

SELECTION PROCESS FOR POSTDOCTORAL POSITION

We are make public, to all interested parties, the opening of registration for the selection of candidates for 1 postdoctoral position (CNPq), with monthly amount of R \$ 4,100.00 (four thousand and one hundred reais) and lasting up to 36 months integrated to Science Without Borders Program.

The primary focus of the postdoc's project will be on parameters relating to circadian rhythms and sleep. The individual will be responsible for completing the data collection and entry, and subsequent analysis of questionnaire-based and actimetry-based data. Analysis will include cross-correlation between neurobehavioural data sets (including chronotype, depression/anxiety symptoms, cognitive performance, and tobacco and alcohol use) as well as between neurobehavioural and physiological data (including chronotype *versus* 24-hour blood pressure and heart rate profiles). In addition, in collaboration with the bioinformatics team of InCor, heritability analysis and genomic association studies will be performed.

The postdoctoral fellow will spend most of the time in the Laboratory of Genetics and Molecular Cardiology at InCor and will visit the data collection center (Baependi).

The study will be supervised by Prof. Dr. Homero Vallada at the Institute of Psychiatry and co-supervised by Prof. Dr. Malcolm von Schantz, University of Surrey, UK. On a day-to-day basis, the postdoctoral fellow will be working with members of Dr Alexandre Pereira's research team at InCor, the sleep research group led by Geraldo Lorenzi Filho, and collaborate with Mario Pedrazzoli's group at USP Leste.

Qualifications for the postdoctoral position:

- a) Not a recipient of another financial support of any kind
- b) Not having employment
- c) Not retired
- d) Have obtained a PhD in a suitable subject area, such as a Biological Science, Statistics, or Psychology (important)
- e) Data analysis skills (essential)
- f) Good communication and writing skills (essential)
- g) A good working knowledge of English (essential)
- h) Initiative and self-reliance, and ability to integrate in an interdisciplinary research environment (essential)
- i) Background knowledge in one or more of the following areas: sleep, circadian rhythms, other behavioural sciences, epidemiology, and genetics (desirable)

Please address informal queries and/or a formal application, consisting of a cover letter and a curriculum vitae, to homero.vallada@gmail.com and m.von.schantz@surrey.ac.uk no later than 15 December 2014.