

Post-doctoral position in Cell Biology and Electron Microscopy at the MPI-CBG (Dresden, Germany)

The group of [Marino Zerial](#) is looking for a highly-motivated post-doctoral candidate with a strong background in EM and cell biology to work on the following projects:

**1. The study of endosome compartmentalization in membrane subdomains using Correlative Light-Electron Microscopy (CLEM) and Electron Tomography.**

This work will be complemented by genetic perturbations to understand underlying machineries and the structure-function relation of the endocytic pathway.

**2. The 3D reconstruction of the liver tissue using Serial Block-Face SEM.**

This project aims at understanding the design principles of liver tissue structure and function, using the developing and regenerating mouse liver as a model system.

Both projects will be carried out in the lab of [Marino Zerial](#) in close collaboration with Jean Marc Verbavatz, the Electron Microscopy (EM) Facility leader at the MPI-CBG (<http://www.mpi-cbg.de/en/facilities/profiles/electron-microscopy.html>). The EM facility will provide resources, technology and expertise that are required for these projects.

Candidates should have a degree in biology and strong expertise in EM. An excellent command of English together with good communication skills and self-motivation are also required.

Candidates interested in this position should send a copy of their CV and motivation letter together with contacts of two referees to Marino Zerial ([zerial@mpi-cbg.de](mailto:zerial@mpi-cbg.de)) and Jean Marc Verbavatz ([verbavat@mpi-cbg.de](mailto:verbavat@mpi-cbg.de)). The position is available immediately.

The Max Planck Society is an equal opportunity employer: handicapped individuals are strongly encouraged to apply. The Center for Systems Biology, the MPI-CBG and the MPI-PKS aim to increase the number of women in scientific positions. Female candidates are therefore particularly welcome.