

## **Peetra Magnusson - Vascular interactions and human innate immunity**

Disturbances in vascular function contribute to the development of several diseases and as a further consequence to human mortality. To answer specific questions about diseases involving vascular inflammation and innate immunity Peetra Magnusson's group utilize innovative in vitro models with human cellular components that are unique in that they obtain relevant results regarding scientific questions in vascular disease models, creating a causal relationship between the conducted analyses and the final result. The overall aim of their research is to further develop available in vitro models creating proof of concept and establish therapeutic strategies that will correctly mimic the early events of human innate immunity and vascular interactions.