

Postdoctoral Opportunity – molecular epidemiology

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.

A postdoctoral opportunity within the Branch is available immediately to contribute to molecular epidemiology studies, including proteomic, metabolomic, genome-wide, and Mendelian randomization analyses. Successful candidates should have a strong background in handling genetic and other high-dimensional 'omics' data, epidemiology, and biostatistics, with a willingness to learn new techniques, as well as an excellent command of English. The postdoctoral scientist 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. IARC welcomes approximately 40 postdoctoral scientists, at any one time, distributed across its research branches.

This postdoctoral opportunity is initially for two years with possibility of renewal for additional years subject to funding availability and performance, and is suitable for candidates who have completed a PhD with appropriate training in statistics and epidemiology. The IARC postdoctoral stipend is currently €2820 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. 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 Drs Neil Murphy (MurphyN@iarc.fr) and Marc Gunter (GunterM@iarc.fr) 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
Email: murphyN@iarc.fr

Dr. Marc Gunter
Email: gunterM@iarc.fr

Closing date: 11th June 2021