

**6th International Symposium on
“CURRENT TRENDS IN DRUG DISCOVERY & RESEARCH”
(CTDDR-2016)
(25th-28th February, 2016)**

CSIR-Central Drug Research Institute (New Campus)
Sector 10, Jankipuram Extension, Sitapur Road, Lucknow-226031, UP, India

SCIENTIFIC PROGRAMME

25th February, 2016	
10.00 onwards	REGISTRATION Venue: CDRI auditorium
Inaugural Session Venue: CDRI auditorium	
Facilitator: Dr. Aamir Nazir, contact no. +91 9198472865; anazir@cdri.res.in	
17.00 – 17.15	Dr. Madhu Dikshit, Director CSIR-CDRI <i>Welcome Address</i>
17.15 – 18.15	Inaugural lecture by Prof. Ian Gilbert (UK) <i>Title: Drug discovery for neglected diseases.</i>
18.15 – 18.45	Presidential Address by Prof. T. K. Chakraborty (India)
18.45 – 18.50	Dr. Arun K. Sinha, Organizing Secretary, CTDDR-2016 <i>Vote of Thanks</i>
20.00 onwards	DINNER (CSIR-CDRI Lawn)
26th February, 2016	
Session I - Tools for Drug Discovery Chairpersons: Prof. Lesley Marson (USA) & Prof. A. K. Tripathi (India) Venue: CDRI auditorium	
Facilitator: Dr. Niti Kumar, contact no. +91 9565612288; niti_kumar@cdri.res.in	
09.00 – 09.35	Plenary Lecture by Prof. Thomas Wirth (UK) <i>Title: Safe Synthesis using Flow Chemistry.</i>
09.35 – 10.05	Prof. Klaus Theodor Wanner (Germany) <i>Title: MS Binding Assays as a tool in drug discovery.</i>
10.05 – 10.35	Dr. Andreas Bender (UK) <i>Title: Integrating Chemical and Biological Data for Drug Discovery.</i>
10.35 – 11.15	TEA / COFFEE BREAK

Session II - Infectious Diseases (DNDi Session)	
Chairpersons: Dr. C. M. Gupta (India) & Prof. Louis Maes (Belgium)	
Venue: CDRI auditorium	
Facilitator: Dr. Aamir Nazir; contact no. +91 9198472865; anazir@cdri.res.in	
11.15– 11.50	Plenary Lecture by Dr. Robert Don (Switzerland) <i>Title: Changing landscape of NTD drug discovery research.</i>
11.50 – 12.20	Prof. Graeme Bilbe (Switzerland) <i>Title: DNDi NCE portfolio for leishmaniasis.</i>
12.20 – 12.50	Dr. Suman Rijal (DNDi, India) <i>Title: Diversity of visceral leishmaniasis treatments in different regions and disease niches.</i>
13.00– 14.00	LUNCH
Session III - Filaria and Other Helminth Infections	
Chairpersons: Dr. Burkhard König (Germany) & Dr. Graeme Bilbe (Switzerland)	
Venue: CDRI auditorium	
Facilitator: Dr. Mrigank Srivastava; contact +91 8853258888; mrigank_srivastava@cdri.res.in	
14.00 – 14.35	Plenary Lecture by Prof. Mark Taylor (UK) <i>Title: The discovery and development of macrofilaricides: The A-WOL experience.</i>
14.35 – 15.05	Prof. Eileen Devaney (Scotland) <i>Title: MicroRNAs as tools to understand nematode biology and as targets for control.</i>
15.05 – 15.35	Dr. Shailja Misra-Bhattacharya (India) <i>Title: Trehalose-6-phosphate-phosphatase of Brugia malayi shows promise as antifilarial vaccine candidate.</i>
Session III (Parallel) - Bone Biology	
Chairpersons: Dr. Sanjeev Galande (India) & Dr Roopa Rai (USA)	
Venue: CDRI Hall 1	
Facilitator: Dr. Maddi Sridhar Reddy; contact no. +91 7897582222; msreddy@cdri.res.in	
14.00 – 14.35	Plenary Lecture by Dr. Ravinder Goswami (India) <i>Title: Vitamin D deficiency in Indians: Myth or reality.</i>
14.35 – 15.05	Dr. Ritu Trivedi (India) <i>Title: Humble tree hiding surprising secrets: Translating Dalbergia sissoo into product for osteoporosis</i>
15.05 – 15.35	Dr. Naibedyia Chattopadhyay (India) <i>Title: Discovery of an osteoanabolic compound from an endangered Himalayan plant: Adiponectin receptor 1 as the possible molecular mediator of its action.</i>

