The **University of Freiburg**, Germany, is looking for

**a Postdoctoral Fellow**

in the Area of Immunology and Biochemistry for an initial two-years appointment. The position is available in the Department of Immunology of the Faculty of Biology and the Excellence Cluster BIOSS. Contact persons are Dr. **Susana Minguet** and Prof. Dr. **Wolfgang Schamel**.

The **T cell receptor (TCR)** serves a critical function in the immune system and represents one of the most complex and fascinating receptor structures. We are since many years thrilled by the molecular mechanisms regulating the activation of this receptor. We have elucidated **conformational switches** defining the activation state of the TCR (Gil et al., 2002; Minguet et al., 2007) and the impact of **membrane lipids** on the activity of the TCR (Schamel et al., 2017; Swamy et al., 2016; Wang et al., 2016). Using this knowledge this project aims to modulate the threshold for T cell activation by perturbing the conformational equilibrium of the TCR and to test the impact on T cell activation.

The project is in close cooperation with a **pharmaceutical partner** and will be supported by a **full technician** and all the infrastructure of the Department and the **Excellence Cluster BIOSS**.

The position should start as soon as possible, and payment and social benefits will be in accordance with the regulations of the German TVoeD (salary agreement for public service employees). Women are especially encouraged to apply and handicapped applicants with equal qualification will be given preferential treatment. A childcare facility is attached to the Institute.

Applicants should send their application to miriam.Vitt@bioss.uni-freiburg.de

We are looking forward hearing from you.
For further information please contact:
wolfgang.schamel@biologie.uni-freiburg.de
https://www.bioss.uni-freiburg.de/departmentimmunology/home/

Freiburg is the “capital” of the black forest and a lively university town located in the trinational Biovalley area between Switzerland, France and Germany. The Institute has a high percentage of foreign researchers as well as a nursery for children of 6 month to 3 years of age. Our group is also part of the “excellence programs” of the University of Freiburg.

References