



International Symposium on Global Trends in Health, Technology and Management (GTHTM-2024) (15-17 March 2024)

Organized by

Global Health Techno-Management Forum (GHTMF)
Global Institute of Pharmaceutical Education and Research (GIPER), Kashipur, and
Veer Madho Singh Bhandari Uttarakhand Technical University, Dehradun

Program Schedule

15 March 2024 (Day 1)

REGISTRATION	
Time	Program
14:00-16:00	Registration
INAUGURAL SESSION	
16:30	Arrival of Chief Guest (Hon'ble Governor, Uttarakhand)
16:30-16:35	Guard of Honour by NCC Cadets
16:35-16:40	Garlanding of statue of Veer Madho Singh Bhandari and Wall of Heroes
16:40	Arrival in Auditorium
16:40-16:41	National Anthem
16:41-16:42	Lamp Lighting & Saraswati Vandana
16:42-16:44	University Kulgeet
16:44-16:45	Presentation of bouquet and release of e-souvenir
16:45-16:50	Welcome by Vice Chancellor, VMSB Uttarakhand Technical University, Dehradun
16:50-16:55	Dr. Anil Kumar Saxena, Chairman, GIPER: Tribute to Dr. Nityanand and Dr. V.P. Kamboj
16:55-17:00	Brief speech by Dr. Soniya Nityanand, Vice Chancellor, King George Medical University, Lucknow
17:00-17:05	Brief speech by Dr. Omer Saka, Health Economist and Business Development expert, Switzerland

17:05-17:25	Address by the Chief Guest Hon'ble Governor, Uttarakhand
17:25-17:27	Presentation of Memento to Dignitaries
17:27-17:29	Vote of Thanks by The Registrar of VMSBUTU, Dehradun
17:29-17:30	National Anthem
17:30-17:50	High Tea
Scientific Session –I	
Chairpersons: Prof. Dr. Onkar Singh and Prof. Dr. Anil Kumar Saxena	
17:55-18:25	Keynote lecture: Dr Soniya Nityanand, Hon'ble Vice Chancellor, KGMU, Lucknow
18:30-19:00	Prof. Dr. Gunda Georg, USA: The male pill: Are we there yet?
19:10-20:30	Cultural programs

16 March 2024 (Day 2)

Scientific Session –II		
Chairpersons: Prof. Dr. Athina Geronikaki and Prof. Dr. Vineet Kumar		
Time	Speaker	Title
09:00- 09:20	Prof. Dr. Om Prakash, USA	Conquering the neutrophil-A tale of novel neutrophil serine protease inhibitors
09:20-09:40	Prof. Dr. Diwan Singh Rawat, India	Navigating the expected and unexpected twists and turns of lead optimization: The discovery of clinical candidate for the treatment of Parkinson's disease
09:40-10:00	Prof. Dr. Dmitry Druzhilovskiy, Russia	WAY2DRUG: Efficient prediction of biological activities from global to local scales
10:00- 10:20	Prof. Shubhra Ghosh Dastidar, India	Allosteric changes in proteins: Earning extra miles of understanding from MD simulations
10:20- 10:40	Coffee/Tea Break	
Scientific Session –III		
Chairpersons: Prof. Dr. Diwan Singh Rawat and Dr. Aaruni Saxena		
10:40- 11:00	Dr. Alok K. Saxena, India	Technology life cycle – concept to commissioning
11:00- 11:20	Mr. Naveen Pralhad Deshpande	Leveraging digital technology for public health emergency preparedness: A multi-level perspective
11:20– 11:40	Dr. Rahul Singhal, India	Heart problems in community
11:40– 12:00	Dr. Omer Saka, Switzerland	Digitalization in healthcare
12:00– 12:10	Dr. Amit Roy	Ritonavir enhances the efficacy of amprenavir in combination in clinically isolated <i>Leishmania</i> parasites
12:10– 14:00	Poster session I and lunch	

