The Division of **Cancer Epidemiology** is seeking a

**Postdoc / Epidemiologist / Statistician**

(Ref.-No. 2022-0046)

Applications are invited for an epidemiologist or biostatistician to work on a project related to early cancer detection and screening within the Division of Cancer Epidemiology at the German Cancer Research Center (DKFZ, Heidelberg), with emphasis on lung cancer.

The Division of Cancer Epidemiology conducts studies within large-scale prospective population cohorts and international cohort consortia in Germany, Europe and the USA, and is also involved in randomized trials to test approaches for lung cancer screening by low-dose computed tomography (LDCT). Main areas of research include the development of absolute risk prediction models, and studies for the identification and validation of markers for early cancer detection.

**Job description:**

The successful candidate will be responsible for own data analyses and writing of scientific publications. The main duties of the post include:

- To organize and perform studies for the evaluation of candidate biomarkers of cancer risk and early detection
- To develop and evaluate models of cancer risk prediction
- To develop and cross-validate diagnostic algorithms for early cancer detection, combining data on individual cancer risk factors, imaging data and biological markers
- To prepare papers for refereed journals and other academic outputs

**Your profile:**

Applicants must have a PhD degree or equivalent training and experience in epidemiology or biostatistics, and experience in the design and analyses of large-scale epidemiological and/or clinical studies. The candidates will need to have enthusiasm for disease related research, and excellent working knowledge of statistical, mathematical and database packages – in particular SAS and R.

**Contract period:**

The position is initially limited to 2 years.

The position can in principle be part-time.
The DKFZ is committed to increase the proportion of women in all areas and positions in which women are underrepresented. Qualified female applicants are therefore particularly encouraged to apply.

Among candidates of equal aptitude and qualifications, a person with disabilities will be given preference.

To apply for a position please use our online application portal (https://www.dkfz.de/en/stellenangebote/index.php).

We ask for your understanding that we cannot return application documents that are sent to us by post (Deutsches Krebsforschungszentrum, Personalabteilung, Im Neuenheimer Feld 280, 69120 Heidelberg) and that we do not accept applications submitted via email. We apologize for any inconvenience this may cause.

**Important notice:**

The DKFZ is subject to the regulations of the Infection Protection Act (IfSG). As a consequence, only persons who present proof of immunity against measles as well as against COVID-19 may work at the DKFZ.

**Contact:**

Prof. Dr. Rudolf Kaaks, phone +49 (0)6221/42-2219

Please note that we do not accept applications submitted via email.

**Application deadline:**

01.03.2022