

### **Epidemiologist – PRIMA study.**

The German Cancer Research Center (DKFZ) is a member of the Helmholtz Association of German Research Centers and with its approximately 3,000 employees the largest biomedical research institution in Germany. At the DKFZ, the departments of Personalized Prostate Cancer Prevention and Early Detection (Prof. Peter Albers) and Cancer Epidemiology (Prof. Rudolf Kaaks) are jointly starting a large-scale multi-centric trial for the evaluation of a risk-based strategy for the evaluation of modern radiological methods for prostate cancer diagnosis (multiparametric MRI and fusion biopsies), in collaboration with 6 academic departments of urology and radiology (Aachen, Bonn, Düsseldorf, Essen, Köln, and Münster University) (overall study PI: Dr Rouvier Al-Monajjed (urology) and PD Dr Lars Schimmöller (radiology), Düsseldorf). The BMBF-sponsored trial will include a total of 1,500 study participants aged 50-75 who will be studied over a 6-years or longer observation period. The so called PRIMA trial forms a complement to the parallel, large-scale PROBASE study – a population-based trial of 50,000 men to evaluate the efficacy of a risk stratified (PSA-based) protocol for general population screening (overall study PI Prof. Peter Albers), which is also jointly coordinated at the departments of Personalized Prostate Cancer Prevention and Early Detection and Cancer Epidemiology .

### **Tasks of the incumbent will be:**

- Assist with the planning and monitoring the collection of follow-up observations in the PRIMA trial;
- Perform statistical data analysis in PRIMA, as well as in complementary (clinical and epidemiologic) study contexts and databases, for studies on risk-stratified approaches for multimodal prostate cancer diagnosis
- Set-up and analyze projects for testing complementary biomarkers (blood, urine, genetic, radiologic) for prostate cancer detection
- Write grant applications for studies in the abovementioned area
- In collaboration with PRIMA and other study investigators, prepare scientific manuscripts for refereed journals and other academic outputs

### **Profile:**

Applicants must have a university degree in epidemiology/public health and/or biostatistics, preferably with an additional background in medicine or clinical life sciences. In-depth knowledge of epidemiological study methods, experience with use of statistical software (e.g. SAS, SPSS) and English fluency in word and writing are requirements. Further assets will be experience in conducting epidemiological studies, and good skills in organization, cooperation and communication.

Bewerbungen an: Univ.-Prof. Dr. Peter Albers  
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