



## POS-DOC FELLOWSHIP

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

**City/state: São Paulo/São Paulo, Brazil**

**Project:** *Passiflora fruit*: Interindividual variables on bioavailability of phenolic compounds and effects on metabolic response

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.

The insertion of native species of fruits into the market may enhance the socioeconomic development of the region, besides the valorization of the Brazilian biodiversity. The native passion fruit is rich in bioactive compounds, mainly phenolics, that have been associated with a reduced incidence of the obesity-associated comorbidities. Considering that the biological activity attributed to phenolics depends on their absorption and metabolism, we propose to evaluate the factors underlying the bioavailability of the phenolics of passiflora fruit and mechanisms of action not yet explored to understand how these compounds can modulate metabolism. For this purpose, a clinical study will be carried out and different ‘omics’ platforms will be employed.

The candidate must have:

- Obtained the PhD degree in the last 7 years;
- Having experience in analytical chemistry (bachelor degree in chemistry, biochemistry, pharmacy, nutrition or related areas);

- Having experience in metabolomics and transcriptomic analysis applied to nutrition/ metabolism of phytochemicals. The experience would be attested by publications in indexed journals;
- Desirable experience in conducting clinical study.
- Be the first author in at least one scientific publication in an indexed journal.

Applicants must send a CV, motivation letter and two recommendation letters to [forc@usp.br](mailto:forc@usp.br) until **30/01/2022**. The result of the selection will be announced until 28/02/2022. The estimated date to start in the new position is **01/04/2022**.

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 will be for 1 year and can be renewed for up to 1 more year. More information about FAPESP post-doctoral fellowships can be found at [www.fapesp.br/bolsas/pd](http://www.fapesp.br/bolsas/pd).