



POS-DOC FELLOWSHIP

Institution: School of Pharmaceutical Science- University of São Paulo, Brazil

City/state: São Paulo/São Paulo, Brazil

Project: Brazilian biodiversity, bioactive compounds and health

The Food Research Center (FoRC) has opened a selection for a post-doctoral scholarship linked to a study aiming to evaluate the effects of fruits polyphenols intake on metabolism. The study will be developed at the Food Research Center, located at the School of Pharmaceutical Sciences, University of São Paulo in São Paulo, Brazil with the support of São Paulo Research Foundation – FAPESP.

Bioactive compounds such as flavanones, mainly narirutin and hesperidin can contribute to a positive effect on health. The aim of the study is to evaluate mechanisms of action not yet explored and to understand how these compounds can modulate metabolism and identify groups responsive to the intervention. For this purpose, a clinical study will be carried out and different metabolomics and proteomic platforms will be employed.

The candidate must have:

- Obtained the PhD degree in the last 7 years;
- Demonstrated experience in metabolomics, proteomics and bioinformatics. This includes the operation of qToF and triple quadrupole mass spectrometers coupled to liquid chromatography and familiarity with data analysis softwares and mass spectrometry databases. The experience would be attested by dissertation, thesis or at least two publications in indexed journals;
- Experience with metabolomics analysis applied to nutrition/ metabolism of phytochemicals;

Applicants must send a CV, motivation letter and two recommendation letters to forc@usp.br until 15/02/2020. The estimated date to start in the new position is 01/05/2020.

FAPESP post-doctoral fellowships consist of monthly allowances of R\$7,373.10 and additional grant equivalent to 15% of the monthly allowances to cover costs related to the research project. The fellowship is granted for 2 years, with the possibility of extension for 2 extra years. More information about FAPESP post-doctoral fellowships can be found at www.fapesp.br/bolsas/pd.