

CONICET



I B Y M E

Amor a mi patria
Amor a la libertad
Dignidad personal
Cumplimiento del deber
Devoción a la Ciencia
Devoción al trabajo
Respeto a la justicia y a mis semejantes
Afecto a los niños
parientes, discípulos
y amigos
Octubre de 1943. BA Houssay



The Institute of Biology and Experimental Medicine (IBYME) is a research center which aims to promote the advancement of biological sciences and experimental medicine through research and the training of human resources, with a keen interest in establishing academic agreements with national and international institutions with similar goals.

Since the very beginning, IBYME has been engaged in scientific research, in order to contribute to the improvement of human health, quality of life and socio-economic development of our country.

It was founded on March 14th., 1944 by Prof. Bernardo A. Houssay, the first Argentinean to win a Nobel prize in Sciences – the 1947 Physiology or Medicine Prize.



We have a staff of over 380 researchers, fellows, technicians and assistants, who work in 36 laboratories dedicated to six different research areas: Immunology, Neurosciences, Endocrinology, Cellular Biology, Reproduction and Cancer.

Our principal aim is high level basic science research, which may ultimately be transferred to society and help to improve the human condition. Most of the staff actively participates in teaching at both public and private universities. We also provide intensive training to fellows and students as a mean to optimize our excellent human resources.

IBYME is one of the pioneer institutions in Argentinean scientific tradition, the first centre entirely dedicated to scientific research. On December 14th., 1973, it became a Unit of the National Scientific and Technical Research Council (CONICET)

IBYME also participates in different Projects of applied research and technological development within the biomedical area, funded by national and international organizations.

Our laboratories are making a strong effort to establish multidisciplinary lines of communication, in order to expand the expertise of our scientists in different fields of research.





Our Laboratories

Animal Biotechnology and Mammary Gland Physiology
Axonal Transport and Neurodegenerative Diseases
Behavioral Biology
Cell and Molecular Biology in Reproduction
Cell-Cell Interaction Studies in Reproduction and Cancer
Chemistry of Proteoglycans and Extracellular Matrix
Endometrial Pathophysiology
Hormonal Carcinogenesis
Hormonal Physiopathology
Hormonal Regulation of Female Reproductive Tract
Hormones and Cancer
Hypophysial Regulation
Immunohematology
Immunopathology
Molecular and Functional Glycomics
Molecular Endocrinology and Reproduction
Molecular Endocrinology and Signal Transduction
Molecular Mechanisms of Carcinogenesis



Our Laboratories

Molecular Mechanisms of Fertilization
Molecular Oncology and New Therapeutic Targets
Nervous System Development
Neurobiology
Neurobiology of Aging Brain
Neuroendocrine Biochemistry
Neuroendocrinology
Nociception and Neuropathic Pain
Nuclear Architecture
Nuclear Receptors
Ovarian Physiology
Pathology and Molecular Pharmacology
Pharmaceutical Biotechnology
Physiopathology of Innate Immunity
Protein Kinases and Cancer
Reproduction Immunology
Stem cells
Testicular Neuro-Immune-Endocrinology

All research performed in our laboratories is closely supervised by the IBYME Ethics Committee to insure safe practice as well as strictly controlling projects with regards to the fulfillment of international requirements. The Committee is accredited by the Central Research Ethics Committee of Buenos Aires.

Our Institute has a modern vivarium of 350 m². It houses rats, mice, hamsters and different lines of transgenic murine models in ventilated racks.

Is one of the first 7 incorporated into the National System of Vivariums (SNB), created by the Ministry of Science, Technology and Productive Innovation (MINCYT).



Our Library, also founded by Prof. Houssay, is considered to be one of the best regional references in biomedicine. A new, modern and technology furnished building now houses the physical archives, space for digital on-line research of scientific journals and libraries, and an auditorium for seminars and interdisciplinary group work-shops.

12 High Level Technology Services (STAN) are conducted by expert researchers. Each provides a specialized high-tech service, or professional advice.

Training of human resources

We share the experience and knowledge in a continuous process of formation and creativity.



Publications

Our researchers publish in national and international peer reviewed journals, in order to share the findings to the Scientific Community.

Community ties

We reaffirm the importance of generating high ideals in young people, according to the maxims of Dr. Houssay, the founder of our house. We receive students from different schools and share presentations on each research area.



INSTITUTO DE BIOLOGÍA Y MEDICINA EXPERIMENTAL

Vuelta de Obligado 2490
C1428ADN - CABA - Argentina
Tel. 4783 2869 Fax: 4786 2564

Email: ibyme@ibyme.org.ar
www.ibyme-conicet.gob.ar

www.conicet.gob.ar