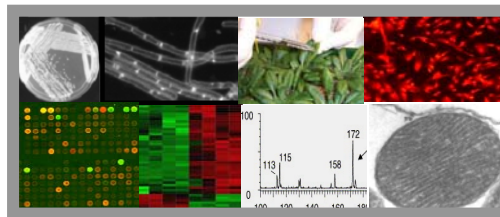




**Departamento de Bioquímica
Instituto de Química
Universidade de São Paulo
Brazil**



Graduate Studies in Biochemistry

Since its establishment in 1970, the Graduate Program in Biochemistry has provided over 600 Masters and Doctoral students with solid theoretical and practical training in state-of-the-art research in Biochemistry and Molecular Biology. Currently, more than 130 students are enrolled in the Program. These students choose from 35 faculty members developing projects in diverse areas including:

- Bioinformatics
- Biomimetic Systems
- Cell Growth and Differentiation
- Enzymology
- Insect Biochemistry
- Membrane Structure and Function
- Molecular Microbiology
- Molecular Neuroscience
- Molecular Parasitology
- Peptide Chemistry, Structure and Function
- Plant and Phytopathogen Molecular Biology
- Protein Structure and Function
- Redox Processes in Biological Systems
- Regulation of Gene Expression

Students in the Biochemistry Program have access to well-equipped laboratories, modern technology and excellent research facilities:

- Animal Husbandry and Housing
- Bioinformatics Facilities
- Cell and Tissue Cultures
- Liquid and Gas Chromatography
- Confocal Microscopy
- DNA Microarrays
- Electron Paramagnetic Resonance
- Flow Cytometry
- Mass Spectrometry
- Microcalorimetry
- Protein Crystallography and NMR
- Real-Time PCR
- Spectroscopy and Fluorimetry
- Surface Plasmon Resonance

Prospective students must have a bachelor's degree and pass a Biochemistry and Molecular Biology General Knowledge Admission Exam, which is offered twice a year. International applicants may take the Admission Exam from abroad, upon direct request to our program coordinators. Students enrolled in the Program are supported by local and international research funding agencies.

Foreign researchers and students not linked to the Graduate Program are also welcome to visit and develop collaborative research projects with members of our Department, and are invited to submit inquiries directly to the collaborating laboratories.

For further information, please contact: Coordenação do Programa de Bioquímica, Secretaria de Pós-Graduação, Instituto de Química - USP, Av. Prof. Lineu Prestes, 748, Cidade Universitária, São Paulo, SP, Brazil, 05508-000, e-mail: baptista@iq.usp.br (Mauricio S. Baptista).

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