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Medizinische Klinik IV – Nephrologie

Dr. Tobias Hermle

Arbeitsgruppenleiter/Funktionsoberarzt

Medizinische Klinik 4
Nephrologie und Allgemeinmedizin
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PhD position in Nephrology in Freiburg

Studying mechanisms of genetic renal disease in *Drosophila* and mouse.

Full-time, E13 65%, DFG-funded, fixed-term 3 years, **starting in fall 2020.**

Project:

- The lab is interested in studying mechanisms of genetic renal disease with a focus on monogenic causes of nephrotic syndrome.
- We are utilizing the *Drosophila* and mouse animal models in conjunction with approaches in cell culture.
- The podocyte-like *Drosophila* nephrocytes will be employed to characterize disease genes functionally and for whole-animal drug screening to develop novel therapeutic strategies.
- The candidate will work in a diverse scientific environment with extensive supervision and support.

Requirements:

- We are looking for a highly motivated and ambitious candidate with a strong interest in basic research with clinical relevance.
- The applicant should hold a master's degree in Biology, Molecular Medicine, or an equivalent discipline.
- Experience in cell and molecular biology, mice or *Drosophila* is desirable but not mandatory.

Application:

- Interested candidates should send a CV, a brief motivation letter and two references to **Dr. Tobias Hermle** (tobias.hermle@uniklinik-freiburg.de).