

PhD student position (German salary scale TVL 13 65%) available at the Department of Anaesthesiology and Intensive Care Medicine. Group leader: PD Dr. med. Christina Weisheit, University Hospital Bonn.

The DFG approved project „**The role of the senescent innate and adaptive immune system in the development of Aortic valve stenosis**” is a collaborative project of three working groups in Cologne and Bonn.

To analyse the influence of ageing in the immune response in aortic valve stenosis (AS), the department of Anaesthesiology and Intensive Care Medicine of the University Hospital Bonn offers a PhD student position over a period of 3 years. The project will address the role of age on myeloid and lymphoid leukocyte subsets and their role in the pathogenesis of aortic valve stenosis, a progressive inflammatory disease that is, impeding blood ejection from the left ventricle and causing serious cardiovascular complications.

We are seeking a highly motivated and talented candidate with a strong interest in immunology and cardiovascular diseases with the following profile

- Diploma thesis or Master's degree in biology, biochemistry, pharmacy, biomedicine or similar.
- Basic Knowledge in immunology, life sciences and cellular techniques.
- Excellent skills for team working and communication (oral and writing) in English
- Experience with *in vivo* and *in vitro* experimental models, flow cytometry, and gene sequencing are advantageous

Doctoral students will participate in a structured program that promotes scientific education and long-term development of medical scientists to pursue their career in the field of translational cardiovascular science.

Application:

Please send a Letter of Motivation, C.V. and certificates to PD Dr. med. Christina Weisheit via email Christina.Weisheit@ukbonn.de by **February 14, 2024**.

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.