

November 09, 2017

8.00-9.15	Registration Golden Jubilee Hall, Panjab University, Chandigarh
9.20-10.30	Inauguration Golden Jubilee Hall, Panjab University, Chandigarh
10.30-11.00	High Tea
11.00-13.00	Plenary Lectures-Session I Golden Jubilee Auditorium Chairperson: Umesh Banakar, K K Srivastava
11.00-11.40 (PL-1)	MILK EXOSOMES - A PLATFORM NANOCARRIER IN DRUG DELIVERY Ramesh Gupta Professor, University of Louisville Medical School, Kentucky, USA
11.40-12.20 (PL-2)	A SINGLE LONG-ACTING NANO-MEDICINAL PLATFORM TECHNOLOGY CONTAINING 3 ANTI-HIV DRUGS Rodney JY Ho Professor, University of Washington, USA
12.20-13.00 (PL-3)	BREACHING COMPLEX BIOLOGICAL BARRIERS USING INNOVATIVE NANOSTRUCTURED SYSTEMS FOR IMPROVED DRUG THERAPEUTICS Kamalinder K Singh Professor, UCLAN, Lanchester, UK
13.00-14.00	LUNCH (Lawns of Golden Jubilee Auditorium) Poster Session-I, Golden Jubilee Lawns
14.00-15.30	Nanomedicine & NanoBioMedicine-I Venue: Golden Jubilee Auditorium Chairperson: Jagat Kanwar, Rupinder Tewari
14.00-14.25 (KN)	AFFORDABLE NOVEL AND NANOSTRUCTURED DRUG DELIVERY SYSTEMS N Udupa Professor and Director, Research, Manipal University, Manipal, INDIA
14.25-14.45 (IL)	SELF-NANO EMULSIFYING DRUG DELIVERY SYSTEMS FOR ORAL DRUG DELIVERY Sanyog Jain Associate Professor, Pharmaceutics, NIPER, Mohali, INDIA
14.45-15.05 (IL)	DEVELOPMENT OF BIOCOMPATIBLE AND BIODEGRADABLE NANOCOMPOSITE MATERIAL-BASED FUNCTIONAL PROTOTYPES FOR ORTHOPEDIC APPLICATIONS

	<p align="center">Rupinder Singh Khalsa Professor, Guru Nanak Dev Engg. College, Ludhiana, INDIA</p>
15.05-15.20 (IL)	<p align="center">FORMULATION AND EVALUATION OF POLYMERIC NANOPARTICLES FOR TREATMENT OF DEMENTIA Dimple Sethi Chopra Assistant Professor, Punjabi University, Patiala, INDIA</p>
15.20-15.30 (OP)	<p align="center">DESIGN OF KETOCONAZOLE CONTAINING LIPIDIC NANOCARRIER LOADED TOPICAL DELIVERY SYSTEM USING QBD APPROACH FOR EFFECTIVE TREATMENT OF FUNGAL INFECTION Gautam Singhvi, Saswata Banerjee, Archana Khosa</p>
14.00-15.30	<p align="center">Nanomedicine & NanoBioMedicine-II Venue: ICSSR Complex Chairpersons: Ramesh Gupta, Sanjay Chibber</p>
14.00-14.30 (KN)	<p align="center">STABILITY AND SUB-CHRONIC TOXICITY STUDIES ON ASCORBIC ACID NANOPARTICLES Farhath Khanum Professor, DRDO, DFRL Department, Mysore, INDIA</p>
14.30-14:50 (IL)	<p align="center">NANOCRYSTALLIZATION STRATEGIES FOR THE DELIVERY OF PHARMACEUTICAL DRUGS Prem Felix Siril Associate Professor, Indian Institute of Technology, Mandi, INDIA</p>
14:50-15:10 (IL)	<p align="center">NAPA-HPN'S NANOCAPSULES: SUSTAINED DELIVERY OF IMMUNOMODULATORY DRUGS AND ADJUVANT PROPERTIES Pradip Paik Associate Professor, University of Hyderabad, INDIA</p>
15.10-15.20 (OP)	<p align="center">ENHANCEMENT OF BRAIN TARGETING AND BIOAVAILABILITY FOR CEREBRAL MALARIA THROUGH INTRANASAL ADMINISTRATION OF ARTEMETHER MICROEMULSION Mansi Uday Paradkar</p>
15.20-15.30 (OP)	<p align="center">HYPER CROSS-LINKED NANO COLLOIDAL STRUCTURES FOR DELIVERY OF CLOBETASOL-17-PROPIONATE: <i>IN VITRO</i> AND <i>IN VIVO</i> CHARACTERIZATION, STABILITY, PHOTODEGRADATION STUDIES Rekha Rao, Sunil Kumar</p>
15.30-15.45	TEA
15:45-17:45	<p align="center">Nanotech Applications in Health, Environment and Energy Venue: Golden Jubilee Auditorium Chairpersons: Uma Batra, Anupama Sharma</p>

