POST DOCTORAL RESEARCHER

Department of Primary Medicine – Department of Primary Care Medicine- Population Epidemiology Unit
Activity rate 80-100%'
Class 14/0 (81'347 Sfr), or depending on qualifications
Job type 2-year contract
Entry into office to be agreed
Request for information Dr. S. Stringhini silvia.stringhini@hcuge.ch

The Population Epidemiology Unit of the Geneva University Hospitals, Geneva, Switzerland is looking for a postdoctoral fellow who will join a consortium of HUGs, the Gerontology Center of the University of Geneva and the Department of Clinical Neuroscience. LREN, Lausanne University Hospital in Lausanne, Switzerland, thanks to a generous grant from the Leenaards Foundation. The position will be suitable for an extremely talented and motivated candidate who is interested in interdisciplinary research on the impact of social adversity on brain aging. The goal of our project is to understand the impact of lifelong social disadvantage on brain health. For this, we collected data from approximately 1,500 healthy participants aged 40 to 90, including socio-economic data, neuropsychological examinations, brain imaging and various other variables of hypothesized importance for brain health, such as cardiovascular risk factors, inflammatory biomarkers, etc. Approximately 200 participants will also be contacted to undergo a new MRI assessment, a full battery of cognitive assessments, and detailed indicators of exposure to socio-economic disadvantage throughout life.

The candidate will participate in data processing, statistical analysis and publish results based on this cohort. This is a unique opportunity to produce high-impact research for a qualified researcher early in her/his career. The candidate will work closely with other senior and junior researchers working on the same cohort to identify and test specific hypotheses. The candidate will be based at the Population Epidemiology Unit of the Geneva University Hospitals, under the supervision of Dr. Silvia Stringhini, but will work closely with experienced and junior researchers in the field of cognitive and medical neuroimaging (Prof. Matthias Kliegel and Professor Bogdan Draganski's labs).

The candidate must hold a PhD in the fields of epidemiology, statistics, biostatistics, public health or similar. Experience working with longitudinal data sets and big data and / or population neuroimaging data is an important asset.

Contact information: Dr. Silvia Stringhini (silvia.stringhini@hcuge.ch)

To apply send detailled CV and a motivation letter to Mme Caroline Pugin (caroline.pugin@hcuge.ch)