

SCIENTIFIC PROGRAMME

February 25, 2019 (Monday)

08:00 onwards	<u>Registration</u>
9:00 - 10:00	<u>Inauguration</u> Welcome address: Dr. Brijesh Rathi, Convenor, ICBTM. Remarks: Dr. Rama, Chairman, Hansraj College, University of Delhi, India. Remarks: Prof. Ravi Durvasula, Chairman, University of Loyola, Chicago, USA Inaugural Address by Chief Guest: Dr. AK Singh, Director General Life Sciences, DRDO, Gov. of India
10:00 – 10:15	<u>High Tea</u>
	Chairperson: Prof. Michael Wilson, University of Ghana, Ghana & Prof. Veena Agarwal, Department of Botany, University of Delhi, India
10:15 – 10:50	<i>Keynote address</i> Title: Ribosome display: A strategy to develop novel designer antibodies Speaker: Prof. Ravi Durvasula, University of Loyola, Chicago, USA
10:50 – 11:25	<i>Keynote address</i> Title: Synthesis and biological evaluation of novel types of nucleoside analogues as potential antiviral and anticancer agents Speaker: Prof. Aniko Borbas, University of Debrecen, Hungary
	Chairperson: Prof. Ravi Durvasula, University of Loyola, Chicago, USA & Dr. RP Singh, Associate Professor of Chemistry, Sri Venkateswara College, University of Delhi
11:25 – 12:00	<i>Plenary Lecture 1 (PL 1)</i> Title: Dissection of the central roles played by apicomplexan aspartyl proteases in establishment of parasitism Speaker: Prof. Dominique Soldati-Favre, University of Geneva, Switzerland
12:00 – 12:40	<i>Plenary Lecture 2 (PL 2)</i> Title: How to Improve Radiotherapy of Cancer? Speaker: Prof. Rana P. Singh, School of Life Sciences, Jawaharlal Nehru University, New Delhi, India
12:40 – 13:00	<i>Discussion and Questionnaire Session</i>
13:00 – 14:00	<u>Lunch/Poster Session</u>
	Chairperson: Prof. Miguel Prudencio, University of Lisbon, Portugal & Dr. DD Arya, Dr D P Rastogi Central Research Institute for Homoeopathy, Noida
14:00 – 14:30	<i>Invited Lecture 1 (IL 1)</i> Title: Targeting molecular machinery of entry and exit of malaria parasites for development of new class of multi-stage drugs Speaker: Dr. Shailja Singh, Special Center for Molecular Medicine, Jawaharlal Nehru University, New Delhi, India
14:30 – 15:00	<i>Invited Lecture 2 (IL 2)</i> Title: Hidden Disease Burden of Latent Infections Speaker: Dr. Ajay Bharti, University of California, USA
15:00 – 15:15	<i>Tea Break</i>
	Chairperson: Prof. Aniko Borbas, University of Debrecen, Hungary & Prof. Saudan Singh, Dean, Delhi Medical College, India
15:15 – 15:35	<i>Invited Lecture 3 (IL 3)</i>

	<p><i>Title:</i> Genetic diversity of Plasmodium falciparum field isolates from Kisumu County, western Kenya</p> <p><i>Speaker:</i> Dr. Hoseah Akala, Kenya Medical Research Institute, Kenya</p>
15:35 – 17:00	<p style="text-align: center;">Oral Presentations (OP 1 – OP 15)</p> <p>Panel of Experts: Dr. Prakasha Kempaiah, Prof. Pulin K Gupta, Dr. Bryan Mounce & Dr. Shailja Singh</p>
February 26, 2019 (Tuesday)	
9.30 - 10.00	<p>Chairperson: Prof. Dominique Soldati-Favre, University of Geneva, Switzerland & Dr. Agam P Singh, NII, New Delhi, India</p> <p>Plenary Lecture 3 (PL 3)</p> <p><i>Title:</i> Development and Clinical Evaluation of a New Vaccine Against Malaria</p> <p><i>Speaker:</i> Dr. Miguel Prudencio, University of Lisbon, Portugal</p>
10.00 - 10.30	<p>Plenary Lecture 4 (PL 4)</p> <p><i>Title:</i> Towards the Understanding of the Biology of Host-Pathogens Interactions Using Computational Methods</p> <p><i>Speaker:</i> Prof. Michael Wilson, University of Ghana, Ghana</p>
10:30 -10.45	High TEA
10.45–11.30	<p>Chairperson: Dr. N. Latha, SV College, University of Delhi & Dr Ratan Singh, MD AIIMS, New Delhi</p> <p>Invited Lecture 5 (IL 5)</p> <p><i>Title:</i> Lead Identification with Molecular Docking and Biomolecular Simulations</p> <p><i>Speaker:</i> Dr. Whelton Miller, Lincoln University, USA & Dr. Samuel Kwofie, University of Ghana, Ghana</p>
11:30-12:00	<p>Invited Lecture 6 (IL 6)</p> <p><i>Title:</i> Out of the jungle: A clinical case to highlight the importance of continued discovery for new anti-helminthic therapy</p> <p><i>Speaker:</i> Dr. Brian J. Medernach, University of Loyola, Chicago, USA</p>
	<p>Chairperson: Dr. Anil K. Mishra, Joint Director, INMAS, DRDO, Delhi & Prof. Mandira Basil-Verma, VPCI, University of Delhi</p>
12:00 – 12:30	<p>Invited Lecture 7 (IL 7)</p> <p><i>Title:</i> Small but Mighty: Polyamines in RNA Virus Replication and as a Broad-Spectrum Antiviral Target</p> <p><i>Speaker:</i> Dr. Bryan Mounce, University of Loyola, Chicago, USA</p>
12:30 – 12:50	<p>Invited Lecture 8 (IL 8)</p> <p><i>Title:</i> Lipophilic glycopeptide antibiotic and sialic acid derivatives active against influenza viruses</p> <p><i>Speaker:</i> Dr. Ilona B. Bereczki, University of Debrecen, Hungary</p>
12:50 – 13:00	Discussion and Questionnaire Session
13:00 – 14.00	LUNCH BREAK
14:00 – 15:30	<p style="text-align: center;">ORAL Presentations (OP 16 – OP 28)</p> <p>Panel of Experts: Dr. Prakasha Kempaiah, Prof. Pulin K Gupta and Dr. Bryan Mounce</p>
15:30 – 15:45	High Tea
15:45 – 16:30	Valedictory Function
16:30 – 17:00	Vote of Thanks by Dr. Prakasha Kempaiah, Convenor, ICBTM