

The Institute of Experimental Immunology (IEI) (Director Prof. Dr. Christian Kurts) is part of the Medical Faculty of the Excellence University of Bonn. The IEI has long-standing, internationally-recognised research expertise on basic and applied immunology. Currently the IEI has over 50 staff members including 3 professors, 4 group leaders and over 30 scientists and PhD students ([www.iei-bonn.de](http://www.iei-bonn.de)). We are supported by the DFG-funded Cluster of Excellence ImmunoSensation and several SFBs.

The **SFB 1192 “Immune-mediated glomerular diseases- Basic Concepts and clinical Implications”** is an interdisciplinary research consortium consisting of nephrologists, immunologists, pathologists and physiologists, which aims to unravel the mechanisms of autoimmune kidney disease. We are part of this consortium and offer

## **1 Postdoctoral (TV-L13 100%) and 1 PhD student (TV-L13 65%) position**

to analyse the details of role of dendritic cells (DC) in glomerulonephritis. The positions are first limited to three years with the possibility of extension.

### **Description:**

The project has been funded for 4 years and was recently renewed. It will continue studying the role of DCs during glomerulonephritis, now focusing at the single cell level and on chemokine and complement receptors, and translate the findings to patients. The long-term aim is to obtain a better understanding of this disease and to identify targets for therapeutic strategies.

We offer a well-equipped laboratory, powerful support by several core facilities and structured education programs that promote scientific education and long-term development of scientists to pursue their career in the field of translational science.

The ideal applicant is highly motivated and talented, has good English communication skills and is willing to succeed in a highly supportive and productive team. In addition, we are looking for:

### **Your profile as PhD student:**

- Master’s degree in biology, biochemistry, biomedicine or similar
- Knowledge in immunology, life sciences, and molecular techniques
- Experience with *in vivo* experimental models and flow cytometry are advantageous

### **Your profile as Postdoctoral scientist:**

- PhD or Dr. rer. nat. in one of the above topics
- Good knowledge in immunology, *in vivo* experimental models, flow cytometry and single cell genomics are required

The University of Bonn is committed to being an equal opportunity employer in our recruitment efforts. Preference will be given to suitably qualified female applicants or handicapped people, all other considerations being equal.

### **Application:**

Please send a letter of Motivation, C.V. and certificates in one single pdf file to Prof. Christian Kurts via email ([iei@uni-bonn.de](mailto:iei@uni-bonn.de)) by **March 8<sup>th</sup>, 2020**.