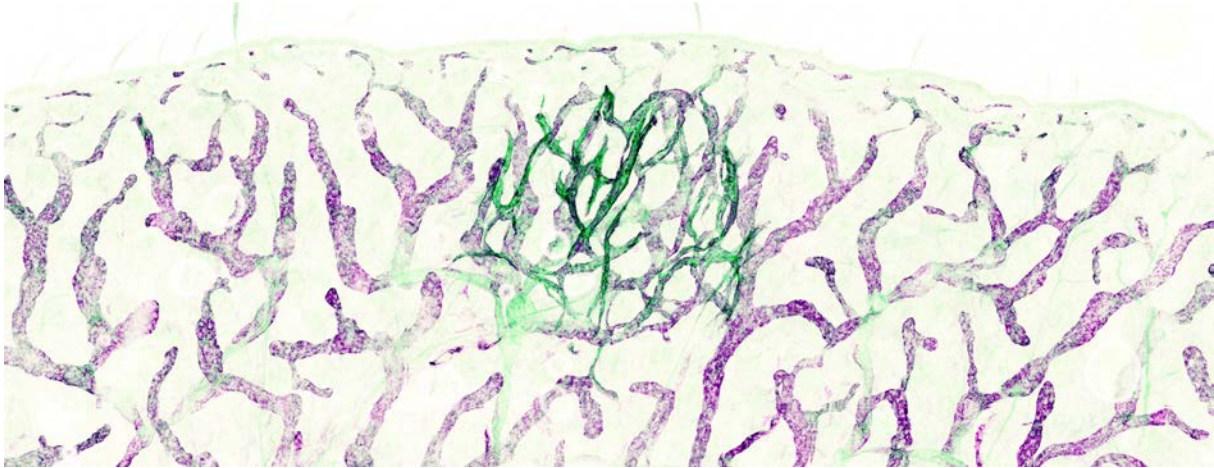


## Postdoctoral position to study mechanisms of lymphatic malformations



Postdoctoral position is available in the group of Taija Mäkinen at Uppsala University, Sweden. The lab studies fundamental mechanisms of tissue morphogenesis and disease in the vascular system. The aim is to understand how endothelial cells communicate with the tissue environment to co-ordinate morphogenesis and functional specialization of the vasculature, but also how regulators of developmental (lymph)angiogenesis impact on genetic human diseases such as lymphedema and vascular malformations.

For more details about the group's research please see: <http://www.makinenlab.com/>

**Project description.** The selected candidate will work on a project to study pathogenic mechanisms of PIK3CA-driven lymphatic malformations utilizing genetic mouse models, combined with state-of-the-art cell and molecular biology techniques (including single cell RNA sequencing, flow cytometry, confocal, light-sheet and super-resolution microscopy). See also: Martinez-Corral et al, Nat Commun 2020, PMID: 32513927.

**Qualifications.** We are looking for a highly motivated individual with a PhD and research background in molecular or cell biology, developmental biology or biochemistry, and a proven track record of successful scientific work. Strong background in molecular/cell biology, mouse genetics, flow cytometry and/or imaging is required.

**How to apply.** To apply, please send your CV together with the names of three references and a short description of yourself and the motivation to join the group to: [taija.makinen@igp.uu.se](mailto:taija.makinen@igp.uu.se)