

Apply by December 15th for the NEW IMBS Double Master Program in Biomedical Sciences: MSc from the University of Buenos Aires and MSc from Freiburg University

Authors: Christoph Borner, Marta Mollerach, Cristina Arranz, Roland

Mertelsmann

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## **Overview**

The International Master Program in Biomedical Sciences (IMBS) is a **BINATIONAL DOUBLE DEGREE** program between Universidad de Buenos Aires in Argentina (Faculty of Pharmacyand Biochemistry and Faculty of Medicine) and Albert-Ludwigs University of Freiburg in Germany. It is supported by the DAAD (German Federal Institution for Academic Exchange) and private philantropy. The aim of this program is to provide scientific knowledge and state-of-the-art experience to current and emerging biomedical research areas with a focus on traslational research and development.

The IMBS lasts two years and is held in English. The academic year starts in February. The first 8 months are carried out at Universidad de Buenos Aires. The following 8 months take place in Freiburg including intensive courses, special lectures and laboratory practice. Upon successful completion of the module courses in Buenos Aires and in Freiburg, the students will receive a Diploma of Advanced Studies (DAS). The last 8 months are dedicated to the Master Thesis Research which can be done either in Buenos Aires or in Freiburg. The students then defend their thesis and are awarded with two Master of Science Degrees: Master of Science of Universidad de Buenos Aires and Master of Science Biomedical Sciences of the University of Freiburg . Good to excellent results after the first year qualify for admission to a three-year doctoral project in one of the participating research groups.

The program is open to students from all over the world who hold an academic Degree in Biosciences, Biochemistry, Biology, Medicine, or related fields. Admission is only possible to the first segment of the program, not directly to the PhD program.

## **Schedule of Events**

Application deadline: June

**Annual International Congress** 

in Traslational Medicine: March

Master Thesis Defense: March

Classes in Buenos Aires: February - September

Classes in Freibrug: October- February

Thesis Research in Buenos Aires or Freiburg: February - January

# **Program Structure**



## In Buenos Aires

Module I: Biological Oxidations and Bioenergetics Module II: Biochemistry and Molecular Biology

Module III: Physiology, Physiopathology, Pharmacology and Toxicology

Module IV: Microbiology, Virology and Immunology

Module V: Neurobiology Module VII: Clinical Medicine Module VIII: Molecular Oncology



# In Freiburg

Module IX: Methodology workshops. Seminar and Conferences

- 1- Mollecular and Cellular Biology
- 2- Immunology and Pathology
- 3a- Pharmacology and Toxicology
- 3b- Molecular Cardiology
- 3c- Molecular Oncology
- 3d- Genetics of Disease and Cancer
- 4a- Materials and Microsystems for Life Sciences
- 5- Laboratory Research 1 & 2



# **Freiburg**

Freiburg is one of the most popular cities in Germany. It is located on the slopes of the Black Forest and is the sunniest city in Germany. Freiburg is a famous center of academics and research. As one of the oldest universities in Germany, the Albert Ludwigs University of Freiburg (ALU) celebrated its 550 year anniversary in 2007 and is one of Germany's most prestigious and leading research as well as teaching institutions in Europe.

The University Medical Center Freiburg enjoys an excellent international reputation due to world-class medical treatment and extensive research.

## **Buenos Aires**

Buenos Aires is the capital of Argentina, the country's largest city and the third largest city in Latin America. Located on the shores of Río de la Plata, Buenos Aires has always been an open-hearted city. It is a modern, dynamic and radiant city which features the European architecture of its founders. Buenos Aires enjoys a perennial mild climate. It has an intense cultural life where tango, coffee klatches and football (soccer) are essential in its people's daily life. The University of Buenos Aires (UBA) was founded in 1821. At present, it represents a well-known and prestigious institution for the training of professionals with over 6650 teachers and more than 100.800 students divided into 13 faculties. Within the fields of science and technology, The University of Buenos Aires has an outstanding structure made up of around 6000 researchers and scholars and over 1500 ongoing research projects financed by the University. the National Agency of Science and Technology, the CONICET, and other organizations.

The exchange of foreign researchers, teachers and students and the design of projects of common interests are some of UBA'S main aims.

# **Contact and Application**

If you are interested in the IMBS, go to our websites: www.biomedmaster.org www.ffyb.uba.ar

or scan the QR code to access the Application Form:



#### or contact us at:

www.ffyb.uba.ar

#### **Universidad de Buenos Aires**

Lic. Julia Kirszman Facultad de Farmacia y Bioquímica Junín 956 - Planta Principal Ciudad Autónoma de Buenos Aires C1113AAD, Argentina e-mail: imbs@ffyb.uba.ar phone: (+54 11) 52874920

### **Albert-Ludwigs University of Freiburg**

Bärbel Schätzle, Dipl. Soz. Päd. Project Coordinator International Master Program in **Biomedical Sciences** Institute of Molecular Medicine and Cell Research, AG **Borner** Stefan-Meier-St. 17/79104 Freiburg Germany

phone: +49 761/203-97489

e-mail: imbs@mol-med.uni-freiburg.de

www.biomedmaster.org

## Supported by:







## Freiburg:

Prof. Dr. Christoph Borner **Program Director Freiburg** christoph.borner@uniklinik-freiburg.de

Prof. em. Dr. Drs. h.c. Roland Mertelsmann **Program Co-directorFreiburg** roland.mertelsmann@uniklinik-freiburg.de

**Bärbel Schätzle IMBS Project Coordinator** imbs@mol-med.uni-freiburg.de

#### **Buenos Aires**

## **Prof Christina Arranz Program Director Buenos Aires** carranz@ffyb.uba.ar

Prof. Dr. Ricardo Gelpi **Program Co-director Buenos Aires** rgelpi@fmed.uba.ar

**Prof Dr. Marta Mollerach IMBS Committee Buenos Aires** mmollera@ffyb.uba.ar

Prof. Dr. Alejandro De Nicola **IMBS Committee Buenos Aires** denicola@dna.uba.ar

Prof. Dr. Emilio Malchiodi **IMBS Committee Buenos Aires** emalchio@ffyb.uba.ar

Prof. Dr. Monica Galleano **IMBS Committee Buenos Aires** mgallean@ffyb.uba.ar

Lic. Julia Kirszman **IMBS Project Coordinator** imbs@ffyb.uba.ar







# **INFORMATION**

A joint program of the Albert-Ludwigs-University of Freiburg (Germany) and Universidad de Buenos Aires (Argentina)

MSc

