

The Excellence Cluster Cardio-Pulmonary Institute (CPI) of the Justus-Liebig University Giessen (JLU) combines state-of-the-art basic science and sophisticated pre-clinical research in lung and heart diseases. The Chair for Molecular Mechanisms of Emphysema, Hypoxia and Lung Aging, Prof. Dr Norbert Weissmann, invites talented and motivated candidates to apply for a position as

Doctoral Scholarship (PhD, f/m/d)

Tasks:

The successful candidate should learn to evaluate research results independently; write scientific abstracts and manuscripts; and participate in one of the internationally leading graduate programmes associated with pulmonary research. Experimental research includes at least one of the following areas:

- Molecular, cell biological, physiological, histological examinations of pulmonary emphysema or pulmonary hypertension.
- Investigation of genetic/epigenetic signatures and molecular pathways leading to lung injury and repair.
- Examinations in pre-clinical disease models with advanced imaging techniques.
- Clinical studies from available biobank material.

The project will be carried out in close collaboration with the Collaborative Research Center (SFB) 1213 "Pulmonary Hypertension and Cor pulmonale" and the Universities of Giessen and Marburg Lung Center (UGMLC), integrated into The German Center for Lung Research (DZL).

Requirements:

We are looking for an enthusiastic student with a master degree (or equivalent) in life sciences or a degree in human or veterinary medicine. Candidates that have knowledge and experience in performing the activities mentioned above are preferred. A high degree of responsibility, motivation, communication skills in collaboration with colleagues and scientists, flexibility, commitment and interest in scientific work and laboratory activities round off your profile. We offer an extensive range of advanced training in an international environment (laboratory language English) with top-level research. The position is available immediately and initially limited to 3 years.

Application:

Please send the application (with cover letter, CV, relevant certificates and at least two references), preferably by e-mail in a **SINGLE PDF file** to Cheng-Yu.Wu@innere.med.uni-giessen.de or by post addressed to Cheng-Yu Wu, Excellence Cluster Cardio-Pulmonary Institute (CPI), Aulweg 130, 35392, Giessen, Germany. If applying per post, please include only copies as we will not return any submitted documents.