

Curriculum Vitae

Personal information **Tiina Asikainen**

Work experience

Paediatrician, neonatologist, 2011-present, Finland
Senior Medical Officer: 8/2017-3/2022, Finnish Medicines Agency Fimea, Finland
Chief Paediatrician, greater Helsinki area: 8/2014-11/2016, Suomen Terveystalo, Finland
Medical Doctor, Paediatrician, Neonatologist: 2006-2012, Helsinki University Central Hospital, Finland; Paediatric residency, neonatology fellowship, consultant neonatologist and paediatrician at intensive care unit
Scientist: 2002-2006, National Jewish Health, Colorado, USA
Scientist: 1995-2001, University of Helsinki, Finland

Education and training

Specialist qualification in healthcare management: 2015, Finnish Medical Association, Finland
Specialist degree in Paediatrics and Neonatology: 2011, University of Helsinki, Finland
Postdoctoral scientist, Junior faculty member: 2002-2006, University of Colorado Health Sciences Center, Denver, Colorado, USA
Doctor of Philosophy, PhD: 2001, University of Helsinki, Finland
Doctor of Medicine, MD: 1995, University of Helsinki, Finland

Additional information

Publications

Examples of publications:

1. Asikainen TM, Schneider BK, Waleh NS, Clyman RI, Ho W-B, Flippin LA, Günzler V, White CW. Activation of hypoxia-inducible factors in hyperoxia through prolyl 4-hydroxylase blockade in cells and explants of primate lung. *Proc Natl Acad Sci USA* 102:10212-10217, 2005.
2. Asikainen TM, Chang L-Y, Coalson JJ, Schneider BK, Waleh NS, Ikegami M, Shannon JM, Winter VT, Grubb P, Clyman RI, Yoder BA, Crapo JD, White CW. Improved lung growth and function through hypoxia-inducible factor in primate chronic lung disease of prematurity. *The FASEB Journal* 20:1698- 1700, 2006.
3. Grover TR*, Asikainen TM*, Kinsella JP, Abman SH, White CW. Hypoxia-inducible factors HIF-1alpha and HIF-2alpha are decreased in an experimental model of severe respiratory distress syndrome in preterm lambs. *Am J Physiol Lung Cell Mol Physiol* 292: L1345-L1351, 2007. *Contributed equally.
4. Asikainen TM, Waleh NS, Schneider BK, Clyman RI, White CW. Enhancement of angiogenic effectors through hypoxia-inducible factor in preterm baboon lung in vivo. *Am J Physiol Lung Cell Mol Physiol* 291: L588-L595, 2006.
5. Asikainen TM, Ahmad A, Schneider BK, Ho W-B, Arend M,

Brenner M, Günzler V, White CW. Stabilization of HIF-1 α and HIF-2 α by prolyl 4-hydroxylase inhibition in human lung endothelial and epithelial cells. *Free Radic Biol Med*, 38:1002-1013, 2005.

6. Asikainen TM, Huang T-T, Taskinen, E, Levonen A-L, Carlson E, Lapatto R, Epstein CJ, Raivio KO. Increased sensitivity of homozygous *Sod2* mutant mice to oxygen toxicity. *Free Radic Biol Med*, 32: 175- 186, 2002.
7. Asikainen TM, Raivio KO, Saksela M, Kinnula VL. Expression and developmental profile of antioxidant enzymes in human lung and liver. *Am J Respir Cell Mol Biol* 19: 942-949, 1998.

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