



The University Hospital of Cologne ranks among the leading university hospitals in Germany. Our 6,800 employees, working in more than 59 highly efficient clinics, polyclinics and institutes offer optimum inpatient and outpatient care as well as professional vocational training and continuing education programs. With some 1,300 beds, we are one of the largest hospitals in the state of North Rhine-Westphalia. Our international reputation is based on our outstanding record as a provider of top-flight medical care and as a leading academic institution in the fields of medical research and teaching.

The **Center of Integrated Oncology (CIO)** Cologne Bonn is part of the University Hospital and has recently been ranked as one of the Top 4 German Comprehensive Cancer Centers in Germany by an external review board. The Department I of Internal Medicine (Hematology & Oncology) is an highly active research organization with 15 scientific groups and 110 scientific employees within the CIO.

The **Laboratory of CLL Pathogenesis of the Department I of Internal Medicine** (Director: Univ.-Prof. Dr. M. Hallek) at the University Hospital of Cologne is seeking applications for

2 Ph.D. Students in Cancer Research

to be initially employed for a limited 1.5 year-contract whereby this contract can be renewed.

Our group focuses on the **pathogenesis of chronic lymphocytic leukemia (CLL)** and we make use of genetically engineered mice to dissect the function of genes in the pathogenesis of this malignant disease. In a mouse model of CLL you will employ CD74 or CD44 knockout mice to answer the following questions:

- What is the contribution of CD74 or CD44 to CLL pathogenesis?
- What are the mechanisms by which CD74 or CD44 impact on CLL development?

We are a core member of the Center for Integrative Oncology (CIO) Cologne-Bonn and home to the SFB 832 (DFG-funded special research area: Molecular basis and modulation of cellular interactions in the tumor microenvironment). Your acceptance to this project will also be dependent upon your successful application to the Graduate School of Biological Sciences at Cologne University (more info at http://www.gs-biosciences.uni-koeln.de/gsfbs_start.html). You will be working on this research project together with a PostDoc. Data presentations will be given on a regular basis. We are looking for enthusiastic individuals who are able to work independently and will scientifically contribute to the project.

Minimum qualifications:

- Completed diploma or master of science
- English and German language proficiency (spoken/written)
- Knowledge and practical skills in protein chemistry and molecular biology
- Knowledge in animal handling and care taking is helpful

Your salary will be based on TV-L E13/50%. The position is open and review of applications will continue until position is filled.

The Board of Directors of the University Hospital of Cologne places strong emphasis on gender equality and seeks to increase the proportional representation of women in this field. Thus applications of female scientists will be welcomed.

Suitably qualified women will be given preferential consideration unless other candidates clearly demonstrate superior qualifications.

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

Further information is available under:

<http://www.uk-koeln.de/kliniken/innere1/person/fingerle-rowson.php>.

If we have raised your interest then please forward your complete application including CV, photograph, diploma and potential referees by e-mail (in a single pdf document) or by regular mail to: g.fingerle-rowson@gmx.de.