

Postdoctoral position on the Botany Department at Federal University of São Carlos, SP, Brazil

The Laboratory of Phycology and the laboratory of Algal Biotechnology at Federal University of São Carlos with the support of the São Paulo Research Foundation (FAPESP) on a Thematic Project is selecting one researcher for a post-doctorate fellowship. The position is available for Brazilian and foreign qualified researchers. The selected researcher will develop the subproject "Applications of the biodiversity of native microalgae in Brazil: importance of taxonomic, systematic, and molecular phylogeny", within the thematic project "Bioprospection, characterization and optimization of Brazilian microalgae to CO<sub>2</sub> biofixation and production of biomolecules with commercial importance".

Requirements:

- The applicant must have PhD in Biological Sciences, Botany, Ecology or related areas, with verified experience (master or PhD thesis) in phycology. The degree must have been acquired within the last 7 years of the application deadline.
- The candidate researcher must have experience in taxonomy and phylogeny of green coccoid freshwater microalgae (Chlorophyta: Selenastraceae, Scenedesmaceae; Oocystaceae, Chlorellaceae e outras Trebouxiophyceae) verified by publications.
- Researcher must also have experience in obtaining (isolating) and maintaining axenic microalgal cultures. Furthermore, must have verified experience with studies on life cycles and physiology of green microalgae.
- The researcher must master techniques of molecular biology and bioinformatics for the amplification and sequences' treatment of the main genes used in phylogeny and taxonomy of green microalgae, such as ITS, SSUrDNA, tufA, and rbcL.
- It is important to have experience with optical and electron microscopy techniques and image analysis.

The postdoctoral researcher will be granted a fellowship by FAPESP (R\$ 7,373.10 per month, 24 months), and with Research Contingency Funds - an amount of 15% of the annual value of the fellowship to unforeseen expenses directly related to the research activities of the subproject. More details about the postdoctoral fellowship granted by FAPESP can be found in the FAPESP-Opportunities site: <http://www.fapesp.br/en/postdoc>.

The beginning of the activities is planned for June 1st, 2019.

The application can be submitted exclusively by email, with the required documentation attached in PDF format. The documentation must be send to the email of the Professor Ana Teresa Lombardi ([lombardi@ufscar.br](mailto:lombardi@ufscar.br)) before April, 20th 2019. The documents required are: 1) letter of interest; 2) current Curriculum Vitae (no more than 3 pages), which must include publications and manuscripts accepted for publication, confirming the required abilities/knowledge; 3) a copy of the doctor degree, and 4) a copy of the thesis summary.

Other postdoctoral positions funded by FAPESP, in various areas of knowledge can be found in the FAPESP-Opportunities site: [www.fapesp.br/oportunidades](http://www.fapesp.br/oportunidades).

From: Dr. Ana Teresa Lombardi, Botany Department, Universidade Federal de São Carlos. Via Washington Luis km 235, São Carlos, SP Brazil Code Post 13565-905