



The following position is available in the Structural Cell Biology Group at the Medical School of the TU Dresden, Germany:

Joint post-doc to work on „Structural analysis of cortical constriction in mammalian cytokinesis“

in the Müller-Reichert lab (TU Dresden) / Mahamid lab (EMBL, Heidelberg)

We are interested in the constriction of the intercellular bridge during cytokinesis in mammalian cells. The Müller-Reichert lab applies correlative light microscopy and serial-section electron tomography (<https://tu-dresden.de/med/mf/cfci/forschung>). The Mahamid lab (<https://www.embl.de/research/units/scb/mahamid/>) will use 3D targeted cryo-FIB in combination with cryo-electron tomography to study the structure of ESCRT-III-dependent filaments.

We are looking for a highly motivated Post-doc to work jointly in the Müller-Reicher and Mahamid labs. The candidate should have a strong interest in biological electron microscopy, three-dimensional reconstruction and structure determination. Prior experience with electron tomography, correlative microscopy and/or computational image processing are beneficial but not required.

The position is initially funded for two years through a DFG grant.

For more information you may contact: Prof. Dr. Thomas Müller-Reichert, Experimental Center, Medical School Carl Gustav Carus, TU Dresden.

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Applications, including a letter describing current research and motivation, and a CV with a list of references for recommendation letters, should be sent to the email above by **June 10, 2019**.

