



## Postdoctoral Opportunity in Paediatric cancers epigenomics Environment and lifestyle epidemiology Branch (ENV)

**Location:** International Agency for Research on Cancer, Lyon, France

**Deadline for applications:** 31 March 2026

**Start date:** As soon as possible

**Duration:** This opportunity is offered for an initial period of two years, with the possibility of extension subject to satisfactory performance and funding availability.

**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 Postdoc Paediatric Cancer Epigenomics 2026”, to: Dr Rita KHOUEIRY ([khoueiry@iarc.who.int](mailto:khoueiry@iarc.who.int))

The International Agency for Research on Cancer (IARC) is a multi-disciplinary research institute based in Lyon, France. It is an independently funded institution, and a specialized cancer agency of the World Health Organization. The particular focus of IARC is international collaborative research projects spanning a wide range of disciplines including cancer epidemiology, etiology, genomics, epigenomics, virology, carcinogenesis, early detection, prevention and implementation science.

Within ENV, our team conducts both hypothesis-driven and data-driven research with a strong focus on advancing the understanding of cancer causation and biological mechanisms, identifying biomarkers of cancer risk and exposure, and fostering international collaboration—core activities of the International Agency for Research on Cancer (IARC). Our work is highly interdisciplinary and carried out in close collaboration with laboratory scientists, data scientists, epidemiologists, and evidence-synthesis experts at IARC, as well as with multiple international research consortia.

### Project background:

A major focus of our branch is the investigation of childhood cancer aetiology. In this line of research, we are using state-of-the-art omics technologies applied across in vitro/in vivo models, and population-based epidemiological cohorts.

### Activities

We are actively seeking a postdoctoral scientist to join our team. The successful candidate will contribute to the integration and analysis of generated multi-omics datasets from those models and cohorts using innovative statistical and computational approaches to elucidate molecular mechanisms underlying several paediatric cancer development and identifying biomarkers of environmental exposures and risks. The selected postdoctoral researcher will work under the supervision of Dr. Rita Khoueiry, in collaboration with scientists, laboratory technicians, and bioinformaticians within the ENV branch and across IARC, as well as with international research partners. The activities will involve bioinformatics and statistical analyses, as well as the preparation of scientific manuscripts and reports based on data generated from these collaborative resources.

### Your profile:

The successful candidate would ideally have:

- A recently obtained (less than 5 years) PhD in bioinformatics, biostatistics, or related fields.
- Prior experience manipulating epigenomics, transcriptomics, multi-omics or related fields using bioinformatics.
- Strong background in bioinformatics or biostatistics and scripting languages such as R or Python; a background and knowledge in molecular epidemiology would be a plus.
- Good communication skills and teamwork spirit.
- Strong English language skills, both spoken and written.
- Willingness to learn new skills and techniques.

**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 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 (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.