

First name	Marju
Family name	Orho-Melander
Date of Birth	661205-2305
Gender	Female
Nationality	Swedish, Finnish
Marital Status	Married to Olle Melander Children Wille (2002) and Mella (2004)
1. Current Position	Professor, Swedish Research Council Senior Researcher in genetic epidemiology (VR forskare , medicine, 2010-2015, 100%)
2. Academic examination	Master of Science in Biochemistry , Department of Biochemistry, University of Helsinki, Finland 1995
3. Doctoral examination	PhD (“Dr.Med.Vet”) , experimental endocrinology , Department of Endocrinology, University of Lund, Sweden, 1999
4. Associate Professor	Associate professor (“docent”) of experimental endocrinology , Department of Clinical Sciences in Malmö, Lund University, 2004
5. Professor	Professor of genetic epidemiology , Department of Clinical Sciences in Malmö, Lund University, 2010
6. Post Graduate supervision as main supervisor	1. Jenny Fredriksson: 2001-2006; 2. Marketa Sjögren: 2003-2008; 3. Ivana Stojkovich, 2009 – ongoing; 4. Gull Rukh, 2010 – ongoing; 5. George Hindy, 2010 –ongoing;6. Sophie Hellstrand, 2011-2012 (after this assistant supervisor) 7. Christina-Alexandra Schulz, 2012- ongoing
7. Post doctoral fellow supervision	1. Emily Sonestedt: 2009- ; 2. Amitabh Sharma, 2009-2010; 3. Ulrika Ericson, 2010-; 4. Ines Mollet, 2010-; 5. Tanja Stocks, 2014-
8. Prizes	<ul style="list-style-type: none"> • Best Young Investigator Prize, Malmö University Hospital, 2000 • Greifswald-Lund Award in Community medicine 2002 • LUs Fernström prize for younger successful scientist 2010 • LUDC Nordic Prize for successful Younger Scientist 2012 • Novo Nordisk Foundation Lecture 2013
9. Faculty Opponent for PhD Dissertation	<ul style="list-style-type: none"> • Camilla Fridberg, Sahlgrenska, Göteborg University, 2007 • Dorit Zobel, Copenhagen University, 2008 • Svetlana Adamovic, Sahlgrenska, Göteborg University, 2009 • Niels Grarup, Copenhagen University, 2009 • Anette Prior Gjesing, Copenhagen University, 2011 • Niina Siitonen, Kuopio University, Finland, 2011 • Ci Song, Karolinska Institute, Stockholm, 2014

- 10. Other Duties**
- Vice-Director of the Strategic Research Area EpiHealth at Lund University
 - Main organizer of EASD-SGGD meeting 2013
 - Member of NGI (National Genomics Infrastructure) board
 - Main organizer of SSSD meeting 2010 (Scandinavian Society for the Study of Diabetes)
 - Scientific Board Member of Swedish Nutrition Foundation 2009-
 - Board Member of the SSSD (Scandinavian Society for the Study of Diabetes) 2008-
 - Program Committee member of EAS 2013 (European Atherosclerosis Study)
 - Honorary Secretary of EASD-SGGD (European Association for Diabetes-Study Group for Genetics in Diabetes 2011-
 - Co-PI of LUDC Genomics 2006-

- 11. Grant reviewing**
- Referee for Swedish Research Council Project grants 2011, 2013, 2014
 - Chairman of the B1 Grant Panel at the Swedish Research Council 2014
 - Referee for local ALF committee 2012-2014
 - Swedish Institutes Stipend Committee 2012
 - SNF young investigator grants 2010-2011
 - ERC Synergy grants 2013

- 12. Invited presentations at internationally established conferences**
- "7th Nordic Nutrition Congress" in Mariehamn, Åland 18-21/6 2000
 - EASD-SGGD Study group for genetics of diabetes, Spain 2004
 - 2nd International Korotkoff congress in Hypertension, St Petersburg, Russia 2009
 - International Drug Discovery and Technology (IDDST), Shanghai China 2009
 - 6th International Congress of Pathophysiology, Montréal, Canada, 2010
 - The 14th International SHR Symposium, Montréal, Canada, 2010
 - NUGO week, Helsinki, Finland 2011
 - 45th Scandinavian Society for the Study of Diabetes, Reykjavik Iceland, 2011
 - Heart and Lung FEST Vancouver, Canada 2011
 - Scandinavian Society for the Study of Diabetes, Esbo, Finland 2013
 - EASD-SGGD Study group for genetics of diabetes, Malmö, Sweden 2013
 - Mondova Diabetes meeting, Italy, 2013
 - European Congress of Endocrinology (ECE), Wroclaw, Poland, 2014
 - EndoBridge (Endocrinology), Antalya, Turkey, 2014
 - JIM Atherosclerosis Symposium, Stockholm, Sweden, 2014

