



## Curriculum Vitae

Personal information **Heli Suila**

### Work experience

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1. Employer: Finnish Medicines Agency
  - Start date: 012015
  - End date:
  - Position: Senior Researcher
  - Activities:
  - Country: Finland
2. Employer: Finnish Red Cross Blood Service
  - Start date: 052008
  - End date: 122013
  - Position: Researcher, Ph.D Student
  - Activities:
  - Country: Finland
3. Employer: University of Helsinki, Department of Pathology and Neuroscience program
  - Start date: 091998
  - End date: 052008
  - Position: Researcher
  - Activities:
  - Country: Finland
4. Employer: University of Helsinki, Department of Biochemistry
  - Start date: 021998
  - End date: 071998
  - Position: Research Assistant and Assistant Teacher
  - Activities:
  - Country: Finland

### Education and training

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1. Subject: University of Helsinki, Department of Biochemistry
  - Start date: 052008
  - End date: 092014
  - Qualification: Ph.D. (Biochemistry)
  - Organisation: Biochemistry
  - Country: Finland
2. Subject: University of Helsinki, Department of Biochemistry
  - Start date: 081992
  - End date: 101998
  - Qualification: Master of Science
  - Organisation: Biochemistry, Chemistry, Pharmacy, Physics
  - Country: Finland

### Additional information

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#### Publications

Ph.D THESIS Suila H. Glycobiological insights in characterization and targeting of umbilical cord blood derived stem cells. Helsinki 2014. ISBN:978\_952\_5457\_33\_9. SCIENTIFIC PUBLICATIONS 1. Suila H, Hirvonen T, Ritamo I, Natunen S, Tuimala J, Laitinen S, Anderson H, Nystedt J, Rabinä J, Valmu L. Extracellular o-linked N-acetylglucosamine is enriched in stem cells derived from human umbilical cord blood. *Biores Open Access*. 2014 Apr 1;3(2):39\_44. 2. Suila H, Hirvonen T, Kotovuori A, Ritamo I, Kerkelä E, Anderson H, Natunen S, Tuimala J, Laitinen S, Nystedt J, Rabinä J, Valmu L. Human umbilical cord blood-derived mesenchymal stromal cells display a novel interaction between P-selectin and galectin-1. *Scand J Immunol*. 2014 Jul;80(1):12\_21. 3. Hirvonen T, Suila H, Tiitinen S, Natunen S, Laukkanen ML, Kotovuori A, Reinman M, Satomaa T, Alfthan K, Laitinen S, Takkinen K, Rabinä J, Valmu L. Production of a recombinant antibody specific for i blood group antigen, a mesenchymal stem cell marker. *Biores Open Access*. 2013 Oct;2(5):336\_45. 4. Natunen S, Lampinen M, Suila H, Ritamo I, Pitkänen V, Nairn AV, Rabinä J, Laitinen S, Moremen KW, Reutter W, Valmu L. Metabolic glycoengineering of mesenchymal stromal cells with N-propanoylmannosamine. *Glycobiology*. 2013 Aug;23(8):1004\_12. doi: 10.1093/glycob/cwt039. Epub 2013 May 25. 5. Hirvonen T, Suila H, Kotovuori A, Ritamo I, Heiskanen A, Sistonen P, Anderson H, Satomaa T, Saarinen J, Tiitinen S, Rabinä J, Laitinen S, Natunen S, Valmu L. The i blood group antigen as a marker for umbilical cord blood-derived mesenchymal stem cells. *Stem Cells Dev*. 2012 Feb 10;21(3):455\_64. 6. Suila H, Pitkänen V, Hirvonen T, Heiskanen A, Anderson H, Laitinen A, Natunen S, Miller-Podraza H, Satomaa T, Natunen J, Laitinen S, Valmu L. Are globoseries glycosphingolipids SSEA\_3 and \_4 markers for stem cells derived from human umbilical cord blood? *J Mol Cell Biol*. 2011 Apr;3(2):99\_107. 7. von Nandelstadh P, Ismail M, Gardin C, Suila H, Zara I, Belgrano A, Valle G, Carpen O, Faulkner G. A class III PDZ binding motif in the myotilin and FATZ families binds enigma family proteins: a common link for Z-disc myopathies. *Mol Cell Biol*. 2009 Feb;29(3):822\_34. 8. Spence HJ, Chen YJ, Batchelor CL, Higginson JR, Suila H, Carpen O, Winder SJ. Ezrin-dependent regulation of the actin cytoskeleton by beta-dystroglycan. *Hum Mol Genet*. 2004 Aug 1;13(15):1657\_68. 9. Salmikangas P, van der Ven PF, Lalowski M, Taivainen A, Zhao F, Suila H, Schröder R, Lappalainen P, Fürst DO, Carpén O. Myotilin, the limb-girdle muscular dystrophy 1A (LGMD1A) protein, cross-links actin filaments and controls sarcomere assembly. *Hum Mol Genet*. 2003 Jan 15;12(2):189\_203. 10. Mykkänen OM, Grönholm M, Rönty M, Lalowski M, Salmikangas P, Suila H, Carpén O. Characterization of human palladin, a microfilament-associated protein. *Mol Biol Cell*. 2001 Oct;12(10):3060\_73. 11. Valmu L, Fagerholm S, Suila H, Gahmberg CG. The cytoskeletal association of CD11/CD18 leukocyte integrins in phorbol ester-activated cells correlates with CD18 phosphorylation. *Eur J Immunol*. 1999 Jul;29(7):2107\_18.

Projects  
Memberships  
Other Relevant Information