The University Hospital Bonn is a maximum care facility with a regular capacity of 1.300 beds. Our current staff of more than 8.000 performs assigned duties in research, teaching and medical treatment, including the use of advanced medical technologies, and public health care services at the highest possible level. Interested applicants will be offered a wide range of employment opportunities in a variety of fields.

The group of Prof. Dr. Dirk Baumjohann at the Medical Clinic III for Oncology, Hematology, Immuno-Oncology and Rheumatology at the University Hospital Bonn is currently recruiting for a full-time (38.5 hours per week)

**Postdoctoral Fellow (m/f/d) in T Helper Cell Biology**

The position is available for an initial period of two years with a possible extension. The employment is planned to start in January 2021 or upon agreement.

Our research focuses on T helper cells, which coordinate cellular and antibody-mediated immune responses to a variety of pathogens. While several distinct T helper cell subsets have been described in the past, new research indicates that T helper cell differentiation is characterized by a considerable degree of flexibility and plasticity. We have a long-standing interest in T follicular helper (Tfh) cells, which represent the prototypic T helper cell subset that provides help to B cells for efficient antibody responses (J Immunol 2011, Immunity 2013, Nat Immunol 2013, Nat Rev Immunol 2013, Curr Opin Immunol 2014, Methods Mol Biol 2015, Trends Immunol 2016, Front Immunol 2018, Immunol Rev 2019, J Immunol 2020, Eur J Immunol 2020a, EBioMedicine 2020, Clin Transl Immunology 2020, Eur J Immunol 2020b, CellRep 2020). In this project, we will combine cellular and molecular immunology techniques with *in vivo* disease models, patient-derived samples, and single-cell genomics to dissect the mechanisms of Tfh cells at the crossroads of immunity and autoimmunity.

**Requirements:**

Highly motivated candidates with a proven track record of excellent scientific accomplishments are encouraged to apply. Applicants should hold a PhD or MD/PhD degree in Immunology, Molecular Medicine or similar. Previous hands-on experience in immunological techniques such as multidimensional flow cytometry and *in vivo* models is expected. Experience in human immunology and in conducting and analyzing scRNA-seq experiments is a plus. Good communication skills and fluency in English are essential.

**We offer:**

- A thriving and collaborative academic and research environment
- A professional career development program
- The salary will be according to the German salary scale TV-L (EG 13, 100%)
- Supplementary benefits in the public sector (pension plan according to VBL)
- The candidate will have opportunities to obtain additional external funding and develop an independent research program during postdoctoral training.
The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university. It aims to increase the proportion of women in areas where women are under-represented and to promote their careers in particular. It therefore urges women with relevant qualifications to apply. Applications will be handled in accordance with the Landesgleichstellungsgesetz (State Equality Act). Applications from suitable individuals with a certified serious disability and those of equal status are particularly welcome.

Applications will be considered until the position is filled. Please send your application (including a letter of motivation, curriculum vitae, names + contact information of two referees) as a single PDF file and under indication of reference number 666_2020 until 01.12.2020 to Prof. Dr. Dirk Baumjohann:

Prof. Dr. Dirk Baumjohann  
Medical Clinic III for Oncology, Hematology, Immuno-Oncology and Rheumatology  
University Hospital Bonn  
Biomedical Center I, 2G024  
Venusberg-Campus 1, 53127 Bonn, Germany  
Tel: +49 (0)228 287 51185  
E-mail: dirk.baumjohann@uni-bonn.de  
Web: http://www.haematologie-onkologie-bonn.de/ag-baumjohann/  
Twitter: https://twitter.com/BaumjohannLab