



The Abdus Salam  
International Centre for Theoretical Physics



**2nd Conference on Drug Development for the  
Third World: From Computational Molecular  
Biology to Experimental Approaches**

**1 - 5 June 2009  
ICTP, Miramare, Trieste**

Following the great success of the previous Meeting in 2006, the Abdus Salam International Centre for Theoretical Physics, Trieste, Italy, with the cooperation of ICS-UNIDO, is organizing the second edition of the **Conference on Drug Development for the Third World: From Computational Molecular Biology to Experimental Approaches**, to take place from 1 to 5 June 2009 at ICTP. This event will include special sessions dedicated to "Drug Design and Discovery for Developing Countries".

After the Conference, from 8 to 12 June, there will be a second joint event entitled "Training Course on Molecular Design and Computer-Assisted Combinatorial Chemistry", organized by ICS-UNIDO and in cooperation with SISSA, to take place at SISSA, Trieste, Italy; for details please see the announcement and website at: <http://www.ics.trieste.it/Portal/Activity.aspx?id=548&pback=/Portal/Level.aspx?level=1.4>

The Conference will focus on computational and biophysical approaches to molecular medicine and drug development for the third world countries. In particular, the program will present molecular simulation and bioinformatics complemented by experimental structural biology methodologies for the investigation of tropical diseases, AIDS and tuberculosis. There will also be practical bioinformatics exercises during the event, as well as a visit to ICGB's molecular biology laboratories in Trieste (<http://www.icgeb.it>).

The aim of the event is to bring together distinguished scientists from all over the world, and in particular from South America, South-East Asia and Africa. It will also serve to link together both students and faculty, to encourage involvement for exchange and mutual research in bioinformatics, molecular docking and in silico drug screening.

**Topics include:**

- Structural bioinformatics
- Molecular Simulation
- Computer-aided and structural-based drug and vaccine design
- Structural biology of HIV, SARS, Malaria and tuberculosis
- Cell biology of HIV
- Molecular Medicine

**CALL FOR CONTRIBUTED POSTERS**

The Conference programme will include a Poster Session. If interested, please submit a one-page abstract (size A4) and attach it to the online application form, no later than **10 March 2009**. Participants who intend to apply for financial support are strongly suggested to present a poster. File attachments should be in PDF format. The Organizers will evaluate which abstracts are to be presented and applicants will be informed accordingly.

**PARTICIPATION**

Scientists and students from all countries that are members of the United Nations, UNESCO, UNIDO or IAEA may attend the activity. As it will be conducted in English, participants must have an adequate working knowledge of this language. Although the main purpose of the Centre is to help researchers from developing countries through a programme of training activities within a framework of international cooperation, a limited number of students and post-doctoral scientists from developed countries are also welcome to attend.

As a rule, travel and subsistence expenses of the participants are borne by their home institutions. Every effort should be made by candidates to secure support for their fare (or at least half-fare). However, limited funds are available for some participants, who are nationals of, and working in, a developing country, and who are not more than 45 years old. Such support is available only to those attending the entire activity. There is no registration fee.

**HOW TO APPLY FOR PARTICIPATION**

The Application Form can be accessed via the ICTP activity agenda page at: <http://agenda.ictp.it/smr.php?2039>. 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: **10 March 2009**.

If you also wish to participate in the **Training Course**, taking place the following week from 8 to 12 June at **SISSA, Trieste**, please fill in the relevant application form, to be found at the following link: <http://www.ics.trieste.it/Portal/ActivityApplicationForm.aspx?id=54> and send it directly by e-mail to: [prata@ics.trieste.it](mailto:prata@ics.trieste.it) before **10 March 2009**.

Activity Secretariat:

Telephone: +39-040-2240305  
E-mail: [smr2039@ictp.it](mailto:smr2039@ictp.it)

Telefax: +39-040-224163  
ICTP Home Page: <http://www.ictp.it>

(Trieste, December 2008)

*in cooperation with:*

**ICS - UNIDO (Trieste)**



*and*

**INFM - DEMOCRITOS (Trieste)**



*and co-sponsored by:*

**ICS - UNIDO (Trieste)  
ICGEB (Trieste)**

**DIRECTORS:**

**Wim G.J. HOL**  
(University of Washington, Seattle, U.S.A.)

**Eaton LATTMAN**  
(Hauptman Woodward Medical Res. Inst.,  
Buffalo, NY, U.S.A. and  
John Hopkins University, Baltimore, MD,  
U.S.A.)

**Stanislav MIERTUS**  
(ICS-UNIDO, Trieste, Italy)

**\*Paolo CARLONI**  
(SISSA & INFM-Democritos, Trieste, Italy)

**\* and Local Organizer**

**DEADLINE for receipt  
of applications:**

**10 MARCH 2009**