We are looking to support our rapidly growing team as soon as possible:

-Post-doctoral researcher / Medical Informatician (f/m/x)

Biomedical Informatics

TV-L: 38,5 h/week (100%)

limited for 2 years according to WissZeitVG

Your salary will be based on TV-L

Your tasks

- Leverage real-world health data by pursuing research within our Medical Data Integration Center to enhance methods for collecting high-quality, relevant data and ensuring it is delivered at the right time, to the right person, via the right interfaces
- Set a living lab concept to stimulate user-driven innovation to develop, demonstrate, test and validate innovative methods, tools and technologies in a real health care setting
- Contribute to the standardisation activities, and be responsible for the implementation of them in our data centers and data science practices
- Bridge the gap between informatics and clinics by closely collaborating with clinics and translational research centres to understand their needs and identify opportunities for data-driven medicine
- Fostering innovative ideas and their implementations in our interdisciplinary, multi-stakeholder research activities
- Engage with key stakeholders within hospital, national, and international networks to strengthen medical informatics and lead interoperability for reusable health data
- Mentor medical students and informatics thesis in their doctoral degrees, and contribute to teaching activities
- Support research fund acquisition by bringing your

Your future with us

We are one of the leading university hospitals in Germany and network research, teaching and health care at the highest level. That's why many things are a lot bigger for us: the spectrum of exciting development opportunities. The limitless openness with which specialists from all over the world work together here. Or our commitment as an employer to support all employees as best we can in reconciling their job with their goals and life situations.

This is the University Hospital of Cologne: Everything but ordinary.

Your future in detail

The Institute for Biomedical Informatics (BI-K), in collaboration with the Medical Data Integration Center (MeDIC), provides an excellent setting to develop and apply a data-driven medicine agenda. In this position, you will gain experience as part of a medical care setting and apply novel ideas in an agile and innovative environment.

You will:

- be involved in innovative, interdisciplinary research projects addressing key challenges in the biomedical field.
- have the opportunity to work closely with

own ideas and by communicating in national and international networks

Your profile

- PhD degree (or equivalent) in Biomedical Informatics, Computer Science, Data Science or in a related field
- Self-motivated, outcome-oriented, committed personality
- Outstanding research skills, project management skills, and resource planning skills to execute all project stages from conceptualisation of new ideas to putting them into practice
- Solid background in medical informatics, including interoperability, data processing and AI
- Good understanding of novel data-driven technologies
- Prior experience in biomedical data or medical information fields
- Strong analytical abilities and experience in interdisciplinary research
- Having a positive mindset for collaborations and a motivation for continuous self-improvement and learning
- Excellent written and verbal communication skills, with the ability to present at conferences and collaborate with diverse stakeholders, and publish research outcomes
- Fluent in German and English

Our offer

- We offer an excellent technical infrastructure and clinical
  collaborations to work with real-world healthcare data
- We promote your professional career development by offering opportunities to participate in projects within national and international research consortia that involve academia and industry
- We can support you in progressing your academic career or in innovation activities, such as start-ups
- Our institute promotes diversity and offers a family friendly and modern working environment
- Flexible working hours and the option to work from home are available

outstanding experts in medicine and computer science, utilising medical data in a realworld health setting
- work together with clinics to develop and implement strategies to improve data-driven decision- making in their daily practice and research

We support further career development and provide personalised mentoring.

Applications from female candidates are expressly welcome and will be given priority in the event of equal suitability, competence and professional performance. People with disabilities are welcome to apply and will be treated preferentially in the event of equal suitability and qualification. The position is suitable for staffing with part-time employees.

Contact

Prof. Oya Beyan

Universitätsklinikum Köln AöR

Geschäftsbereich Personal
Kerpener Str. 62
50937 Köln

Application deadline: 08.02.2026

Job-ID: 9t2my8ei

apply now

We look forward to receiving your application and getting to know you!