

POSTDOCTORAL OPPORTUNITY

ABSTRACT

One Postdoctoral researcher opportunities with a FAPESP (São Paulo Research Foundation) scholarship, linked to the Thematic Project “The Biorational Control of Pest-Insect and Phytopathogens, with emphasis in Chemical Ecology” (Grant number 2014/50918-7), coordinated by Professor Maria Fátima das Graças Fernandes da Silva and funded by the Sao Paulo Research Foundation. Deadline for application is 30 January, 2020.

The Postdoctoral researcher will carry out activities with the Natural Products (NP) and Chemical Ecology group from the Chemistry Department at the Federal University of São Carlos, São Carlos, São Paulo state, under the supervision of Prof. Dr. M Fátima GF Silva. The scholarship will last 24 months. The selected candidates will receive a FAPESP Postdoctoral Scholarship of R\$ 7,373.10 per month each. The Technical Reserve is also expected to be equivalent to 15% of the annual value of the scholarship, which is intended to cover unforeseen expenses directly related to the research activity. If the Postdoctoral scholarship holder resides at a different address and needs to move to the city where the research institution is located, he/she may be entitled to relocation assistance.

Candidates must have completed their PhD less than 7 (seven) years ago. The other requisites needed for the application required by FAPESP may be consulted at <http://www.fapesp.br/bolsas/pd>.

Candidate's obligations

- a) The candidate must devote exclusively to the research project (except by authorization of FAPESP, under the conditions set forth in the Postdoctoral Decree n° 05/2012);
- b) The candidate must not receive a scholarship from another entity, salary or remuneration derived from exercising activities of any nature (except by authorization of FAPESP, under the conditions set forth in Postdoctoral Decree n° 05/2012);
- c) The candidate must submit scientific reports and application reports of technical reserve resources within the deadlines set forth in the Agreement, accompanied by the requested documentation;

Important: Failure to comply with these regulations and other obligations described at <http://www.fapesp.br/bolsas/pd> will result in cancellation of the scholarship and repayment of payments already made by FAPESP, at restated amounts.

Specific activities for candidate:

The scholarship holder will develop essential oil nanoformulations and characterization via two-dimensional GC-MS among others. These nanoformulations will be tested against insects common in our agriculture, with emphasis in Chemical Ecology. Therefore, it is essential that candidates have the following requirements: knowledge and practical ability to obtain measurements in GC-MS, practice in developing chromatographic conditions via HPLC to optimize conditions for use in the hyphenated technique as LC-DAD and LC-UV-MS, and experiences in Chemical Ecology.

Applications

Please send files of the following documents in PDF format:

- a) Updated Curriculum Lattes for Brazilian candidates or Curriculum Vitae for foreign candidates;
- b) Letter expressing the reasons why you are interested in the scholarship;
- c) Two letters of recommendation from faculty members of the area in which you have already worked in.

Applying for the selection process will imply knowledge and acceptance of the conditions established by FAPESP, and the candidate cannot claim his/her ignorance.

Deadline for registration: 30 January, 2020.

The documentation should be sent in PDF format to: Dr. Maria Fátima das Graças Fernandes da Silva, e-mail: dmfs@ufscar.br.

Selection process

The selection process will be carried out by a board of judges consisting of 3 (three) faculty members linked to the Thematic Project. The evaluation of the candidates will include the candidate's curriculum vitae analysis and an interview that may be conducted via Skype with the board members.

Results: The results will be announced by 01 February, 2020.

Prevision to start of activities: 01 March, 2020.