- 13. Publications, Citations, H-index**
- 127 papers** by Marju Orho-Melander (earlier Orho) have been **cited 9126 times** (without own citations): **H-index 40** (=40 papers with more than 40 citations)

- 15. 10 Selected Publications**
1. *Kathiresan S, Melander O, Guiducci C, Surti.A., Burt NP, Rieder MJ, Cooper GM, Roos C, Voight BF, Havilunna AS, Hedner T, Berglund G, Vartianen E, Jousilahti P, Hedblad B, Newton-Cheh C, Salomaa V, Peltonen L, Groop L, Altshuler DM, **Orho-Melander M**: Six new loci associated with blood low-density lipoprotein cholesterol, high-density lipoprotein cholesterol or triglycerides in

humans, **Nat Genet** 40:189-97, 2008 (IF 35.1) 474 citations

2. *Kathiresan S, Melander O, Roos C, Guiducci C, Burt N, Anevski D, Hirschhorn J, Berglund G., Hedblad B., Groop, L, Altshuler D, Newton Cheh C, **Orho-Melander M**: Polymorphisms associated with cholesterol and risk of cardiovascular events. **N Engl J Med** 358:1240-9, 2008 (IF 51.6) 269 citations

3. Sonestedt E, Roos C, Gullberg B, Ericson U, Wirfält E and **Orho-Melander M**: Fat and carbohydrate intake modify the association between genetic variation in FTO and obesity. **Am J Clin Nutr** 90: 1418-1425, 2009 (IF 6.7) 44 citations

4. Musunuru K*, **Orho-Melander M***, Caulfield MP, Li S, Salameh WA, Reitz RE, Berglund G, Hedblad B, Engström G, Williams PT, Kathiresan S., Melander O†, Krauss RM†: Ion mobility analysis of lipoprotein subfractions identifies three independent axes of cardiovascular risk. **Arterioscler Thromb Vasc Biol**, 29: 1975-80, 2009 (* shared 1st author) (IF 6.7) 40 citations

5. Ripatti S, Tikkanen E, **Orho-Melander M**, Havulinna AS, Silander K, Sharma A, Guiducci C, Gonzalez E, Perola M, Jula A, Sinisalo J, Lokki M, Nieminen MS, Melander O, Salomaa V, Peltonen L, Kathiresan S: A multilocus genetic risk score and risk for incident coronary heart disease. **Lancet** 376: 1393-400, 2010 (IF 36.4) 122 citations

6. Musunuru K, Strong A, Frank-Kamenetsky M, Wong J, Cantley W, Li H, Ejebe KG, Schadt EE, **Orho-Melander M**, Melander O, Cowan CA, Kotliansky V, Fitzgerald K, Krauss RM, Kathiresan S, Rader DJ: From DNA sequence variant to lipoprotein phenotype at a novel cholesterol and myocardial infarction locus. **Nature** 466: 714-719, 2010 (IF 35.9) 233 citations

7. Melander O, Maisel AS, Almgren P, Manjer J, Belting M, Hedblad B, Engström G, Kilger U, Nilsson PM, Bergmann A, **Orho-Melander M**: Plasma Pro-Neurotensin is Associated with Incidence of Diabetes, Cardiovascular Disease, Breast Cancer, and Mortality in Women. **JAMA**, 308:1469-75, 2012 (IF 30) 5 citations

8. Hindy G, Sonestedt E, Ericson U, Jing XJ, Zhou Y, Hansson O, Renström E, Wirfält E, **Orho-Melander M**: Role of TCF7L2 risk variant and dietary fibre intake on incident type 2 diabetes. **Diabetologia** 55:2646-54, 2012 (IF 6.5) 4 citations

9. Voight BF*, Peloso GM*, **Orho-Melander M**,many authors..... Kathiresan S: Plasma HDL cholesterol and risk of myocardial infarction: a mendelian randomisation study. **Lancet** 380: 572-80, 2012 (IF 36.4) 211 citations

10. Ahmad S, Rukh G, Varga TV, Ali A, Kurbasic A, Shungin D, Ericson U, Koivula RW, Chu AY, Rose LM, Ganna A, Qi Q, Stančáková A, Sandholt CH, Elks CE, Curhan G, Jensen MK, Tamimi RM, Allin KH, Jørgensen T, Brage S, Langenberg C, Aadahl M, Grarup N, Linneberg A, Paré G; InterAct Consortium; DIRECT Consortium, Magnusson PK, Pedersen NL, Boehnke M, Hamsten A, Mohlke KL, Pasquale LT, Pedersen O, Scott RA, Ridker PM, Ingelsson E, Laakso M, Hansen T, Qi L, Wareham NJ, Chasman DI, Hallmans G, Hu FB, Renström F, **Orho-Melander M**, Franks PW: Gene x physical activity interactions in obesity: combined analysis of 111,421 individuals of European ancestry. **PLoS Genet**. Jul;9(7):e1003607, 2013 (IF 8.7) 5 Citations