

Curriculum Vitae, Mattias Belting

- Date of Birth** 12th of February, 1970.
Married to Sandra Belting, two children, b. 2007 and 2009.
- Address** Lund University, Department of Clinical Sciences, Section of Oncology, Barnkatan 2B, 3rd floor, SE-221 85, Lund.
- E-mail** mattias.belting@med.lu.se
- Degrees etc.** *Läkarexamen (MD): Medical Faculty, Lund University, 1997.
*PhD: Cell and Molecular Biology, Medical Faculty, Lund University, 1999.
*Läkarlegitimation (License to practice medicine), 2001.
*Docent (Associate Professor): Lund University, Medical Faculty, 2004.
*Specialist of Oncology, The Swedish National Board of Health and Welfare, 2011.
*Professor of Clinical Oncology, November 2011.
- Major awards** *Young Scientist Award, organizing committee of Glyco XV, Tokyo, 1999.
*Stiftelsen Skapande Människas Pris, Stockholm, 1999.
*International Cancer Technology Transfer Fellowship (ICRETT), 2000.
*Main supervisor of Dr. Sandgren awarded with A-G Crafoord's prize for best thesis work at the Medical Faculty, Lund University, 2005.
*Inga and John Hains' Award for Young Scientists, Lund University, 2005 and 2006.
*The Fernström Award for young, promising, and successful scientists, 2011.
- Current position** *Professor of Oncology, Lund University; Consultant of Medical Oncology, Skåne University Hospital, Lund.
- Last three academic positions held** *2010-11: Senior research position at the Swedish Research Council.
*2005-2010: Research position at the Swedish Cancer Society.
*2001-2004: Research position (foass), Medical Faculty, Lund University.
- Clinical proficiency** *2011-: Specialist of Oncology.
*2005-2010: Resident physician (ST-läkare) in Oncology, Skåne University Hospital, Lund.
*2000-2001: AT-tjänst (internship) at Helsingborg Hospital, 2000-2001.
- Administrative duties** *Co-chairman of the "Strategic Group for future research areas", Medical faculty, Lund University, 2006; *Member of the "Facilitation group of translational research", Medical Faculty, Lund University, 2007/2008; *Member of the steering committee at the Dept. of Clinical Sciences, Section of Oncology, Medical Faculty, Lund University, 2010-.
- Research abroad** *1994-1995: Lancaster University, U.K., Prof. Ian Nieduszynski, as part of doctoral studies.
*1999: University of California, San Diego (UCSD), La Jolla, USA, Prof. Jeffrey D. Esko, postdoctoral studies.
*2002-2004: The Scripps Research Institute, La Jolla, USA, Prof. Wolfram Ruf, visiting fellow.

- Five selected publications** *Svensson, KJ, Kucharzewska, P, Christianson, HC, Sköld, S, Löfstedt, T, Johansson, MC, Mörgelin, M, Bengzon, J, Ruf, W, and **Belting, M.** (2011) Hypoxia triggers a pro-angiogenic pathway involving cancer cell derived microvesicles and PAR-2 mediated HB-EGF signaling in endothelial cells. Proceedings of the National Academy of Sciences USA 108:13147-52. Direct submission.
- *Wittrup A, Zhang SH, Svensson KJ, Kucharzewska P, Johansson MC, Mörgelin M, and **Belting M.** (2010) Magnetic nanoparticle-based isolation of endocytic vesicles reveals a role of the heat shock protein GRP75 in macromolecular delivery. Proceedings of the National Academy of Sciences USA 107:13342-7. Direct submission.
- *Svensson KJ, Welch JE, Kucharzewska P, Bengtson P, Bjurberg M, Pålman S, Ten Dam GB, Persson L, and **Belting M.** (2008) Hypoxia-mediated induction of the polyamine system provides opportunities for tumor growth inhibition by combined targeting of vascular endothelial growth factor and ornithine decarboxylase. Cancer Research 68:9291-301.
- ***Belting, M,** Dorrell, MI, Sandgren, S, Aguilar, E, Ahamed, J, Dorfleutner, A, Carmeliet, P, Mueller, BM, Friedlander, M, Ruf, W. (2004) Regulation of Angiogenesis by Tissue Factor Cytoplasmic Domain Signalling. Nature Medicine 10: 502-509.
- ***Belting, M,** Borsig, L, Fuster, M, Persson, L, Fransson, L- Å, Esko, JD. (2002) Tumor attenuation by combined heparan sulfate and polyamine depletion. Proceedings of the National Academy of Sciences USA 99: 371-376. Direct submission.
- Expert reviewer** *Advanced Drug Delivery Reviews; *Biochimica et Biophysica Acta; Breast Cancer Res.; *European Urology; *Experimental Cell Research; *Glycoconjugate Journal; *International Journal of Cancer; *Journal of Experimental Therapeutics; *Journal of Medicinal Chemistry; *Nucleic Acids Research; PlosOne; *The Journal of Biological Chemistry.
- PhD students, main supervision** *Staffan Sandgren, MD, PhD, 2005. The thesis was awarded with A-G Crafoord's prize for best thesis work at the Medical Faculty, Lund University, 2005.
*Anders Wittrup, MD, PhD, 2009.
*Johanna Welch (maiden name, Lilja), PhD, 2010.
*Paulina Kucharzewska, PhD, 2011.
*Katrin Svensson, PhD, 2012.
- Post-doctoral fellows** *Stefan Sköld, MD/PhD, postdoc, 2009-; *Anders Wittrup, MD/PhD, postdoc/forskar-AT, 2010-; *Si-He Zhang, PhD, 2006-2009, Per Bengtson, PhD, 2005-2008.
- Major Grants** *The Swedish Research Council, project grant, 2011-; *The Swedish Cancer Society, project grant, 2011- *ALF, project grant, 2011-.
- Industrial contacts** *Consultant of Pfizer Oncology (the translational study group of targeted therapies of cancer), 2009-;
*Consultant of Leo Pharma (anti-coagulant treatment in clinical oncology), 2010-.