

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. Prof. Dr Norbert Weissmann, Prof. Dr Miguel A. Alejandre-Alcazar and Dr. Stefan Hadzic invite talented and motivated candidates to apply for

## Doctoral Scholarship (PhD, f/m/d)

Criteria: 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 the following areas:

- Molecular, cell biological, physiological, histological examinations and systemic effects of lung diseases.
- Investigation of genetic/epigenetic pathways leading to lung injury and repair.
- Disease modelling (including precision-cut lung slices and organoids) using *ex vivo* human material/cells.
- Examinations performed in pre-clinical disease models using available cutting edge technologies.

The project will be carried out in close collaboration 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 [Stefan.Hadzic@innere.med.uni-giessen.de](mailto:Stefan.Hadzic@innere.med.uni-giessen.de) and [Miguel-Angel.Alejandre-Alcazar@innere.med.uni-giessen.de](mailto:Miguel-Angel.Alejandre-Alcazar@innere.med.uni-giessen.de) or by post addressed to Stefan Hadzic, 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.