15.45-16.15 (KN)	<p>ADVANCED NANOMATERIALS FOR FUEL CELL APPLICATIONS</p> <p>D Arivuoli Professor, Crystal Growth Centre, Anna University, Chennai, INDIA</p>
16.15-16.35 (IL)	<p>NANOSCIENCE-ASSISTED SYNTHESIS OF ELECTROCERAMICS USED IN COMMUNICATION TECHNOLOGY</p> <p>Anand K Tyagi Professor, SBS State Technical Campus, Firozpur, INDIA</p>
16.35- 16.55 (IL)	<p>EXPLORING CYTOTOXIC AND APOPTOTIC POTENTIAL OF <i>APHANAMIXIS POLYSTACHYA</i> IN HUMAN BREAST CANCER CELLS</p> <p>Rajashree Gude Associate Professor, Goa College of Pharmacy, Goa, INDIA</p>
16.55-17.05 (OP)	<p>ROLE OF NANOTECHNOLOGY IN ORAL BIOAVAILABILITY ENHANCEMENT OF DRUGS SUSCEPTIBLE TO HEPATIC FIRST PASS METABOLISM</p> <p>Hetal Thakkar</p>
17.05-17.15 (OP)	<p>NANOSTRUCTURE CARRIERS FOR DRUG DELIVERY: CHARACTERIZATION AND ITS APPLICATIONS FOR BIOAVAILABILITY ENHANCEMENT AND TARGETED THERAPY</p> <p>Asha Patel</p>
17:15-17:25 (OP)	<p>QbD APPROACH FOR INCLUSION OF DASATINIB IN INORGANIC MESOPOROUS NANOPARTICLES WITH IMPROVED DISSOLUTION, STABILITY AND CYTOTOXICITY CONSIDERATION</p> <p>Nasir Vadia, Sadhana Rajput</p>
17.25-17.35 (OP)	<p>INTEGRIN TARGETING PEPTIDE MEDIATED DELIVERY OF ANTICANCER DRUGS USING BIOPOLYMER-BASED NANOPARTICLES</p> <p>Hitesh Kulhari</p>
17:35-17:45 (OP)	<p>MANNOSYLATED GELATIN NANOPARTICLES FOR EFFECTIVE DELIVERY OF RIPAMPICIN</p> <p>Gaurav Kant Saraogi, G P Agrawal, N K Jain</p>
15:45-17:45	<p>Nanotech Applications in Health and Energy Venue: ICSSR Complex Chairpersons: Monica Gulati, SK Tripathi</p>
15.45- 16.10 (KN)	<p>NANOSCIENCE AND NANOTECHNOLOGY IN HEALTHCARE</p> <p>Lalit M Bharadwaj Professor & Vice President, Amity University, Uttar Pradesh, INDIA</p>
16.10- 16.35 (KN)	<p>ROLE OF NANOTECHNOLOGY FOR INNOVATIVE ENERGY SOLUTIONS</p> <p>V K Jindal Professor, Bio & NanoTechnology, GJUST, Hisar, INDIA</p>

16.35- 16.55 (IL)	<p>ROLE OF NANOPHYTOESTROGENS IN THE TREATMENT OF NEURODEGENERATIVE DISORDERS</p> <p>Prasad Neerati Associate Professor, Kakatiya University, Warangal, INDIA</p>
16:55-17.15 (IL)	<p>SOLID LIPID NANOPARTICLES: A NOVEL APPROACH FOR THE MANAGEMENT OF TOPICAL FUNGAL INFECTIONS</p> <p>Tejal A Mehta Professor, Nirma University, Ahmedabad, INDIA</p>
17.15-17.25 (OP)	<p>DESIGN , DEVELOPMENT AND EVALUATION OF TOPICAL LIPOSOMES FOR TREATMENT OF SKIN DISEASES</p> <p>Manju Kamra, Anupama Diwan, Satish Sardana</p>
17.25-17.35 (OP)	<p>SOLUBILITY ENHANCEMENT OF GLIMEPIRIDE USING SOLUPLUS: FORMULATION AND EVALUATION OF NANOCOMPOSITES</p> <p>Manju Nagpal, Tanu Chauhan, Sandeep Arora</p>
17.35-17.45 (OP)	<p>BIOAVAILABILITY ENHANCEMENT OF ANTIDEPRESSANT DRUG: NOSE TO BRAIN DELIVERY APPROCHES</p> <p>Jagruti Prajapati, Yamini Patel</p>
18.45-20.00	Cultural Program (University Auditorium)
20.00-21.30	DINNER (Lawns of Golden Jubilee Auditorium)

