Life Sciences), 2003-2009
- Council Member, Asian and Oceanic Human Proteome Organization, 2004-present
- Treasurer, Federation of Asian Scientific Academies & Societies (FASAS), 2008-2012
- Management Board, Science Council of Asia (SCA), 2008-2011
- Steering Committee, Asian-Pacific Protein Association (APPA), 2010-present
- Member, Evaluation Committee, TWAS Biology Prize, 2011-present
- Chairman, Organizing Committee, 7th Asian Oceania Human Proteome Organization / 9th Protein Society of Thailand Conference, Bangkok, 6th-8th August 2014
- Chairman, Local Organizing Committee, 9th Asian Science Camp, Thailand, 2nd-8th August 2015

Local Activities

- Editorial Board (1974-84, 1992-93) and Executive Committee (1994-1998), Journal of the Science Society of Thailand
- Editor-in-Chief, Journal of the Science Society of Thailand (1985-1987), and Editor-in-Chief, *ScienceAsia*, Journal of the Science Society of Thailand (2001-2008)
- Member, Executive Committee (1985-87, 2000-12) and Advisor (2012-present), Science Society of Thailand under the Patronage of His Majesty the King
- Chairman (1986-1987) and Advisor (1988-present), Biochemical Section, Science Society of Thailand
- Committee Member, National Research Council of Thailand (Agriculture & Biology Section), 1991-1998
- Board of Directors, Chumbot-Pantip Foundation, 1982-1991
- Board of Directors (1984-present) and, Prajadhipok-Rambhai Barni Foundation
- Board of Directors (1985-present) and Deputy Chairman (2012-present), Memorial Foundation for H.M. King Rama VII-Queen Rambhai Barni,

- Board of Trustees (1990-present) & Deputy Chairman (2013-present), Cambridge-Thai Foundation
- Committee Member, National Research Council of Thailand (Chemical and Pharmaceutical Sciences Section), 2002-present
- Honorary Jury, UNESCO-L'Oreal Women in Science Program, Thailand, 2002-present
- President and Founder, Protein Society of Thailand, 2004-present
- University Council, Huachiew Chalermphrakiet University, Bangkok, 2004-present
- University Council, Mahidol University, Bangkok, 2005-2007
- President, Science Society of Thailand under the Patronage of His Majesty the King, 2008-2011
- Board of Directors, National Science Museum, Thailand, 2008-2011
- Committee Member, The Promotion of Academic Olympiads and Development of Science Education Foundation (POSN) under the Patronage of H.R.H. Princess Galyani Vadhana Krom Luang Naradhiwas Rajanagarindra, 2008-present
- Board of Directors, Synchrotron Light Research Institute, Thailand, 2008-2013
- Chairman and Founder, Marsi Foundation, 2009-present
- University Council, Christian University, Thailand, 2009-present
- Committee Member, Council for the Science and Technology Profession, 2009-2012
- Committee Member, Mom Chao Vudhividhu Foundation, 2011-present
- Chairman, Education Committee, Thai Toray Science Foundation, 2012-present
- University Council, Siam University, 2014-present
- International Committee, Asian Science Camp, 2015-present
- Council Member, Chulaborn Graduate Institute, 2015-present

Fellowships

- Coutts-Trotter Research Studentship, Trinity College, Cambridge, 1968-1971
- Travel Fellowship, First International Symposium on Immunology, Gausdal, Norway, 1972
- Travel Fellowship, Third International Conference on Isozymes, New Haven, U.S.A., 1974
- IUB Travel Fellowship, 10th International Congress of Biochemistry, Hamburg, Germany, 1976

Local Awards, Honours and Decorations

- Mahidol University Prize for Excellence in Research: "Chromatin Structure and Nucleic Basic Proteins in Mammalian Male Germ Cells" (with Nongnuj Tanphaichitr and Prasert Sobhon), 1982
- Founding Member, Thailand Academy of Science and Technology (TAST), 1997
- Outstanding Researcher Award, Ministry of University Affairs, 1998

- Senior Research Fellow, Thailand Research Fund, 2001
- Outstanding Scientist of Thailand Award, Foundation for the Promotion of Science and Technology under the Patronage of His Majesty the King, 2002
- Outstanding Researcher, Chemical Sciences and Pharmacy section, National Research Council of Thailand, 2003
- Outstanding Lecturer, Faculty Club, Faculty of Science, Mahidol University, 2003
- Exemplary Lecturer, Faculty Club, Mahidol University, 2004
- Outstanding Lecturer Award, Council of the University Faculty Senates of Thailand, 2005
- Sood Sangvichien Lecture and Gold Medal Award, 2009
- Mahidol University International Publications Award, 2010

International Honours

- Honorary Member, Federation of Asian and Oceanian Biochemists and Molecular Biologists, Inc. (FAOBMB), 1994
- Honorary Member, Philippine Society of Biochemistry and Molecular Biology, 1995
- Elected Fellow, The World Academy of Sciences (TWAS), 1996
- Member, Asia-Pacific International Molecular Biology Network 1998
- A-IMBN Distinguished Lecture at the 14th Asia-Pacific International Molecular Biology Network Conference 2012

Royal Decorations

- Knight Grand Cross of the Most Noble Order of the Crown of Thailand, 1987
- Knight Grand Cross of the Most Exalted Order of the White Elephant, 1990
- Knight Grand Cordon (special class), Most Noble Order of the Crown of Thailand, 1993
- Knight Grand Cordon (special class) the Most Exalted Order of the White Elephant, 1998
- Dushdi Mala Medal, 2005

Summary of Publications

- 154 Research Articles in International Journals
- 28 Academic Articles (e.g. science education & editorials) in International Journals
- 33 Articles in Proceedings of International Conferences
- 13 Articles in Thai or Thai Journals
- 5 Textbooks & Manuals (co-authored)