

FUNDEPAG SELECTION PROCESS No. 02/2021

NOTICE OF SELECTION PROCESS FOR POST-DOCTORAL FELLOWSHIP FOR BIOTECHNOLOGICAL PLATFORM OF HEALTHY INGREDIENTS (PBIS)

PD Fellowship “Phenolics Platform”

Duration 24 months

Area of knowledge: Food sciences

FAPESP process number: 2020/07015-7

Project title: Development and implementation of in vitro models to assess the bioactive potential of phenolic extracts from bioprocessed agricultural waste

Number of vacancies: 1

Main researcher: Prof. Dra. Juliana Alves Macedo

Unit/Institution: Faculty of Food Engineering - UNICAMP

Deadline for registration: November 30

Posted in: October 27

Location: FEA/UNICAMP - Cidade Universitária Zeferino Vaz - Barão Geraldo, Campinas - SP, 13083-970, Brazil

Registration email: pbis.fa@ital.sp.gov.br, cc. jumacedo@unicamp.br

• **Summary**

The Agriculture Research & Development Foundation (FUNDEPAG) makes public the opening of applications for a post-doctoral fellowship associated to the Center for Research Targeted to Problems in State of São Paulo (NPOP), Biotechnological Platform for Healthy Ingredients (PBIS) – supported by FAPESP in partnership with a consortium of industries and coordinated by the Institute of Food Technology (ITAL/SAA, Campinas-SP), with the objective of implementing and developing new models for evaluating compounds phenolics, obtained by bioprocessing of agricultural residues, through in vitro methods, especially with animal cell culture.

The 24-month project will be developed under the NPOP-BIS, supported by FAPESP, at the Faculty of Food Engineering, UNICAMP.

Summary of the program and projects can be found on

https://ital.agricultura.sp.gov.br/emkt/download/NPOP_PBIS.pdf.

1. Summary of position and experience required

The candidate must have a Ph.D. in Food Science, Pharmacy, Biology, Biotechnology or related fields, preferably with experience in cellular and molecular biology. The candidate must develop a project related to the proposed theme, assist in the guidance and co-orientation of students, collaborate with other researchers at the institute in the

development of other projects, assist in the writing and review of scientific works of the research group and work on actions aimed at transfer of technology and knowledge.

2. Requirements and skills required for the candidate:

- Have completed a doctorate, and obtained the title of doctor in the last 7 years;
- Hold a degree in Pharmacy, Nutrition, Biology, Biotechnology, Food Engineering or related fields;
- Ability to work independently and in collaboration with a multidisciplinary research group;
- Knowledge of the English language for reading, scientific writing and conversation;
- Scientific production in indexed journals (be the first author in at least three scientific publications in indexed journals);
- Preferably with experience abroad

Experience in:

- Culture of animal cells; enzyme immunoassays; qPCR; Western Blotting; HPLC; in vitro digestion assays.

3. Documents, deadlines and form of submission:

The documents listed below must be sent electronically (**in a single PDF**) to the evaluation committee, to emails pbis.fa@ital.sp.gov.br, in copy to jumacedo@unicamp.br, with the title "**Post Doctorate – NPOP-PBIS – Phenolics Platform**":

- a) Curriculum summary in the FAPESP model (maximum of 4 pages), according to the recommendations available at <http://www.fapesp.br/5266>.
- b) Motivation letter showing your adherence to the prerequisites and skills required in item 2 (maximum of 500 words).
- c) Doctoral degree.

The vacancy is open to Brazilians and foreigners candidates. The assessment will be based on the curriculum and proof of the required experiences.

Any questions or clarifications about the notice, get in touch through the aforementioned emails.

The deadline for applications is **November 30, 2021**. The final result of the selection process will be communicated to candidates by email.

FUNDEPAG Scholarship in the amount of **R\$ 7,373.10/month**.

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