	Committee for poster session assessment: Dr. Anshuman Dixit (Chairman), Dr. Gyan Prakash Modi, Dr. Shubhra Ghosh Dastidar, Dr. Amit Roy	
Scientific Session –IV		
Chairpersons: Prof. Dr. Arun Sinha and Prof. Dr. Indira Ghosh		
14:00 –14:20	Prof. Athina Geronikaki, Greece	Pyrazolo[4,3-c]pyridine sulfonamides as carbonic anhydrase inhibitors:synthesis, biological and <i>in silico</i> studies
14:20 –14:40	Dr. Sanjay Batra, India	Development of biased KOR agonist for managing chronic pain
14:40 –15:00	Dr. Anshuman Dixit, India	Identification of targeted therapeutics against oral squamous cell carcinoma
15:00 –15:20	Dr. Aaruni Saxena, UK	ONCORx: A digital App for cancer treatment planning
15:20-15:40	Mr. Atul Tripathi, India	Quantum computing and machine learning for drug discovery
15:40 –16:00	Tea/coffee break	
Scientific Session –V (online session)		
Chairpersons: Dr. Sanjay Batra and Dr. Rakesh Shukla		
16:00– 16:20	Prof. B. Jayaram, India	The many facets of AI/ML along genome to drug pathway
16:20- 16:40	Dr. Marjan Vracko, Slovenia	'Big and small data' in computational modelling of toxicological endpoints
16:40– 17:25	Dr. Subhash C. Basak, USA and Dr. R. Natarajan, India	Numerical characterization of enantiomers and diastereomers for Quantitative Chiral Structure-activity Relationship (QCSAR) Modeling
17:25– 17:35	Dr. Indrani Bera, India	Proteolysis pattern of plant seed proteins; insight from the endogenous peptidome of germinated and ungerminated chickpeas using LC-MS/MS.
17:35– 17:45	Dr. Madhumita Dandopath Patra, India	Comparative analysis of ligand binding and role of metal ion in lectins using docking studies
17:45– 17:55	Ms. Asha Gummadi, India	Applications of artificial intelligence in the pharmacy sector
Scientific Session –VI (Oral presentation session)		
Chairpersons: Prof. Dr. Deepak Teotia and Prof. Dr. Yusra Ahmad		
17:55– 18:05	Ms. Rishita Dey, India	Docking-based experimental approach examining the effectiveness of nano-formulations as diabetes therapeutics
18:05– 18:15	Ms. Sudatta Dey, India	Nano-phytocompound combats food-additive induced genotoxicity and mitochondrial dysfunction in the diabetic model: an <i>in silico</i> predicted experimental study
18:15–18:25	Ms. Sweta Bharadwaj, India	Xenobiotic-induced obesity associated male reproductive tract dysfunction in <i>Drosophila</i>

18:25– 18:35	Mr. Mayank Kumar Khede, India	Innovative approaches to climate-resilient healthcare: Harnessing the power of pharmacy
18:35- 18:45	Mr. Jeevan Patra, India	Structural binding modes and optimizations of dual falcipain inhibitors using computational approaches
18:45– 18:55	Mrs. Shivani Lodha, India	To determine the prevalence of psychotic illness in targeted population
Online poster session Chairperson: Dr. Asmita Samadder		
18:55 -19:00	Mrs. Aparna Joshi	Optimizing solubility through co-crystal technology: A rigorous investigation into tablets loaded with azelnidipine co-crystals
19:00 –19:05	Ms. Sarita	Comperative studies of some common FDA approved drugs against human and fungal protein
19:05 –19:10	Ms. Priyanka Tomar	Exploring the potential of herbal nanosponges in combating the skin infections
19:10 –19:15	Dr. Pradeep Pilania	Modeling of the cyclic guanidines as 5-HT _{5A} receptor ligands using chemometric tools

17 March 2024 (Day 3)

Scientific Session –VII Chairpersons: Dr. Alok Saxena and Prof. Dr. Dmitry Druzhilovskiy		
9:00 – 9:20	Prof. Dr. Indira Ghosh, India	Strategy to combat persistent Tuberculosis: Entrapment of the flow of substrate in the non-essential pathway
9:20 – 9:40	Prof. Dr. Prasad V. Bharatam, India	The importance of 3D thinking in anti-bacterial agent discovery
9:40 - 10:00	Prof. Dr. Anil Kumar Saxena, India	Quantitative Structure Interaction Activity Relationship (QSIAR): a novel approach to drug design: a case study of anti-tubercular agent
10:00 - 10:20	Prof. Dr. Arun K. Sinha, India	Green- and Click-Chemistry: An opportunity for simplification and innovation towards natural and nature-inspired synthetic small molecules of biological and commercial importance
10:20 - 10:40	Dr. Asmita Samadder, India	Strategic formulation and evaluation of nano-insulin in combating arsenic-induced hyperglycemia in mice model.
10:40- 10:55	Dr. Gyan Prakash Modi, India	Development of natural template-based novel diagnostic and theranostic agents and their formulation development for Alzheimer's disease
10:55-11:10	Dr. Avik Kumar Bagdi, India	Visible-Light-Mediated synthesis of functionalized heterocycles
11:10 -11:25	Dr Sisir Nandi, India	Structure-based exploration of common food additives to combat chromosomal aberration

11:25 - 11:40	Dr Kuldeep Roy, India	Elucidation of the binding modes of known small-molecule inhibitors at mycobacterial ATPase synthase subunits <i>C</i> and <i>E</i>
11:40– 11:50	Dr. Smriti Arora, India	A designer diet for astronauts using the microbiome based approach
11:50 -12:00	Tea/Coffee break	
12:00 -12:45	Panel discussion (Moderator: Dr. Aaruni Saxena)	How to build a resilient health system from drug development to healthcare delivery in a resource-scarce setting? Panelists: Dr. Omer Saka, Dr. Anil Kumar Saxena, Dr. Suman Singhal
12:45- 13:15	Valedictory session, award ceremony and vote of thanks	
13:15– 14:00	Lunch and dispersal	