

Curriculum vitae

Name: Mara Helena Hutz
Position: Full Professor of Genetics
Departamento de Genética
Universidade Federal do Rio Grande do Sul
Porto Alegre, RS Brazil

Areas of interest : Genetics of common diseases; pharmacogenetics; human population genetics

Ph D: Genetics and Molecular Biology
Universidade Federal do Rio Grande do Sul
Porto Alegre, RS Brazil
Period: 1979/1981

Post-Doctoral Fellow: Pediatric Genetics Unit
Johns Hopkins University School of Medicine
Baltimore, MD
USA
Period: 1982/1983

Awards and honours

2020 Gaucho Researcher Award in the area of biological sciences received from the State of Rio Grande do Sul, Brazil

SCOPUS ELSEVIER /CAPES award

Honored during the 60^o Brazilian Congress of Genetics by her relevant contributions to the Brazilian Society of Genetics.

Professional societies

President and vice-president of the Brazilian Society of Genetics

Most important Publications:

Bruxel, EM.; Moreira-Maia, CR.; Akutagava-Martins, GC.; Quinn, TP.; Klein, M.; Franke, B.; Ribasés, M.; Rovira, P.; Sánchez-Mora, C.; Kappel, DB.; Mota, NR.; Grevet, EH.; Bau, CHD.; Arcos-Burgos, M.; Rohde, LA.; **Hutz, MH.**. 2020. Meta-analysis and systematic review of ADGRL3 (LPHN3) polymorphisms in ADHD susceptibility **Molecular Psychiatry** doi: 10.1038/s41380-020-0673-0. **Online ahead of print.**

Demontis D, Walters RK, Martin J, Mattheisen M, Als TD, Agerbo E, Baldursson G, Belliveau R, Bybjerg-Grauholm J, Bækvad-Hansen M, Cerrato F, Chambert K, Churchhouse C, Dumont A, Eriksson N, Gandal M, Goldstein JI, Grasby KL, Grove J, Gudmundsson OO, Hansen CS, Hauberg ME, Hollegaard MV, Howrigan DP, Huang H, Maller JB, Martin AR, Martin NG, Moran J, Pallesen J, Palmer DS, Pedersen CB, Pedersen MG, Poterba T, Poulsen JB, Ripke S, Robinson EB, Satterstrom FK, Stefansson H, Stevens C, Turley P, Walters GB, Won H, Wright MJ; ADHD Working Group of the Psychiatric Genomics Consortium (PGC); Early Lifecourse & Genetic Epidemiology (EAGLE) Consortium; 23andMe Research Team, Andreassen OA, Asherson P, Burton CL, Boomsma DI, Cormand B, Dalsgaard S, Franke B, Gelernter J, Geschwind D, Hakonarson H, Haavik J, Kranzler HR, Kuntsi J, Langley K, Lesch KP, Middeldorp C, Reif A, Rohde LA, Roussos P, Schachar R, Sklar P, Sonuga-Barke EJS, Sullivan PF, Thapar A, Tung JY, Waldman ID, Medland SE, Stefansson K, Nordentoft M, Hougaard DM, Werge T, Mors O, Mortensen PB, Daly MJ, Faraone SV, Albayrak Ö, Anney RJL, Arranz MJ, Banaschewski TJ, Bau C, Biederman J, Buitelaar JK, Casas M, Charach A, Crosbie J, Dempfle A, Doyle AE, Ebstein RP, Elia J, Freitag C, Föcker M, Gill M, Grevet E, Hawi Z, Hebebrand J, Herpertz-Dahlmann B, Hervas A, Hinney A, Hohmann S, Holmans P, **Hutz M**, Ickowitz A, Johansson S, Kent L, Kittel-Schneider S, Lambregts-Rommelse N, Lehmkuhl G, Loo SK, McGough JJ, Meyer J, Mick E, Middleton F, Miranda A, Mota NR, Mulas F, Mulligan A, Nelson F, Nguyen TT, Oades RD, O'Donovan MC, Owen MJ, Palmason H, Ramos-Quiroga JA, Renner TJ, Ribasés M, Rietschel M, Rivero O, Romanos J, Romanos M, Rothenberger A, Royers H, Sánchez-Mora C, Scherag A, Schimmelmann BG, Schäfer H, Sergeant J, Sinzig J, Smalley SL, Steinhausen HC, Thompson M, Todorov A, Vasquez AA, Walitza S, Wang Y, Warnke A, Williams N, Witt SH, Yang L, Zayats T, Zhang-James Y, Smith GD, Davies GE, Ehli EA, Evans DM, Fedko IO, Greven CU, Groen-Blokhuis MM, Guxens M, Hammerschlag AR, Hartman CA, Heinrich J, Jan Hottenga J, Hudziak J, Jugessur A, Kemp JP, Krapohl E, Murcia M, Myhre R, Nolte IM, Nyholt DR, Ormel J, Ouwens KG, Pappa I, Pennell CE, Plomin R, Ring S, Standl M, Stergiakouli E, Pourcain BS, Stoltenberg C, Sunyer J, Thiering E, Tiemeier H, Tiesler CMT, Timpson NJ, Trzaskowski M, van der Most PJ, Vilor-Tejedor N, Wang CA, Whitehouse AJO, Zhao H, Agee M, Alipanahi B, Auton A, Bell RK, Bryc K, Elson SL, Fontanillas P, Furlotte NA, Hinds DA, Hromatka BS, Huber KE, Kleinman A, Litterman NK, McIntyre MH, Mountain JL, Northover CAM, Pitts SJ, Sathirapongsasuti JF, Sazonova OV, Shelton JF, Shringarpure S, Tian C, Vacic V, Wilson CH, Neale B. 2019. Discovery of the first genome-wide significant risk loci for attention deficit/hyperactivity disorder. **Nat Genet.** **51**, 63-75.

