



Postdoctoral Opportunity

STUDYING THE CAUSES OF BREAST CANCER IN UNDERSTUDIED POPULATIONS

The Genomic Epidemiology Branch (GEM) at IARC investigates novel and emerging causes of cancer around the world, with the goal to contribute to cancer prevention. It does this by combining epidemiology and genomics techniques, along with collaborations with leading international academic, research and clinical centres around the world. The Breast cancer work developed in GEM includes topics of interest such as **(i) studying the genomic effect of obesity in breast cancer development, (ii) understanding international differences in breast cancer with a focus on Low- and Middle-Income Countries (LMICs), and (iii) investigating the genomic and epidemiology profiles of early onset breast cancer.**

A postdoctoral opportunity is immediately available within GEM to contribute to the above topics. The successful candidate(s) will be supervised by Dr Sandra Perdomo (scientist of the Genomic Epidemiology branch) and Dr Laure Dossus (scientist of the Nutrition and Metabolism branch). They will conduct integrative analyses focusing on **joint interpretation of omics data and epidemiological** information together with a multidisciplinary team of international collaborators.

Desired selection criteria include:

- A recent PhD (i.e. within the last 5 years) in relevant area such as: genomic or molecular epidemiology, bioinformatics, biostatistics or genetics.
- Strong background in the analysis of biological data, epidemiology, bioinformatics, or biostatistics.
- Prior experience manipulating multi-omics, epidemiological data using statistical methods.
- Strong background within statistical or scripting languages such as R or Python.
- Good communication skills, with the desire to work with a group of international collaborators.
- Strong English language skills, both spoken and written.
- Willingness to learn new skills and techniques.
- Desire to bring new ideas and be enthusiastic about cancer genomic and molecular epidemiology research.

This postdoctoral opportunity is initially for one year with the expectation of renewal. The IARC stipend is currently €2,950 per month. The cost of travel for the postdoctoral scientist, and in certain circumstances for dependants, will be met. Dependence and health insurance allowances will be paid, if applicable. Lyon offers an exceptional quality of life, and IARC welcomes around 60 postdoctoral scientists at any one time.

The postdoctoral scientist will have opportunities to interact and collaborate with colleagues from IARC and its worldwide networks. For more information about postdoctoral stays at IARC, please read the [IARC Postdoctoral Charter](#). For more information about IARC/Early Career and Visiting Scientists at IARC, please consult [IARC's Welcome Pack](#) and [ECVS Frequently Asked Questions](#).

IARC is committed to achieving gender parity and geographical diversity in its staff. Applications from people with disabilities, and nationals of low- and middle-income countries are particularly encouraged. IARC currently has more than 340 personnel members from almost 60 countries. Postdoctoral scientists at IARC have access to a wide spectrum of scientific disciplines and to a unique network of collaborators

across the world. Applicants should send a CV, including list of publications and a description of previous research experience, as well as a motivation letter and the names and addresses of two academic referees, by email to: alvesn@iarc.who.int (please, mention in the title of your email **“Postdoctoral opportunity - IARC”** and **“To the attention of: Dr Sandra Perdomo”**).