The international research training group (RTG)

**EvoCell:**

Cellular Mechanisms of Evolutionary Innovation

at the University of Osnabrück (Germany) invites applications for

6 PhD positions

starting latest from October 1st, 2018. The positions are within the TV-L E13 German public sector pay scale and offered for three years at a 65% base.

The international RTG “EvoCell: Cellular mechanisms of evolutionary innovation” aims at bridging the gap between evolutionary and cell biology. Participating groups provide a collaborative research environment including access to state-of-the-art imaging equipment at the Center for Cellular Nanoanalytics (CellNanOS) in close association with the Collaborative Research Center 944 (SFB 944). Successful candidates will participate in a structured training program including scientific courses, training in transferable and outreach skills, and participation in research symposia. Candidates with an excellent master degree in Biology or related subjects, and a strong interest for research at the intersection between evolution and cell biology are invited to apply. Positions are filled on a competitive basis. Good English language skills are mandatory as the language of the RTG is English.

The following projects are part of the research training group:

- **P1:** Evolution of complexity of the cell membrane (A. Mulkidjianian/Physics)
- **P2:** The evolution of multicellular clusters in bacteria: causes and consequences (C. Kost/Biology)
- **P3:** The interplay between metabolic evolution on a cell level and community dynamics in microbial systems (K. Frank/Environmental Systems Research).
- **P4:** Evolution of TORC1 signaling in the control of serine homeostasis (F. Fröhlich/Biology).
- **P5:** Evolution of regulatory networks controlling sexual reproduction in land plants (S. Zachgo/Biology).
- **P6:** The evolution of cytoskeletal regulation and neuronal complexity (R. Brandt/Biology).

Additional information is available on the homepages of the participating groups.

As a certified family-friendly institution, the University of Osnabrück is committed to furthering the compatibility between work/studies and family life. The University of Osnabrück is a highly committed equal opportunity employer and strives to work towards a gender balance in schools or departments, where new appointments are made. Furthermore, qualified applicants with disabilities will be favored.

Applications should include a curriculum vitae, list of publications, certificates of academic qualifications and addresses of two referees together with a short statement describing your research interest and motivation to join the research training group. Deadline for application is May 31th, 2018. Please send application documents as a single PDF via email to bewerbung@biologie.uni-osnabrueck.de.