



**FACULDADE DE CIÊNCIAS FARMACÊUTICAS
DE RIBEIRÃO PRETO**

Seção de Apoio Acadêmico



The Department of Pharmaceutical Sciences within the School of Pharmaceutical Sciences at Ribeirão Preto (FCFRP) at the University of São Paulo seeks to fill a permanent academic position in medicinal chemistry at the level of Professor Doctor (entrance level – MS – 3.1). We seek to strengthen the department's teaching and research in experimental medicinal chemistry. The successful applicant will be expected to provide leadership and evidence of a deep understanding in the field of medicinal chemistry.

Requirements include:

For appointment at Professor level:

- A PhD in related areas;
- A string track record of experience in research in the area of medicinal chemistry;
- An outstanding track record of high-quality publications in peer reviewed journals as corresponding author or first authors, with a substantial number in high reputation journal in the area;
- Evidence of a track record of conference attendance at the international level, including invited oral conference presentations;

Responsibilities include:

- To develop a strong research programme in an area of focus in the Department;
- To develop and teach courses in the sub-discipline of medicinal chemistry at undergraduate and graduate; The successful candidate must have the vision and experience to oversee the full curriculum and provide direction within the discipline;
- To supervise undergraduate (scientific initiation), MSc and PhD students;
- To contribute significantly to administration in the Department and FCFRP.

The public exam will cover the following program*:

- Drug metabolism
- Molecular modification strategies in medicinal chemistry
- Chemical, physicochemical and structural properties of drugs
- Non-steroidal anti-inflammatory drugs
- Beta-lactam antibiotics
- Tyrosine kinase inhibitors
- Antitumor agents: antimetabolites and alkylating agents
- Anticholinesterase drugs
- Anxiolytic and antipsychotic drugs
- Opioid analgesics
- Hypolipemic drugs
- Drugs for the treatment of HIV virus infections
- Drugs for the treatment of influenza virus infections
- Antidiabetic drugs
- Diuretic drugs

* All topics involving therapeutic classes must address origin, design, molecular mechanism and relationship between chemical structure and biological activity.

The entry level monthly remuneration is R\$ 14.761,02 plus benefits.

For more information about the position and application, please contact dcf@fcrp.usp.br.

Please ensure the position title is indicated in the subject line.

Telephone: +55(16) 3315-4216

Position Title: Medicinal Chemistry

Website: <https://uspdigital.usp.br/gr/admissao>

Opening/Closing date: September, 1st / October, 30th, 2023

FCFRP reserves the right not to appoint.