

Postdoctoral Fellowship in Neuroepidemiology of Headache

Funding: Fundação de Amparo à Pesquisa do Estado de São Paulo – FAPESP, Brazil.

Area of knowledge: Neurology

FAPESP process number: 2020/09468-9

Project title: Determinants of healthy brain aging in the Longitudinal Study of Adult Health (ELSA-Brasil).

Area of expertise: Neuroepidemiology

Number of vacancies: 1

Principal Investigator: Prof. Dr. Alessandra de Carvalho Goulart

Institution: Center for Clinical and Epidemiological Research, Hospital Universitário, University of Sao Paulo - HUUSP.

Deadline for registration: **February 16th 2023**

Starting date: **March 10th 2023**

Location: Av. Prof. Lineu Prestes, 2565. Cidade Universitária – Butantã. CEP 05508-000 - São Paulo – SP, Brazil

E-mail for application: agoulart@hu.usp.br (Prof. Dr. Alessandra de Carvalho Goulart)

Summary

The Center for Clinical and Epidemiological Research at HUUSP offers a postdoctoral position with a FAPESP grant linked to a Thematic Project that seeks to understand the association of migraine with cerebrovascular outcomes and as a predictor of morphofunctional markers of brain health and subclinical stroke and the influence of lifestyle factors on these associations.

More specifically, the candidate will study the effect of migraine and its characteristics (subtypes and frequency of attacks) on the occurrence of various alterations that can be visualized by 3-tesla magnetic resonance imaging (3T MRI) such as white matter hyperintensities (WMH), lacunae, microinfarcts, and gray matter volume changes in key regions linked to the processing of pain perception. Headache information is available at study baseline (wave 1: 2008-2010), in 2013-14 (wave 2: collection of migraine-specific information) and it will be available in 2021-23 (wave 3: collection of migraine-specific information and other more frequent types such as tension and post-covid). The 3T MRI will be performed during the first two years of this FAPESP thematic project (2023-2024) in a subsample of the ELSA-Brasil cohort from downtown São Paulo.

The candidate is expected to be a leader in this line of research for our group. For this, he/she must meet the following requirements: (i) a doctoral degree (no more than 7 years from this Postdoctoral Fellowship onset) in the health area; (ii) clinical and research experience in neurology (preferably in headache disorders); (iii) proven experience with database analysis; and (iv) advanced knowledge of biostatistics.

Interested parties should send an e-mail to: agoulart@hu.usp.br (a) CV; (b) letter of motivation justifying interest and qualifications for the vacancy (one page); and (c) letter of recommendation. All documents must be in PDF format. Use the title "Bolsa PD FAPESP" in the message.

The vacancy is open to Brazilians and foreigners. The selected candidate will receive a FAPESP Postdoctoral Scholarship in the amount of BRL 8,479.20 per month.