15.35 – 15.55	TEA/COFFEE BREAK
Session IV- Diabetes	
Chairpersons: Dr. Ranjit Desai (India) and Prof. Brüne Bernhard (Germany)	
Venue: CDRI auditorium	
Facilitator: Dr. Namrata Rastogi; contact no. 9670258538; namrataiit@gmail.com	
15.55 – 16.30	Plenary lecture by Prof. Jean-Francois Tanti (France) <i>Title: Stress pathways involved in adipose tissue dysfunction and insulin resistance in obesity and Type II diabetes.</i>
16.30 – 17.00	Prof. Milind G. Watve (India) <i>Title: Why diabetes is incurable: Reflections on research in medicine.</i>
17.00 – 17.30	Prof. Dwaipayan Bharadwaj (India) <i>Title: Complex disease genetics is absolute confusion: Type II diabetes is a case study.</i>
17.30 – 19.00	POSTER SESSION
19.00– 20.00	CULTURAL PROGRAMME
20.00 onwards	DINNER (CSIR-CDRI Lawn)
27th February, 2016	
Session V - Cancer Biology	
Chairpersons: Dr. V. P. Kamboj (India) & Prof. Stephen Husbands (UK)	
Venue: CDRI auditorium	
Facilitator: Dr. Dipankar Koley; contact +91 9936263170; dkoley@cdri.res.in	
09.00 – 09.35	Plenary Lecture by Prof. Ashok Venkitaraman (UK) <i>Title: Extending the reach of target discovery for cancer and other diseases.</i>
09.35 – 10.05	Prof. Brüne Bernhard (Germany) <i>Title: Macrophage polarization in the tumor microenvironment.</i>
10.05 – 10.35	Dr. Roopa Rai (USA) <i>Title: Temozolomide (TMZ) analogs with improved brain/plasma ratios – exploring the possibility of improving the therapeutic index of TMZ.</i>
10.35 – 11.05	Prof. Sanjeev Galande (India) <i>Title: Regulation of chromatin organizer SATB1 in colorectal tumorigenesis: A novel role of Wnt signaling.</i>
11.05 – 11.35	Dr. David A. Wink Jr. (USA) <i>Title: The oncogenic properties of the redox inflammatory protein inducible nitric oxide synthase in ER(-) breast cancer.</i>
Session V (Parallel) Young Scientists' Oral Presentation (Competitive)	
Each: 8+2 minutes	

Chairpersons: Prof. Dwaipayan Bharadwaj (India) & Dr. Anil Chauhan (USA)	
Venue: CDRI Hall 1	
Facilitator: Dr. Ashish Arora; contact no. 9793162555; ashish_arora@cdri.res.in	
9.00 – 11.30	<ol style="list-style-type: none"> 1. Ms. Jyotsna Pandey, CDRI, Lucknow 2. Dr. Mohd. Saquib, University of Allahabad, Allahabad 3. Ms. Neetu Dayal, NIPER, Mohali 4. Dr. N.V. Anil Kumar, Manipal Univ., Manipal 5. Mr. Dhameliya Tejas, NIPER, Mohali 6. Ms. Preeti Vishwakarma, CDRI, Lucknow 7. Dr Anjani K Tiwari, Delhi Univ., Delhi 8. Ms. Sonal Shree, MSB, CDRI, Lucknow 9. Dr. Bijay Kumar, BHU, Varanasi 10. Mr. Pankaj Sharma, CDRI, Lucknow 11. Dr. Jyotiranjana Acharya, DRDE, Gwalior 12. Ms. Sonia Gera, NIPER, Hyderabad 13. Ms. Neha Hura, NIPER, Mohali 14. Ms. Divya Thomas, University of Madras, Chennai. 15. Dr. Baljinder Grewal, CSIR-NCL, Pune
11.35 – 11.55	TEA/COFFEE BREAK
Session VI - Biochemical Targets	
Chairpersons: Prof. U. N. Dwivedi (India) & Prof. Anthony James Hickey (USA)	
Venue: CDRI auditorium	
Facilitator: Dr. Mrigank Srivastava; contact +91 8853258888; mrigank_srivastava@cdri.res.in	
11.55 – 12.30	Plenary Lecture by Prof. Martin Scheffner (Germany) <i>Title: The ubiquitin-conjugation system and its role in human disease.</i>
12.30 – 13.00	Prof. Rajendra Prasad (India) <i>Title: Multidrug transporters in clinical drug resistance.</i>
13.00 – 13.30	Dr. Sabine Amslinger (Germany) <i>Title: Chemical reactivity tuning for drug development.</i>
13.30 – 14.30	LUNCH
Session VII - Malaria	
Chairpersons: Dr. S. K. Puri & Prof. Eileen Devaney (Scotland)	
Venue: CDRI auditorium	
Facilitator: Niti Kumar, contact no. 9565612288; niti.kumar@cdri.res.in	
14.30 – 15.05	Plenary Lecture by Prof. B. L. Tekwani (USA) <i>Title: Chiral switches for new drug discovery: Molecular pharmacology and safety of 8-aminoquinoline antimalarials.</i>
15.05 – 15.35	Dr. Saman Habib (India) <i>Title: Protein translation and [Fe-S] cluster biogenesis in organelles of the malaria parasite.</i>
15.35 – 15.55	TEA / COFFEE BREAK

