



## Postdoctoral Opportunities – Cancer Epidemiology and Biostatistics NUTRITION AND METABOLISM BRANCH

The overall focus of the Nutrition and Metabolism Branch is to conduct epidemiologic studies on the role of obesity, metabolic dysfunction, and nutritional factors in cancer development and specifically to understand the biological mechanisms that underlie these processes. The ultimate goal of this research is to provide robust scientific evidence that can inform public health strategies and clinical interventions. The NME Branch pursues a multi-disciplinary program of research with increasing emphasis on molecular epidemiology and application of 'omics' tools within world-leading epidemiological resources such as the European Prospective Investigation into Cancer and Nutrition (EPIC) and the UK Biobank, as well as collaborations with international epidemiological and genetics consortia.

Multiple postdoctoral opportunities are currently available within the Branch to contribute to cancer and molecular epidemiology studies with a special focus on (1) examining risk factors for early-onset colorectal cancer, (2) investigating the link between diabetes and related metabolic factors with cancer, and (3) leveraging metabolomic data to investigate the link between diet and cancer risk. Successful candidates should have a strong background in cancer epidemiology, biostatistics and associated statistical software (e.g., R, Stata), as well as an excellent command of English.

The postdoctoral scientists will be in an innovative and scientifically stimulating environment and will have opportunities to interact and collaborate with colleagues from IARC and its worldwide networks. These postdoctoral opportunities are initially funded for one year with possibility of renewal for additional years subject to funding availability and performance and are suitable for candidates who have completed a PhD with appropriate training in statistics and epidemiology. The IARC postdoctoral stipend is currently €2950 per month (net). The cost of travel for the postdoctoral scientist, and in certain circumstances for dependents, will be met. Dependence and health insurance allowances will be paid, if applicable. Applications from nationals from low- and middle-income countries are particularly encouraged. Postdoctoral scientists at IARC have access to a wide spectrum of scientific disciplines and to a unique network of collaborators across the world. IARC welcomes approximately 60 postdoctoral scientists, at any one time, distributed across its research branches. For more information about postdoctoral stays at IARC, please read the Postdoctoral charter [here](#). For more information about IARC, please consult IARC's Welcome Pack [here](#).

Interested candidates are invited to contact Dr Neil Murphy ([murphyn@iarc.who.int](mailto:murphyn@iarc.who.int)) and Dr Vivian Viallon ([viallonv@iarc.who.int](mailto:viallonv@iarc.who.int)) for informal enquiries. Applicants should send a CV, including list of publications, a description of previous research experience, and a letter of motivation, as well as the names and addresses of two academic referees, to Dr Neil Murphy ([murphyn@iarc.who.int](mailto:murphyn@iarc.who.int)) and Dr Vivian Viallon ([viallonv@iarc.who.int](mailto:viallonv@iarc.who.int)).

**Closing date:** 15 March 2024, but we recommend applying immediately as we expect the positions to be filled before this date.