



FACULDADE DE CIÊNCIAS FARMACÊUTICAS  
DE RIBEIRÃO PRETO

Seção de Apoio Acadêmico



**Faculty position opening – Edital ATAc/FCFRP 04/2023**

**Tenure-track faculty position opening - Assistant Professor  
Department of Clinical Analyses, Toxicology and Food Science  
School of Pharmaceutical Sciences of Ribeirao Preto  
University of São Paulo  
Brazil**

**Submission deadline: March, 16<sup>th</sup>, 2023 at 5 p.m. (GMT -3)**

The **Department of Clinical Analyses, Toxicology and Food Science** (DACTB) at the School of Pharmaceutical Sciences of Ribeirao Preto, University of São Paulo (FCFRP-USP) invites applications for one full-time tenure-track Assistant Professor faculty position for the discipline of *Immunology*.

Financial support for research in the state of São Paulo comes from a variety of sources, including FAPESP (<https://fapesp.br/en>) and federal agencies. The department integrates the School of Pharmaceutical Sciences, at the campus of Ribeirão Preto, state of São Paulo. It is a city located 300 km Northwest from São Paulo, the capital. The campus is located where a coffee farm existed back in the day. It is beautiful. Ribeirão Preto is a cultural and economic hub of its macroregion, reference in the health care and scientific development. With an estimated population of 720,216, the city harbors around 30,000 graduate and undergraduate students in all its universities. It is a vibrant city to live and work in.

([https://en.wikipedia.org/wiki/Ribeir%C3%A3o\\_Preto](https://en.wikipedia.org/wiki/Ribeir%C3%A3o_Preto))

<https://www.youtube.com/watch?v=50W57ydGfE> and <https://fcrp.usp.br/en/ensino/>

Applicants must have a Ph.D. degree. The position requires commitment to teaching and ability to conduct independent research. The entry-level monthly salary is R\$ 13,357.25/month plus benefits (approximately USD 2,500/month as of September, 2022).

The selection process will be carried out in two phases, with a written test and a lecture about the topics drawn during the contest. Also, there will be the judgment of the *curriculum* in a public section.

Applicants may use Portuguese or English in their application materials and lectures. The topics of the selection process are as follows:

1. Metaboloma: concepts and interrelationships with pathophysiology of infectious, inflammatory and/or immuno mediated diseases
2. Lipidoma: concepts and interrelationships with pathophysiology of infectious, inflammatory and/or immuno mediated diseases
3. Transcriptoma: concepts and interrelationships with pathophysiology of infectious, inflammatory and/or immuno mediated diseases
4. Epigenetic modifications: concepts and interrelationships with of infectious, inflammatory and/or immuno mediated diseases



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5. Multi-omic approaches in the search for biomarkers for diagnosis, prognosis and therapeutic targets in infectious, inflammatory and/or immune-mediated diseases
6. Statistical approaches and multi-omic analysis of large datasets
7. Applying artificial intelligence and systems biology to biomedical research
8. Immune response in infectious and immune-mediated diseases in the era of systems biology and omics studies: concepts and applications
9. Univariate and multivariate analyses, data mining and visualization in omics studies

The official announcement of this call in Portuguese is available at site <https://uspdigital.usp.br/gr/admissao> - applications must be uploaded at this website, which requires registration.

**The deadline for submissions is March, 16<sup>th</sup>, at 5 p.m. (GMT -3).**

Inquiries about this opening may be sent to [atac@fcrp.usp.br](mailto:atac@fcrp.usp.br)