Session VIII - Chemical Tools	
Chairpersons: Dr. David A. Wink Jr. (USA) & Dr. Anne Nijs (Germany)	
Venue: Auditorium	
Facilitator: Dr. Maddi Sridhar Reddy; contact no. +91 7897582222; msreddy@cdri.res.in	
15.55 – 16.30	Plenary lecture by Prof. Koichi Kato (Japan) <i>Title: Structural views of functional glycans of pharmaceutical interest.</i>
16.30 – 17.00	Prof. Dr. Burkhard König (Germany) <i>Title: Synthesis and control of bioactive molecules using visible light.</i>
17.00 – 17.30	Prof. Manabu Abe (Japan) <i>Title: Design and synthesis of a new chromophore with two-photon absorption property, 2-(4-nitrophenyl) benzofuran, and its application to two-photon uncaging reaction using near IR light.</i>
17.30 – 19.00	POSTER SESSION
20.00 onwards	DINNER (CSIR-CDRI Lawn)
28th February, 2016	
Session IX - CVS and CNS Disorders	
Chairpersons: Prof. Klaus Theodor Wanner (Germany) & Prof. U. K. Misra (India)	
Venue: CDRI auditorium	
Facilitator: Dr. Aamir Nazir, contact no. +91 9198472865; aamir_nazir@cdri.res.in	
09.00 – 09.35	Plenary Lecture by Prof. Howard S. Kruth (USA) <i>Title: Atherosclerosis and macrophage deposition of extracellular cholesterol: Elucidation of mediators and inhibition by probucol.</i>
09.35 – 10.05	Dr. Anil K. Chauhan (USA) <i>Title: Genetic ablation of extra domain A of fibronectinin hypercholesterolemic mice improves stroke outcome by reducing thrombo-inflammation.</i>
10.05 – 10.35	Prof. Stephen Husbards (UK) <i>Title: Opioid polypharmacology: Towards treatments for drug abuse, depression and pain.</i>
10.35 – 11.05	Prof. Lesley Marson (USA) <i>Title: Challenges facing drug development for urological disorders in healthy individuals and after neurological damage.</i>
11.05 – 11.25	TEA / COFFEE BREAK
Session X - Leishmaniasis	
Chairpersons: Prof. Manabu Abe (Japan) & Dr. Suman Rijal (DNDi, India)	
Venue: CDRI auditorium	
Facilitator: Dr. Mrigank Srivastava; contact +91 8853258888; mrigank_srivastava@cdri.res.in	

11.25 – 12.00	Plenary Lecture by Prof. Hira L. Nakhasi (USA) <i>Title: Ufm1 mediated protein modification pathway as drug target in the human protozoan parasite Leishmania donovani.</i>
12.00 – 12.30	Prof. Louis Maes (Belgium) <i>Title: Genomic and molecular characterization of miltefosine resistance in Leishmania infantum strains with either natural or acquired resistance through experimental selection at intracellular amastigote level.</i>
12.30 – 13.00	Prof. Rosa M. Reguera (Spain) <i>Title: A drug discovery “ex vivo” platform against visceral leishmaniasis.</i>
13.00 – 14.00	LUNCH
Session XI – Tuberculosis Chairpersons: Prof. Surya Kant (India) & Prof. Rosa M. Reguera (Spain) Venue: CDRI auditorium Facilitator: Dr. Namrata Rastogi, contact no. +91 9670258538; namrataiit@gmail.com	
14.00 – 14.40	Keynote lecture by Prof. Mone Zaidi (USA) <i>Title: Genes, diseases and new medicines.</i>
14.40 –15.10	Prof. Anthony James Hickey (USA) <i>Title: Inhaled aerosols for the treatment of infectious disease.</i>
15.10 – 16.30	VALEDICTORY FUNCTION & PRIZE DISTRIBUTION Facilitator: Dr. Aamir Nazir (+91 9198472865)
16.30	HIGH TEA