



In order to strengthen and expand our fundamental and applied research in the area of “Experimental Imaging and Image-guided Therapy” at the University Hospital of Cologne & University of Cologne is recruiting a

Postdoc for Molecular Imaging & Radiochemistry

You will be participating in a large-scale European Project related to Interventional Oncology and an SFB on lung cancer performing preclinical research on new cancer therapies in a preclinical setting. Central topics are multimodal preclinical imaging with MRI, PET, SPECT, CT, US, contrast agent and tracer design, synthesis of drug delivery system and their preclinical evaluation.

We are looking for:

- A scientist with a PhD in chemistry or in depth background in chemistry to intensify our current activities in multimodal preclinical imaging and radiolabeling
- Tasks include:
 - Active support of and participation in public funded ongoing research projects
 - Multimodal preclinical Imaging MRI, SPECT, PET/CT, US (FELASA certificates required or willingness to be obtained!)
 - Synthesis and radiolabeling of new tracers and drug delivery systems
 - Supervision of Master and PhD students
 - Lab management including radiosafety and biosafety (shared responsibility)

We offer:

- An attractive clinical and scientific environment, with full access to a comprehensive spectrum of state-of-the-art preclinical imaging systems and laboratories
- Extensive opportunities for academic career development
- Possibility to set up your own research group
- A good working atmosphere in a dynamic and ambitious department
- Interdisciplinary collaboration with other departments and partners (science and industry)
- In-house childcare facility
- a fixed-term 3 year contract regulated by the German law (the so-called WissZeitVG) with option for extension
- Options for deferred compensation and pension scheme

To be successful in this role you will need to have:

- PhD in chemistry, biology, biomedical engineering, physics or equivalent qualification with proven track record in the field of radiochemistry, experimental (molecular) imaging
- Fluency in English and in German
- Quick comprehension, coordination and organisational skills, ability to work in a team; multicultural social skills

For further details, please contact Prof. Holger Grüll per email: holger.gruell@uk-koeln.de (with cc to Christian.krauss@uk-koeln.de)

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