



UNIKLINIK
KÖLN



The University of Cologne offers a wide range of scientific disciplines and internationally leading profile areas organized in six faculties. At the Faculty of Medicine 1.800 scientists are engaged in research, ranging from basic sciences to clinical application, as well as teaching and health care. Together with the University Hospital Cologne the faculty maintains 58 clinics, research institutes and centres. 3.400 students study in this dynamic and innovative environment. The Faculty of Medicine and the University Hospital Cologne are embedded in the scientifically highly active Rhine region. They have strong contacts to and alliances with the surrounding universities and non-university research institutions guaranteeing scientific excellence in research and teaching.

The research group of **Prof. Dr. med. Martin Sos (Molecular Pathology, Institute of Pathology and Department of Translational Genomics)** is seeking applications for a full-time

Postdoctoral fellow in the area of Molecular Cancer Biology

to be employed under a limited-time contract (until December 31st, 2021; Third-Party Funding).

The main goal of our research efforts is to provide breakthrough medicine for cancer patients; our projects are centered on functional understanding of molecular processes that modulate the response to cancer therapies. We employ state-of-the-art gain-of-function and loss-of-function experiments and genome and transcriptome sequencing as well as animal experiments to capture the cellular networks that modulate these processes. A focus of our work is to combine cutting-edge computational biology methods with innovative molecular cell biology methods. We aim to understand the dynamics of cellular signaling in the context of therapeutic efficacy of drugs that target specific cancer vulnerabilities. To tackle this we plan to establish a versatile mouse model platform and use this platform to identify effective cancer therapies.

We are looking for talented scientists driven by the desire to make a relevant contribution to the treatment of cancer patients by discovering significant findings in the lab. A profound knowledge of cancer cell biology, prior research experience and the ability to drive projects as well as a high degree of excitement are a must. The position requires a doctoral degree in a relevant field, such as cell biology or biochemistry, as well as experience in planning and pursuing animal experiments. We offer a great environment within the lab, intensive mentoring and multiple interactions with global leaders, both from academia and industry.

Your salary will be based on E13 TV-L.

Applications from female candidates are welcome; suitably qualified women will be given preferential consideration unless other applicants clearly demonstrate superior qualifications.

We also welcome applications from disabled candidates, who will also be given preferential consideration over other applicants with comparable qualifications.

The position is suitable for staffing with part-time employees.

Please address telephone enquiries to Prof. Dr. Martin Sos at +49 221 478-96175.

Further information is available on the internet at <https://pathologie.uk-koeln.de/forschung/molekulare-pathologie/>

Have we awakened your interest? Please submit your application (including a detailed CV, list of publications, two references and a brief statement of research interests) here online www.uk-koeln.de/karriere/stellenangebote

We prefer online applications, but you also have the opportunity to apply via regular mail **by mail:** katia.garbert@uni-koeln.de

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Molekulare Pathologie
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