

# Job Announcement

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## Postdoctoral Position in Nano-Immunology

University of Freiburg, Germany

The laboratory of Molecular Immunology of the Excellence Cluster of Biological Signalling Studies (BIOSS) is looking for an experienced molecular immunologist and cell biologist interested in the nanoscale organization of lymphocyte membranes. The project aims at investigating how proteins are organized in nanoclusters or protein islands on the membrane of resting B lymphocytes and how they change their conformation and position upon B cell activation. The candidate should have a solid theoretical and practical knowledge in cell biology and immunology and experience in cell culture and cell sorting. She/he will join a small international team that is using and developing novel techniques to study the nanoscale organization of receptors on either normal or tumor B cells such as human leukemia and lymphoma.

The University of Freiburg and BIOS S are offering optimal working conditions, ample lab space and technological support and an active signaling research community. This position is available from November 2017 in the laboratory of Prof. Michael Reth, Biology III, Faculty of Biology, University of Freiburg and director of BIOS S, Freiburg, Germany.

<http://www.bioss.uni-freiburg.de/de/molecular-immunology/reth-lab/>

The position is initially limited to December 31<sup>st</sup>, 2018, with the possibility of extension.

Applications which should include a detailed CV and a letter of motivation and scientific track record should be sent **exclusively per Email as one single pdf file** to

Christine Ehler: [christine.ehler@bioss.uni-freiburg.de](mailto:christine.ehler@bioss.uni-freiburg.de)

Deadline for application is October 15, 2017

### Publications:

1. Klaesener K, Maity PC, Hobeika E, Yang J, Reth M. (2014). B cell activation involves nanoscale receptor reorganizations and inside-out signaling by Syk. *Elife* 3: e02069.
2. Maity PC, Yang J, Kläsener K, Reth M. (2014). "The nanoscale organization of the B lymphocyte membrane." *Biochim Biophys Acta* **1853**(4): 830-840.
3. Maity PC, Blount A, Jumaa H, Ronneberger O, Lillemeier BF, Reth M. (2015). B cell antigen receptors of the IgM and IgD classes are clustered in different protein islands that are altered during B cell activation. *Sci Signal* 15 (8).