

Subject: Postdoc Position, Membrane Modeling, Univ of Oslo

From: Andreas Carlson <acarlson@math.uio.no>

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A 3-year post-doctoral research fellowship is available at the

Department of Mathematics, Section for Mechanics at the University of Oslo.

The project is funded by the Research council of Norway, lead by

Associate Professor Andreas Carlson and focuses on the development of mathematical models and numerical simulations of cell membrane

dynamics. More specifically, it will address the basic mechanochemical

processes that regulate one of the most fundamental communication

pathways in cell biology - the encapsulation and internalization of

liquid and transmembrane cargo at intracellular

membranes. The project work will be conducted in close collaboration with experimental cell biologists at Oslo University Hospital (Professor Harald A. Stenmark).

Experience in multidisciplinary research and knowledge of basic methods in membrane modelling, biophysics, numerical simulations of PDE's and/or fluid mechanics is highly beneficial.

Further details about the position and the application procedure is found at:

<https://www.jobbnorge.no/ledige-stillinger/stilling/134112/post-doctoral-research-fellowship-in-modeling-of-intracellular-membranes>

Enquires about the position can be made to Associate Professor Andreas Carlson (acarlson@math.uio.no)