November 10, 2017

09.00-11.10	<p align="center">Plenary Talks-Session II Golden Jubilee Auditorium Chairpersons: Lakshmi Kotra, Kamalinder K Singh</p>
09.00-09.40 (PL-4)	<p align="center">NANOTECHNOLOGY-BASED DRUG DELIVERY SYSTEM: INDUSTRIAL OPPORTUNITIES AND FEDERAL PERSPECTIVE Umesh Banakar Professor and Consultant, Banakar Consulting Services, USA</p>
09.40-10.30 (PL-5)	<p align="center">PROMISES OF NANOMEDICINE-BASED TARGETED THERAPEUTICS IN CANCER AND OCCULAR INJURY Jagat R Kanwar Professor, Deakin University, AUSTRALIA</p>
10.30-11.10 (PL-6)	<p align="center">BRIDGED SILSESQUIOXANES: HYBRID SILICA FOR APPLICATIONS IN NANOMEDICINE Michel Wong Chi Man Professor, ICG Montpellier, FRANCE</p>
11.10 - 11.30	TEA
11.30-12.50	<p align="center">Industry-Academia Session Venue: Golden Jubilee Auditorium Chairperson: OP Katare, Sukhjeet Singh</p>
11.30-12.00 (KN)	<p align="center">ACADEMIC PERSPECTIVES OF INDUSTRY COLLABORATIONS IN NANOMEDICINE AND DRUG DISCOVERY Lakshmi P Kotra Professor, University of Toronto, CANADA</p>
12.00-12.30 (KN)	<p align="center">ENABLING POLICY FOR DRUG DISCOVERY AND DEVELOPMENT IS QUINTESSENTIAL: DOS AND DON'TS FOR ECONOMIC VIABILITY OF SCIENTIFIC PURSUITS J N Verma Managing Director, Lifecare Innovations, Gurgaon, INDIA</p>
12.30- 12.40 (IL)	<p align="center">APPLICATIONS AND IMPLICATIONS OF NANOTECHNOLOGY IN PHARMACEUTICAL TECHNOLOGY Prabhakar Reddy Veerareddy Professor, Palamuru University, Mahabubnagar, INDIA</p>
12.40- 12.50 (OP)	<p align="center">CLINICALLY USEFUL APPLICATIONS OF NANOMEDICINES: A BIRDS EYE VIEW PERSPECTIVE Biresk Kumar Sarkar, Sanjiv Kumar, Dharmendra Ahuja</p>
11.30-13.00	<p align="center">Nanostructured Systems in Drug Delivery Venue: ICSSR Complex Chairperson: Arvind Bansal, Kanwaljit Chopra</p>
11.30-12.00 (KN)	<p align="center">BIOACTIVE AND DRUG RELEASING NANOFIBERS FOR BIOMEDICAL APPLICATIONS</p>

