

## CURRICULUM VITAE

### **SIGNE ALTMÄE**

**Personally** Born 07.08.1978, Estonia  
Married, 2 daughters (1 and 3 years old)

Work position: Marie Curie Senior researcher  
Dep. Women's and Children's Health, Div. Obstetrics and  
Gynaecology, Karolinska Institute, Sweden  
&  
Senior researcher  
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#### **Education**

2011 Ph.D at Clinical Science, Intervention and Technology, Obstetrics and Gynaecology, Karolinska Institute, Sweden.  
2010 Ph.D at Biotechnology, Institute of Molecular and Cell Biology (IMCB), University of Tartu, Estonia.  
2003 M. Sc in Molecular Diagnostics, Biotechnology, IMCB, University of Tartu, Estonia.

#### **Editorial Board and Special Interest Groups**

- Section Editor in category of early pregnancy and implantation at Reproductive BioMedicine Online Journal
- 2015 Elected Junior Deputy in ESHRE Special Interest Group of Reproductive Genetics

#### **Professional appointments**

- 2016 Marie Curie Senior Researcher at Dep. Women's and Children's Health, Karolinska Institute, Sweden
- 2013-2016 Marie Curie Post-Doctoral Fellow at Dep. Paediatrics, University of Granada, Spain
- 2011-2013 Post-doctoral fellow at the Dep. of Paediatrics, University of Granada, Spain
- April 2011 visiting scientist at iGenomix, University of Valencia, Spain
- September 2011 visiting scientist at Erasmus University Medical Center, Rotterdam, The Netherlands
- March 2010 visiting scientist at Fundación IVI (FIVI), University of Valencia, Spain
- November 2009 visiting scientist at FIVI, University of Valencia, Spain
- October 2008 visiting post-graduate student at FIVI, University of Valencia, Spain
- 2003-2008 Scientist at Dep. of Biotechnology, University of Tartu, Estonia
- September 2007-January 2008 visiting scientist at Div. of Obstetrics and Gynaecology, Karolinska Institute, Stockholm, Sweden

- October 2005-June 2006 visiting scientist at Div. of Obstetrics and Gynaecology, Karolinska Institute, Stockholm, Sweden
- June 2002 visiting under-graduate student at Institute of Human Genetics, Ernst Moritz Arndt University of Greifswald, Germany
- 2000-2003 Researcher at Asper Biotech Ltd., Tartu, Estonia

### International research projects

- 2013 – WP leader, SARM (Endometrial and Embryonic Genomics, Searching for Biomarkers in Assisted Reproduction) project. FP7, IAPP Project, EU.
- 2013 – Researcher, EarlyNutrition (Long term effects of early nutrition on later health) project. FP7 program, EU.
- 2013 – 2016 PI, NutriOmics project (Effects of early nutrition-gene interactions on children's neurodevelopment and mental performance). FP7, Marie Curie IEF, EU.
- 2012 – 2015 Leading scientist, NOTED (Noninvasive Tests for Endometrial Dysfunction – Novel Clinical Perspectives for Infertility and Endometriosis Diagnostics) project. Funded by EUREKA's Eurostars program, EU.

**44 ISI publications**, of which **16 are first author**, **8 are second author** and **1 last corresponding author** publications. **68%** of the articles belong to the **1<sup>st</sup> Quartile** in their field. The sum of the times **cited all articles is 589** and 528 without self-citation, average **citations per article is 11.1**, and the **h-index is 16** (data from the WOS).

### Top publications as first author

1. **Altmäe S**, Esteban FJ, Stavreus-Evers A, Simón C, Giudice L, Lessey BA, Horcajadas JA, Macklon NS, D'Hooghe T, Campoy C, Fauser BC, Salamonsen LA, Salumets A. Guidelines for the design, analysis and interpretation of 'omics' data: focus on human endometrium. *Hum Reprod Update* 2014 Jan-Febr;(20)1:12-28.
2. **Altmäe S** and Reimand J, Hovatta O, Zhang P, Kere J, Laisk T, Saare M, Peters M, Vilo J, Stavreus-Evers A, Salumets A. Research Resource: Interactome of human embryo implantation: identification of gene expression pathways, regulation, and integrated regulatory networks. *Mol Endocrinol* 2012 Jan;26(1):203-217.
3. **Altmäe S**, Hovatta O, Stavreus-Evers A, Salumets A. Genetic predictors of controlled ovarian hyperstimulation: where do we stand today? *Hum Reprod Update* 2011 Nov-Dec;17(6):813-828.
4. **Altmäe S**, Stavreus-Evers A, Ruiz JR, Laanpere M, Syvänen T, Yngve A, Salumets A, Nilsson TK. Variations in folate pathway genes are associated with unexplained female infertility. *Fertil Steril*. 2010 Jun; 94(1):130-7.
5. **Altmäe S**, Martínez-Conejero JA, Salumets A, Simón C, Horcajadas JA, Stavreus-Evers A. Endometrial gene expression analysis at the time of embryo implantation in women with unexplained infertility. *Mol Hum Reprod*. 2010 Mar;16(3):178-87.

### Awards and Fellowships

- 2013 Marie Curie IEF FP7 Post-Doctoral Research Grant (grant agreement No. PIEF-GA-2012-329812; Project title NutriOmics)
- 2012 Royan International Research Award in reproductive genetics (Iran)

- 2011-2012 Spanish Ministry of Education 'Estancias de jóvenes doctores extranjeros en centros españoles' (grant no. SB2010-0025) (Spain)
- 2011 Best scientific poster award, ESHRE annual meeting (Sweden)
- 2010 Best poster award, Medical Faculty Symposium, University of Tartu (Estonia)
- 2011 ESF short visit grant "Frontiers of Functional Genomics" for collaboration project with Fundación IVI, University of Valencia (Spain)
- 2010 Young scientist award, Diczfalusy Foundation for Supporting Research in Reproductive Health (Sweden-Romania-Serbia-Hungary collaboration)
- 2010 Elected article in the European popular science article competition by Atomium Culture (EU Parliament) (results will be announced in September 2010)
- 2010 Best poster award candidate in European Human Genetics Conference (Sweden)
- 2010 Young Scientist Grant by GEMINI's Research Training School (Croatia)
- 2010 Young Scientist Fellowship by 4<sup>th</sup> ESF Conference in Functional Genomics and Disease (Germany)
- 2010 ESF exchange grant "Frontiers of Functional Genomics" for collaboration project with Fundación IVI, University of Valencia (Spain)
- 2009 ESF exchange grant "Frontiers of Functional Genomics" for collaboration project with Fundación IVI, University of Valencia (Spain)
- 2008 Organon Research Stipendium, Gynecology-Obstetrics (Sweden)
- 2007 Poster award at 2<sup>nd</sup> Society of Gynaecological Investigation International Summit "Reproductive Medicine" (Spain)
- 2007 Grant by Human Genome Variation to take part in the 9th International Meeting on Human Genome Variation and Complex Genome Analysis (Spain)
- 2007 Young Scientist Fellowship by Annual European Human Genetics Conference (France)
- 2007 Karolinska Institute fellowship for PhD education (Karolinska Institute, Sweden)
- 2006 Kristjan Jaak Fellowship from Estonia for conducting a collaboration project at Karolinska Institute (Sweden)
- 2005-2006 Swedish Institute Scholarship for conducting a collaboration project at Karolinska Institute (Sweden)