



Open-ended Postdoctoral Opportunity in
STUDYING THE CAUSES OF EARLY ONSET COLORECTAL IN DIVERSE
POPULATIONS

Genomic Epidemiology (GEM) Branch

Location: International Agency for Research on Cancer / World Health Organization, Lyon, France

Deadline for applications: open-ended

Start date: As soon as possible

Duration: 12 months with the expectation of renewal

Stipend: 3,162 € per month (net)

Contact and Required Documents: Applicants should send a **CV** (including list of publications and a description of previous research experience), a **motivation letter** and the names and addresses of **two academic referees**, by email, with a subject header “IARC Postdoctoral Opportunity” To brennanp@iarc.who.int and perdomos@iarc.who.int

Colorectal cancer is increasing rapidly among younger adults in many parts of the world. Scientists within the Genomic Epidemiology Branch (GEM) at IARC are investigating possible causes of these trends with the ultimate goal of contributing to cancer prevention. A major international study funded by the European Research Council (ERC) will start in early 2026, combining epidemiology, genomics and microbiome techniques, in collaboration with leading international academic, research and clinical centres around the world. The underlying hypothesis is that bacterial exposures in childhood are fundamental in driving cancer risk decades later. We are looking for individuals with experience in cancer epidemiology, and expertise in any of the following areas – field-work, descriptive epidemiology, cancer aetiology, cancer genomics, bioinformatics or microbiome research. If you are interested in being part of this team, conducting integrative analyses focusing on joint interpretation of omics data and epidemiological information in an international context, then please get in touch.

The successful candidate(s) will be supervised by Dr Sandra Perdomo (scientist of the Genomic Epidemiology branch) and Dr Paul Brennan (Head of the Genomic Epidemiology branch).

Your profile:

The successful candidate would ideally have:

- A recent PhD (i.e. within the last 5 years) in relevant area such as: cancer epidemiology, genomic or molecular epidemiology, bioinformatics, biostatistics or genetics.
- Strong background in the analysis of biological data, epidemiology, bioinformatics, or biostatistics.
- Prior experience manipulating epidemiological data, possibly including omics data
- Strong background within statistical or scripting languages such as R or Python.

- Good communication skills, with the desire to interact 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.

We offer:

The postdoctoral scientist will evolve in an innovative and scientifically stimulating environment and will have opportunities to interact and collaborate with colleagues from IARC and its worldwide networks. The postdoctoral scientist will conduct research activities in a modern and scientifically invigorating environment. The cost of return travel for the successful candidate, and in certain circumstances for dependents, will be covered. If applicable, IARC will pay dependence and health insurance allowances.

IARC postdoctoral scientists are based full-time in Lyon and are expected to be in-person at the office the majority of time, whilst allowing for attractive flexible work arrangements to help promote a healthy work-life balance.

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](#).

We value diversity:

IARC is committed to achieving [gender parity and geographical diversity in its personnel members](#). 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 (around 70 at any point in time) have access to a wide spectrum of scientific disciplines and to a unique network of collaborators across the world.