International Conference on
Emerging Frontiers and Challenges
in HIV/AIDS Research

February 5-8, 2011
Mumbai, India

National Institute for Research in Reproductive Health
(Indian Council of Medical Research)
and
Indian Society for the Study of Reproduction and Fertility

Patrons

: Dr Vishwa Mohan Katoch
Secretary to the Government of India
Department of Health Research
Ministry of Health and Family Welfare and
Director General,
Indian Council of Medical Research, New Delhi

Dr Jack Whitescarver
NIH Associate Director for AIDS Research and
Director, Office of AIDS Research,
National Institutes of Health, Bethesda, USA

Chairman, Scientific Programme Committee

: Prof Nirmal Kumar Ganguly
Former Director General, Indian Council of Medical,
President, Jawaharlal Institute of Postgraduate
Medical Education and Research, Puducherry,
Distinguished Biotechnology Professor,
Translational Health Science and Technology
Institute, Delhi
Former Director In-charge, Postgraduate Institute of
Medical Education and Research, Chandigarh

Conveners

: Dr Sanjiva D Kholkute
Director
National Institute for Research in
Reproductive Health, ICMR, Mumbai

Dr Chander P Puri
CEO, Yashraj Biotechnology Ltd,
Navi Mumbai
Dear Colleagues,

The number of people living with HIV worldwide has grown to alarming proportions in recent years with more than 25 million people including adults and newborns having succumbed to AIDS till date. AIDS-related illnesses are projected to cause significant
premature mortality in the coming decades. Consistent viral variation, differential immunological responses in host, viral affinity to different receptors and resistance to therapies have been recognized as the major impediments in developing effective therapeutic drugs and preventive tools such as vaccines and microbicides. In addition to these daunting bottlenecks in the area of fundamental and clinical research on HIV/AIDS, other issues, which warrant urgent attention, are lack of focused HIV prevention programmes for key populations and integrated programmes specifically designed for people living with HIV. There is pressing need to fill up the research gaps in our knowledge about the prevention approaches among older adults, serodiscordant couples and determinants of vulnerability among young people such as intergenerational partnerships.

The International Conference on “Emerging Frontiers and Challenges in HIV/AIDS Research” aims to provide an interactive forum to the researchers who have been engaged in addressing the cutting edge researchable issues such as mode and mechanism of HIV infection and transmission; resistance to the pathogen as well as anti-HIV drugs; disease progression; and development of efficacious strategies for prevention, diagnosis and treatment of HIV/AIDS. The meeting will dwell on the key roadblocks to translational research in the field of HIV/AIDS which includes inconclusive knowledge of the basic mechanism of HIV pathogenesis, nature of the cellular and anatomical reservoirs of virus infection, limitation of non human primate models and lack of consensus in the appropriate models for vaccine research and product testing. Special sessions on the policymaking and advocacy for the programmes on control and management of HIV/AIDS will be the other highlights of this international meet. This meeting is expected to create an excellent convergence of the perspectives of those with specific interests in fundamental, clinical and sociobehavioural research on HIV/AIDS. We earnestly hope that the deliberations during the conference will help in translating theoretical advances into the clinical practices and contribute towards decelerating the pace of this pandemic.
The **basic science sessions** will focus on the impact of pathogenic diversity and host response on transmission and progression of the disease, preclinical testing of anti HIV drugs, microbicides and vaccines. The **clinical science sessions** will cover antiretroviral therapies, resistance to drug therapy, limitations in HIV diagnosis, counseling and testing of serodiscordant couples and clinical trials of microbicides and vaccine. The session on **service delivery** for prevention and management of HIV/AIDS will address role of private, NGO and public sectors in HIV service delivery; linked services of HIV with SRH including contraception and tuberculosis programme; and operational research. The session on HIV/AIDS **Epidemiology** will address HIV incidence including methods of assay; arriving at HIV estimates; HIV surveillance; impact of STI control on HIV epidemic and impact of increased access to treatment on epidemiological trends. The **socio-behavioral science session** will address the challenges in reducing the stigma, male involvement, sexuality and gender, and enhancing the community involvement in control of HIV/AIDS.

On behalf of the organizers of the committee I am pleased to invite you to actively participate in the conference and contribute towards defining a more focused and comprehensive research goal to thwart the pandemic of HIV/AIDS.

**Dr A. H. Bandivdekar**

Assistant Director and Scientist D  
National Institute for Research in Reproductive Health, ICMR, Mumbai
Scientific Programme

The scientific programme will include plenary lectures, lectures from invited speakers and oral / poster sessions covering the following major themes:

**Basic Research**
- HIV Variants and Pathogenesis
- Host Genetic Factors
- Vaccine Development and Testing
- Microbicide Development and Evaluation
- Animal Models to study HIV Pathogenesis
- Molecular Targets and Drug Discovery

**Clinical Research**
- Antiretroviral Therapy
- Preventive and Therapeutic Regimens
- HIV with Opportunistic and Associated Infections
- Parent to Child Transmission of HIV
- Challenges in Estimation of HIV prevalence
- Point of Care Assays for HIV Detection

**Socio-behavioral Research**
- Stigma and Discrimination for PLHIV
- Male involvement including Gender based violence and alcoholism
- HIV and SRH
- Management of Children of Infected Individuals
- Role of Public, Private and NGO in HIV Service Delivery
- Most at Risk Population for HIV Transmission

**Presentations**

The International scientific programme committee will identify speakers for Plenary and invited lectures. Besides this, scientists are encouraged to submit their abstracts for oral and poster presentations.

Size of the poster will be of 3 x 4 ft

LCD/Slide projectors will be made available at the venue

**Submission of Abstract**

The abstract of about 300 words typed on a plain paper using Microsoft word (12pt, Times New Roman) to be sent by email to the Organizing Secretary by November 30, 2010
Registration Fees

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<tr>
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<th>Before December 31, 2010</th>
<th>After January 1, 2011</th>
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<tbody>
<tr>
<td>Indian Delegates</td>
<td>Rs 5000/-</td>
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<td>Rs 3500/-</td>
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<td>Delegates from Overseas</td>
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Registration fees may be paid through bank draft/cheque payable to “International Conference on HIV/AIDS”

Venue

Marriott Hotels India Pvt Ltd
P O Box 8283, Juhu Tara Road,
Mumbai 400 049, INDIA
Phone 91-22-66933014
FAX 91-22-6693 3023

Accommodation

Accommodation can be arranged in various categories of hotels of international standards and other guest houses to suit your budgetary requirements. In the event you need any assistance for booking accommodation please contact us.

Further Information and Correspondence

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