State-of-the-art medicine and nursing care you can rely on

Since being founded in 1815, Universitätsklinikum Erlangen has offered medicine of the highest standard and incorporated the latest insights from medical research and state-of-the-art equipment into diagnosis and therapy. More than 7,500 employees from approximately 50 different occupations are needed to provide the wide range of services offered by Universitätsklinikum Erlangen, ensuring our patients receive the very best care around the clock.

PhD position in Molecular Cell Biology
at the Division of Molecular and Experimental Surgery starting from 01.04.2020

Your tasks:
Our laboratory is interested in the role of stromal cells (fibroblasts, endothelial cells, immune cells) in the development of colorectal cancer. The specific project of the successful candidate focuses on the role of tumor microenvironment-dependent fibroblast polarization in colorectal cancer. To this goal, cancer-associated fibroblast heterogeneity will be characterized at the molecular level and the impact of the different fibroblast activation stages on tumorigenesis will be investigated in different in vitro models and experimental animal systems.


The project is embedded within the Interdisciplinary Center of Clinical Research (IZKF) and the German Research Foundation (DFG)-funded research group FOR 2438 on Cell Plasticity in Colorectal Carcinogenesis. The successful candidate will be integrated in the research training group Life@FAU which provides a structured educational programme with regular meetings, workshops, and seminars for PhD students.

Essential experience / qualifications:
We are looking for highly motivated candidates holding a Master / Diploma in Biology, Biochemistry, Molecular Medicine or similar; solid knowledge of molecular and cell biological techniques; good English knowledge.

Desirable experience / qualifications:
Experience with in vivo mouse models (FELASA-B) will be of advantage.

Comments:
Pay grade is determined depending on qualifications and personal requirements according to TV-L
The position is initially for a fixed term of 36 months
The position is full time
We offer:
A secure, interesting position as part of a motivated, open team
A thorough and qualified induction, and support in your new challenge
All public service benefits, including supplementary benefits from the Federal and State Government Pension Fund (VBL)

Further information:
Prof. Dr. rer. nat. Michael Stürzl
Phone: +49 9131 85-39522
E-Mail: michael.stuerzl@uk-erlangen.de

Applications:
Please send your application (including CV, letter of motivation, contact information of two references, and list of publication) by 13.03.2020 at the latest to:
Universitätsklinikum Erlangen
Chirurgische Klinik
Translational Research Center
Prof. Dr. rer. nat. Michael Stürzl
Schwabacheranlage 12
91054 Erlangen
E-Mail: michael.stuerzl@uk-erlangen.de

Additional information:
www.uk-erlangen.de/karriere/hinweise-fuer-bewerber/