	<p style="text-align: center;">K C Gupta Professor, Indian Institute of Technology, Roorkee, INDIA</p>
12.00-12.20 (IL)	<p style="text-align: center;">NANOCARRIER APPROACH IN DERMAL DRUG DELIVERY: IMPORTANT CONSIDERATIONS TO DEVELOP CLINICALLY EFFECTIVE FORMULATION Subjeet Kumar Jain Professor, Guru Nanak Dev University, Amritsar, India</p>
12.20-12.30 (OP)	<p style="text-align: center;">TAILORING NANOSCALE DEFECTS IN EPITAXIAL HETEROSTRUCTURES THROUGH SUBSTRATE SURFACE MANIPULATION Sunil Kumar Arora, Igor Shvets</p>
12.30-12.40 (OP)	<p style="text-align: center;">DRUG ENCAPSULATED SINGLE AND MIXED PEO-PPO-PEO BLOCK COPOLYMERIC MICELLES: ROLE OF HYDROPHILES Rakesh Sharma, Sofiya Shaikh, Debes Ray, Vinod K Aswal</p>
12.40-12.50 (OP)	<p style="text-align: center;">COMBATING CANCER WITH POLYMERIC HERBAL NANOMEDICINES Kiran Kumar Tejavath, Hemlata, Anuradha</p>
12.50-13.00 (OP)	<p style="text-align: center;">PRODUCTION OF NANO-FES ANCHORED GRAPHENE FROM SEAWEED: SUPER-ADSORBENT FOR LEAD AND DYES Ramavatar Meena, Jai Prakash Chaudhary, Ashesh Mahto, Anshu Kumar, Madhuri Bhatta</p>
13.00-14.00	<p style="text-align: center;">LUNCH (Lawns of Golden Jubilee Auditorium) Poster Session-II, Golden Jubilee Lawns</p>
14:00-15:30	<p style="text-align: center;">Synthesis & Characterization of Nanomaterials & Nanoparticles-I Venue: Golden Jubilee Auditorium Chairperson: Michael Wong Chi Man, Swaranjit Singh</p>
14.00-14.30 (KN)	<p style="text-align: center;">BIOINSPIRED NANOSTRUCTURES: A NOVEL REALM FOR DRUG DELIVERY Vandana B Patravale Professor, Institute of Chemical Technology, Mumbai, INDIA</p>
14.30-14.50 (IL)	<p style="text-align: center;">ELASTIC LIPOSOMES-MEDIATED TRANSDERMAL IMMUNIZATION OF MSP-1₁₉ AND CHIMERIC MSP-FU₂₄ PROTEIN CONFERS PROTECTION AGAINST <i>P. FALCIPARUM</i> Rajeev Tyagi Associate Professor, Nirma University, Gujarat, INDIA</p>
14.50-15.00 (OP)	<p style="text-align: center;">THIOL TETHERED IRON NANO-COMPOSITE FOR ARSENIC SORPTION APPLICATION: AN APPROACH TOWARDS COMMERCIALIZATION Kalpana Chauhan, Prem Singh</p>
15.00-15.10 (OP)	<p style="text-align: center;">CHARACTERIZATION OF BIODEGRADABLE NANOPARTICLES FOR ENCAPSULATION OF NATURAL MOLECULES Ramdhan Yadav, Sudesh Kumar Yadav, Navneet Agnihotri</p>

15.10-15.20 (OP)	<p>FLUORESCENT NANOPROBES TO DETECT REACTIVE NITROGEN SPECIES: A REVIEW</p> <p>Vishal Mutreja, Shweta Sareen, SK Mehta</p>
15.20-15.30 (OP)	<p>ELECTROCHEMICAL APTASENSOR BASED ON GOLD NANOPARTICLE AND CARBON NANOTUBE EMBEDDED 3-GLYCIDOXYPROPYL TRIMETHOXY SILANE FOR DETERMINATION OF OCHRATOXIN</p> <p>Nirmal Prabhakar, Tanu Johar, Himkusha Thakur</p>
14:00-15:30	<p>Synthesis & Characterization of Nanomaterials & Nanoparticles-II</p> <p>Venue: ICSSR Complex</p> <p>Chairperson: Keya Dharamvir, Praveen Rishi</p>
14.00- 14:30 (KN)	<p>PIPERINE-LOADED PEG-PLGA NANOPARTICLES: PREPARATION, CHARACTERIZATION AND TARGETED DELIVERY FOR BREAST CANCER CHEMOTHERAPY</p> <p>Prahlad C Ghosh</p> <p>Professor & Head, University of Delhi, New Delhi, INDIA</p>
14.30-14.50 (IL)	<p>COMPUTATIONAL SIMULATION AND INHIBITION OF SEWAGE COLIFORMS IN BIOFILMS AND PLANKTONIC FORM BY BIOGENIC SILVER NANOPARTICLES (AgNPs)</p> <p>Surajit Debnath</p> <p>Head, Women's Polytechnic, Tripura, INDIA</p>
14.50-15.00 (OP)	<p>ULTRA-SENSITIVE CHEMOSENSING OF 2,4-DINITROTOLUENE (DNT) USING INTERPENETRATED MOF-5</p> <p>Pawan Kumar, Kumar Vikranta, Ki-Hyun Kim</p>
15.00-15.10 (OP)	<p>PAPER BASED SMART AND VERSATILE NANOPLATFORM FOR SENSING AND DIAGNOSTICS</p> <p>Alok Pandya</p>
15.10-15.20 (OP)	<p>DEVELOPMENT OF INTRANASAL EXENATIDE PLGA NANOPARTICLES BY FULL FACTORIAL DESIGN (3³) IN TREATMENT OF OBESITY</p> <p>Tosha Pandya, Ambikanandan Misra, Rajashree Mashru</p>
15.20-15.30 (OP)	<p>DEVELOPMENT AND ASSESSMENT OF QUANTUM DOT-DOPED SILICA NANOPARTICLES FOR CANCER DETECTION</p> <p>Gurpal Singh, Indu Pal Kaur, Ashish Suttee, Udit Soni, Rajiv Kumar, Sameer Sapra, Harpal Singh, Bhupinder Singh</p>
15:30-16:15	Panel Discussion
16:15-17:30	Valedictory Session & Awards (Golden Jubilee Complex)