



**FOCEM Course:  
Introduction to Structural Biology and  
Bioinformatics**

*(Practical Tips for non-experts)*

11<sup>th</sup> – 15<sup>th</sup> November 2013, Institut Pasteur de Montevideo, Uruguay

The Institut Pasteur de Montevideo, in collaboration with the Biomedicine Research Institute of Buenos Aires-Max Planck Society Partner, is organizing a basic **Hands-on course on Structural Biology and Computational Methods, to take place from 11<sup>th</sup> to 15<sup>th</sup> November 2013 at the Institut Pasteur de Montevideo, Uruguay.**

The Course will primarily focus on experimental and computational methods applied to structural biology, with particular emphasis on practical tutorials for non-experts. Speakers of outstanding reputation, on both theoretical and experimental structural biology, will provide introductory lectures and Hands-on tutorials.

**MAIN TOPICS:**

- **Structural and Molecular Biology**
- **X-ray crystallography**
- **NMR structures**
- **Molecular Visualization**
- **Bioinformatics**
- **Online Tools for Modeling**

The Course is directed to scientists and students at any degree of their careers in any scientific discipline related with biosciences, including **Medicine, Biochemistry, Biology, etc.** It will also aim to create an interdisciplinary collaboration amongst all the attendees. Dissemination of the participants' work, besides that of the main speakers, will help form networks of collaborative work and stimulating capacity building.

**PARTICIPATION**

The course is organized within the framework of the FOCEM, but it is open to all participants wishing to acquire a basic knowledge in structural biology and bioinformatics. As it will be conducted in English, attendees must have an adequate working knowledge of this language.

**As a rule, travel expenses and room and board of the participants who are members of the FOCEM consortium should be borne by their home institutions.** However, limited funds are available for living expenses of some participants, who are nationals of, or working in a Latin American country, and who are not more than 35 years old. Such support is available only to those attending the entire activity. **There is no registration fee for attending the activity.**

**HOW TO APPLY FOR PARTICIPATION**

The Application Form can be downloaded from the Course website:

<http://www.sirahff.com/2013/06/focem-course-introduction-to-structural.html>.

Once in the website, comprehensive instructions will guide you step-by-step on how to fill out and submit the application form. Deadline for receipt of applications: **1<sup>st</sup> August 2013**

Activity Secretariat:

E-mail: [curso\\_focem2013@pasteur.edu.uy](mailto:curso_focem2013@pasteur.edu.uy)



Instituto de Investigación en Biomedicina de Buenos Aires  
CONICET - Instituto Partner de la Sociedad Max Planck



**CHAIRS**

***Sergio PANTANO***

(Institut Pasteur de Montevideo,  
Uruguay)

***Claudio CAVASOTTO***

(IBioBA-Max Planck Society Partner,  
Buenos Aires, Argentina)

**Invited Speakers:**

**Anna TRAMONTANO**

**Jorge VILA**

**Claudio CAVASOTTO**

**Patricio YANKILEVICH**

**Rodolfo RASIA**

**Local Speakers:**

**Alejandro BUSCHIAZZO**

**Sergio PANTANO**

**Matias MACHADO**

**Felipe TRAJTEMBERG**

***DEADLINE for applications:***

**1<sup>st</sup> August 2013**