Institute of Biomedical Sciences

The Institute of Biomedical Sciences (ICB), University of São Paulo (USP), was founded in 1969, as an Institution dedicated to Basic Health Sciences (ICB celebrates this year 45 years).

Undergraduation
ICB is based on 7 departments of basic sciences:
- Anatomy
- Cellular Biology and Development
- Pharmacology
- Physiology and Biophysics
- Immunology
- Microbiology
- Parasitology

ICB teaches basic sciences to 14 Schools of USP and 21 professional degrees, and also directly responsible for two Bachelor degrees:
- Fundamental Health Sciences
- Biomedical Sciences.

Students Classes
TOTAL / Year 4,667 104

Graduate
ICB has awarded more than 3,500 Master and Doctor (PhD) degrees in:
- Morphofunctional Sciences
- Cell and Tissue Biology
- Pharmacology
- Human Physiology
- Immunology
- Microbiology
- Host-Pathogen Interactions
- Biotechnology (Inter-unit post-graduate program)
- Bioinformatics (Inter-unit post-graduate program)

ICB Graduate students are recipients of scholarships from the following Brazilian agencies: FAPESP, CAPES and CNPq.
ICB has a staff of 154 lecturers and 357 administrative and laboratory technicians, in association with 155 post-doctoral fellows and around 100 undergraduate students.

Financial Funding by the:
- São Paulo State Research Funding Agency (FAPESP)
- Federal Agencies such as CNPq, CAPES and FINEP, Ministries of Health, Science, Technology and Innovation
- International agencies - COFECUB, OAS, PAHO, WHO, NIAID, Bill and Melinda Gates Foundation, Guggenheim Foundation.
- Partnerships with private and public sectors have also been established.

ICB receives over US$ 20 million per year for research.

ICB infrastructure is compatible with the world’s best Universities, with last generation laboratories, including Biosafety Laboratory Max i mum rating NB-3 (Biosafety Level 3).

ICB established a Central Facility well equipped for the use of modern techniques such as:
- High-resolution mass spectrometry
- Gene sequencing
- Image analysis
- Flow cytometers

The Museum of Human Anatomy displays about 1,800 human anatomical pieces, collection of skulls of 500 pieces, and a library with about 2,000 books.

ICB has inbred mice facilities with International recognition.
ICB carries out health care activities and health education programs along several communities in Sao Paulo State and in the Amazon region – Montenegro (RO) and Acrelândia (AC). In the last five years, 7,500 medical visits, 6,000 tests for diagnosis of malaria, 2,500 parasitological stool examinations, 2,500 doses of hemoglobin and 600 complete blood analysis were performed.

Institute of Biomedical Sciences
ICB in the community

Institute of Biomedical Sciences
Academic cooperation agreements

- Universidad de La Frontera - Chile
- University of Paris - France
- Università Degli Studi di Roma “Tor Vergata” - Italy
- University of Michigan Medical School - USA
- Medical University of Vienna - Austria
- Universidad Nacional de Córdoba - Argentina
- Hannover Medical School - Germany
- Instituto Gulbenkian de Ciência - Portugal
- Universidad de Talmo - Colombia
- Universidad de Zarra - Colombia
- National Institute of Allergy and Infectious Diseases – USA
- Wayne State University – USA
- Curtin University of Technology, Australia
- University of Washington - USA
- Marine Biological Laboratory - USA

Opportunities in the Research Labs

A sabbatical year in Gary Hammer’s Laboratory

Period: August 2008 - July 2009

Financial Support from Capes (Coordination of Improvement of Higher Education Personnel) and from Hammer’s Lab

Main field: Study of adrenocortical tumors

Memorandum of Understanding
Opportunities in the Research Labs

Monica Malheiros França – Ph.D student
Period: September to November - 2013

Making friends

Institute of Biomedical Sciences

All of you are welcome to ICB!