



**Postdoctoral Opportunity within the Cancer RADAR initiative with a focus on cancer inequalities.
At the Early Detection, Prevention and Infections (EPR) Branch
Public Health Decision Science Team**

Location: International Agency for Research on Cancer / World Health Organization, Lyon, France
Stipend: 2,950€ per month (net)

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 Organisation. The particular focus of IARC is international collaborative research projects spanning a wide range of disciplines including cancer epidemiology, aetiology, genomics, carcinogenesis, early detection, prevention and implementation science.

Early Detection, Prevention and Infections (EPR) Branch Public Health Decision Science Team:

A postdoctoral opportunity is available in the Public Health Decision Science Team (<https://www.iarc.who.int/teams-phds>) of the Early Detection, Prevention and Infections Branch at the International Agency for Research on Cancer. The main project of focus, among others, is Cancer RADAR; a large collaborative initiative that aims to assess the feasibility and methodology, and to quantify the risk of infection-related and screening-detectable cancers among individuals with a migration background across Europe.

Activities:

The selected candidate will be under the supervision of Dr. Iacopo Baussano (baussanoi@iarc.who.int) and will closely collaborate with Dr. Catharina Alberts (albertsc@iarc.who.int) and other members of the team to enhance their competencies in the following activities:

- Contributing to handling large datasets with high attention to detail to perform comprehensive data cleaning and analyses, and presenting results in a logical and systematic manner.
- Contributing to the construction of large datasets, including cancer registry data and population-level characteristics, involving data communication with registries, systematic cleaning, and organisation.
- Contributing to statistical analyses, including cluster analyses and multiple imputation, to address missing data and identify population-level characteristics that explain disparities in cancer incidence.
- Contributing to statistical modelling of IARC-collected epidemiological data to project and/or evaluate the impact of targeted and tailored prevention strategies among migrant populations in Europe.
- Contributing to the development of public health decision tools to support health economic assessments of cancer prevention among migrant populations.
- Preparing scientific manuscripts and dissemination material to communicate study results.

Your profile:

PhD degree in Epidemiology, statistical modelling, biomedical sciences or any other closely related discipline. Experience with cancer data, large datasets, and statistical modelling is desirable.

The successful candidate would ideally have:

- Strong strategic, critical, and analytical thinking abilities.
- Proven experience in handling, cleaning, and analysing cancer registry databases or other large, complex data sources.
- Ability to manage and harmonise international, multi-source datasets.
- Understanding of data protection, ethics, and GDPR compliance in health research.
- Strong programming skills in R.
- Advanced statistical and mathematical expertise, including multiple imputation, cluster analyses, and predictive modelling.
- Hands-on experience in designing and executing epidemiological data analyses, with proven experience of publishing results in peer-reviewed journals.
- Capacity to develop innovative approaches and solutions to address complex research questions.
- Research background in cancer prevention and/or migrant health.
- Excellent scientific writing, drafting, and communication skills.

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. 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.