

Open postdoc position on neonatal infection immunology

Funded by a grant from the European Research Council (ERC Adv Grant EarlyLife) the Hornef lab is seeking a highly motivated and skilled postdoctoral researcher to join our group's research activities on neonatal infection biology, postnatal mucosal immune development and the establishment of host-microbe homeostasis in the intestine after birth. The envisaged project is planned to extend on our previous work on the mucosal response to the small intestinal pathogen *Giardia lamblia* and long-term metabolic, developmental and immunological consequences of the infection (Riba et al., *Sci. Transl. Med.*, 2020). Our Institute of Medical Microbiology belongs to the Medical Faculty of the RWTH University, a large academic institution situated in the old city of Aachen, in Germany and provides all research infrastructure (e.g. gnotobiology, NGS, advanced imaging) required. Our group is part of multiple national and international research consortia (e.g. the CRC1382, www.crc1382.org; the priority program SPP2225, www.spp2225.rwth-aachen.de; or the Euregional Microbiome Center, www.microbiomecenter.eu) A PhD in biology, biochemistry or a related field, previous work with animals and advanced molecular biology methods, profound knowledge in immunology and/or microbiology and a high degree of motivation for explorative and hypothesis-driven research and dedication to work in an interdisciplinary and international team are required. The position (payment scheme E13) is available immediately and could be extended for five years. Please find more information under www.hornef-lab.ukaachen.de. Contact: Mathias Hornef, MD at +4924189510 or mhornef@ukaachen.de.

