

Postdoctoral Fellowship in Epidemiology / Biostatistics

Job Profile

CSS

6 – Public Health

Offer description

Centre for research in epidemiology and population health (CESP)

Director Bruno Falissard

The Centre for Research in Epidemiology and Population Health is one research unit of the French National Institute for Medical Research (Inserm 1018). The center brings together more than 600 researchers, engineers, technicians, doctoral students and trainees working in most areas of health, such as chronic diseases, cancer and mental health, and is divided into 11 research teams.

One of those is the Laboratory of Radiation Epidemiology (<https://cesp.inserm.fr/en/equipe/epidemiology-radiations>).

It is located at the Gustave Roussy cancer campus (Villejuif, France), which is leading Cancer Centre in Europe, and has been ranked #3 world's best oncology hospital according to Newsweek magazine and the first one outside the United States. The team is composed of about twenty people. Our main research areas are childhood cancer survivorship and the investigation of late iatrogenic effects of radiotherapy and other cancer treatments, including second primary cancers. We devote an important part of our research activity to risk modelling in relation to the dose distribution from radiation treatments, risk prediction and genetic analyses.

Research focus

The focus of this postdoctoral research associate position will be on modelling risks of second primary cancers after radiotherapy, mainly among pediatric cancer survivors. The hired postdoctoral fellow will undertake activities on risk modelling and projection from international epidemiological studies (original research) and published literature (meta-analysis). The undertaken activities will involve study conception, data management, statistical analyses and drafting of reports and manuscripts.

Researcher profiles

- PhD in epidemiology or biostatistics
- Significant research experience in research in epidemiology (experience in radiation epidemiology will be an asset)
- Knowledge of the statistical methods and models used in radiation epidemiology and risk projection / quantitative risk assessment will be an asset
- Programming in SAS and/or R or high proficiency in another statistical software
- English language communication skills
- - Excellent writing skills

Research Fields (2 max.)	<input type="checkbox"/> Biological Sciences <input type="checkbox"/> Chemistry <input type="checkbox"/> Computer Science <input type="checkbox"/> Engineering <input type="checkbox"/> Environmental Science <input type="checkbox"/> Ethics in Health Sciences	<input checked="" type="checkbox"/> Medical Sciences <input type="checkbox"/> Neurosciences <input type="checkbox"/> Pharmacological Sciences <input type="checkbox"/> Physics <input type="checkbox"/> Technology <input checked="" type="checkbox"/> Other (specify): Biostatistics
Main Activities	<ul style="list-style-type: none"> • Study design/analysis plan (based on existing data) • Statistical analysis • Project management in collaboration with the team • Drafting of scientific reports and articles • Scientific communication at seminars and conferences • Preparation of funding applications in collaboration with the team 	
Associated Activities	None	
Knowledge	<ul style="list-style-type: none"> • Methods in epidemiology (essential) • -Biostatistics (essential) • Radiation epidemiology and/or childhood cancer epidemiology (desirable) • Methods in risk projection/extrapolation or EQRS - quantitative health risk assessment (desirable) • Project management 	
Skills/Qualifications	<ul style="list-style-type: none"> • Mastery of SAS and/or R software (essential) • Scientific writing (essential) • English: B2 level and above (essential) • Use of SNDS data (desirable) 	
Required Experience	Fields: Epidemiology, Pharmacoepidemiology, Biostatistics	
Required Education Level or Diploma	<ul style="list-style-type: none"> • PhD in Epidemiology, Biostatistics or Health Data Science • Master - if significant experience directly related to the research topic 	
Required Languages	<ul style="list-style-type: none"> • French or English 	
Hosting Unit		
Code	1018	
Name	Centre for research in epidemiology and population health (CESP)	
Director	Bruno Falissard	
Composition	The Centre for Research in Epidemiology and Population Health (CESP) brings together 600 researchers, engineers, postdoctoral and doctoral students	
Address	Hôpital Paul-Brousse AP-HP 16 avenue Paul Vaillant-Couturier, 94800 Villejuif, France	
Website	http://cesp.inserm.fr	

Contract

Type	CDD
Duration	12 months renewable
Salary	Based on qualifications and experience according to Inserm standards
Envisaged Start Date	October or November

Application

Applicants must send a CV and a cover letter to: Neige Journy, neige.journy@gustaveroussy.fr

The application should include a list of publications and a description of previous research experience, as well as the names and addresses of two academic referees.

Deadline for application: July 22, 2023