Tovo-Rodrigues, L; Rohde, LA; Roman, T; Schmitz, M; Polanczyk, GV.; Zeni, C; Marques, FZ C; Contini, V; Grevet, EH.; Belmonte-de-Abreu, P; Bau, CHD.; **Hutz, MH.** 2012. Is there a role for rare variants in DRD4 gene in the susceptibility for ADHD? Searching for an effect of allelic heterogeneity. **Molecular Psychiatry** **17**, 520-526

Fiegenbaum, M; Silveira, FR; Sand, CR Van Der; Sand, LC Van Der; FERREIRA, ME; Pires, RC; **Hutz, MH.** 2005. The role of common variants of ABCB1, CYP3A4 and CYP3A5 genes on lipid-lowering efficacy and safety of simvastatin treatment. **Clinical Pharmacology and Therapeutics** **78**, 551-558

Roman, T.; Schmitz, M; Polanczyk, GV; Eizirik, M.; Rohde, L A; **Hutz, MH.** 2001. Attention-

Deficit/Hyperactivity Disorder: A Study of Association with Both The Dopamine Transporter Gene and the Dopamine D4 Receptor Gene. **American Journal of Medical Genetics. Part B.** **105, 471-478**

Roman, T.; Szobot, C.; Martins, S.; Biederman, J.; Rohde, LA; **Hutz, MH.** 2002. Dopamine transporter gene and response to methylphenidate in attention-deficit/hyperactivity disorder **Pharmacogenetics** **12, 497-499**

Mattevi, VS.; Zembrzuski, VM.; **Hutz, MH.** 2002. Association analysis of genes involved in the leptin signaling pathway with obesity in Brazil. **International Journal of Obesity** **26, 1179-1185**

Mattevi, VS.; Zembrzuski, VM.; **Hutz, MH.**2004. A resistin gene polymorphism is associated with body mass index in women **Human Genetics****115, 208-215**

Rieck, M.; Schumacher-Schuh, A.; Altmann, V.; Francisconi, C.; Fagundes, PT.; Monte, TL.; Callegari-Jacques, S; Rieder, CR.; **Hutz, MH.** 2012. DRD2 haplotype is associated with dyskinesia induced by levodopa therapy in Parkinson's disease patients. **Pharmacogenomics** **13, 1701-1710**

Tovo-Rodrigues, L; Rohde, LA.; Menezes, AMB.; Polanczyk, GV.; Kieling, C; Genro, JP.; Anselmi, L; **Hutz, MH.**2013. DRD4 Rare Variants in Attention-Deficit/Hyperactivity Disorder (ADHD): Further Evidence from a Birth Cohort Study **Plos One.** **8, e85164**

Sortica, VA.; Cunha MG; Ohnishi MD; Souza JM; Ribeiro-dos-Santos, A.; Santos, NPC; Callegari-Jacques, S; Santos, SEB.; **Hutz, MH.** 2012. IL1B, IL4R, IL12RB1 and TNF gene polymorphisms are associated with plasmodium vivax malaria in Brazil. **Malaria Journal** **11, 409**

Sortica, VA.; Cunha, MG.; Ohnishi, MD; Souza, JM.; Ribeiro-dos-Santos, AKC.; Santos, SEB.; **Hutz, MH.** 2014. Role of IL6, IL12B and VDR gene polymorphisms in Plasmodium vivax malaria severity, parasitemia and gametocytemia levels in an Amazonian Brazilian population **Cytokine** **65, 42- 47**

Altmann, Vivian; Schumacher-Schuh, AF; Rieck, M; Callegari-Jacques, SM; Rieder, CRM; **Hutz, MH.** 2016. Influence of genetic, biological and pharmacological factors on levodopa dose in Parkinson's disease **Pharmacogenomics** **17, 481- 488**

Salatino-Oliveira, Angélica; Rohde, Luis A.; **Hutz, MH.** 2018.The dopamine transporter role in psychiatric phenotypes. **American Journal of Medical Genetics part B-Neuropsychiatric Genetics.** **177, 211-231**

Hutz, MH; Rieder, CRM. 2018. The future of pharmacogenetics in Parkinson's disease treatment **Pharmacogenomics** **19, 171-174**

Salatino-Oliveira, A; Wagner, F; Akutagava-Martins, GC.; Bruxel, EM.; Genro, JP.; Zeni, C; Kieling, C; Polanczyk, GV.; Rohde, LA.; **Hutz, MH.** 2016.MAP1B and NOS1 genes are associated with working memory in youths with attention-deficit/hyperactivity disorder **European Archives of Psychiatry and Clinical Neuroscience** **266, 359-366**

Lindenau, JD; Salzano, FM; Hurtado, AM; Hill, KR.; Petzl-Erler, ML; Tsuneto, LT; **Hutz, MH.** 2016. Variability of innate immune system genes in Native American populations-relationship with history and epidemiology. **American Journal of Physical Anthropology** **159, 722-728**

Total number of published papers in peer-reviewed journals: 276

Book chapters: 5

Congress abstracts : 226

Citations:

ISI- web of sciences:

6.486 citations

H-index : 39

Google Scholar

11024 citations

H-index: 53

Scopus

7447 citations

H-index: 42

Supervisions:

27 PhD and 11 pos-doctoral supervisions