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Medical Nanotechnology
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September 03-04, 2018 Tokyo, Japan
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Welcome Message

On behalf of the Organizing Committee Member, I would like to welcome you as distinguished guests to attend the 16th World Medical Nanotechnology Congress which will be held in the wonderful city of Tokyo, Japan during September 03-04, 2018. "In Pursuit of High Quality Public Health and Health Care" main topic, the conference provides a platform for many multi-disciplinary academicians to share their views. Medical Nanotechnology 2018 meeting will be staffed with organizers with many professional attributes of great quality, and the selected venue will allow conference speakers and attendees opportunities to engage in collaborative efforts while learning more about some of the current trends and research practices applied to address factors relative to Medical Nanotechnology. The World Medical Nanotechnology 2018 meeting has extended global outreach efforts to invite speakers and attendees from many nations around the world, who have an opportunity to witness the results of quality research efforts provided by attending world renowned leading scientists, engineers, directors of companies in the field of 'Nanotechnology, Biomedical Engineering, Medicine and Pharmaceuticals, science, electronics, Agriculture etc.' to exchange information on their latest research progress. The main theme of the conference is "Future Challenges and Advanced Innovations in Nanotechnology" which covers a wide range of critically important sessions. Your presence and deliberation will make this congress remarkably successful in all aspects of Healthcare Management.

I look forward to share our experiences in working with our partners toward these objectives here in Tokyo at the Medical Nanotechnology 2018 Conference.

Jasmin Keith
Program Manager, Conference Series llc LTD
Medical Nanotechnology 2018

Welcome Message



Prof. Dr. Hussein Ammar
Chairman,
Department of Pharmaceutics
and Pharmaceutical Technology,
Future University in Egypt

Today, nanotechnology plays a key role in many fields of our daily lives. Recent advances in nanotechnology offer opportunities for the development of innovative and promising applications in fields ranging from electronics to medicine. Expectations for nanomedicine applications are high, and research targeting numerous applications for nanocarriers is well underway. Applications of nanotechnology in areas of drug delivery and therapy has the potential to revolutionize the treatment of many diseases, providing significant opportunities and new perspectives for novel and effective treatments in many disorders with great potential in healthcare. Finally, I would like to throw a strong beam of light on an important fact, that is, nanotechnology is a technology that every government including developing nations should invest in to bring about improvement in healthcare.

I look forward to share our experiences in working with our partners toward these objectives here in Tokyo at the Medical Nanotechnology 2018 Conference.

Media Partners



















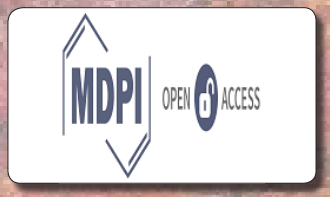














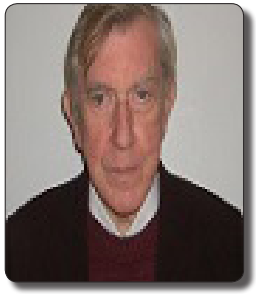








Organizing Committee Members



Thomas Prevenslik
QED Radiations,
Hong Kong



Hussein Osman Ammar
Future University, Egypt



Shaker Mousa
Pharmaceutical Research Institute, USA



D.Nagasamy Venkatesh
JSS College of Pharmacy,
India



O.L.Shanmug-asundaram
K.S.Rangasamy College of Technology, India



T.THEIVASANTHI
Kalasalingam University,
India



Alireza Heidari
California South University,
USA



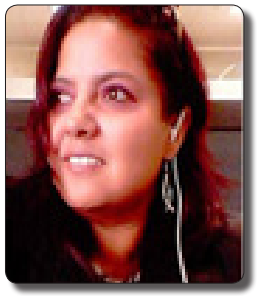
Kar Seng Teng
Swansea University,
United Kingdom



Amit Banerjee
Shizuoka University,
Japan



Haruo Sugi
Teikyo University School of Medicine, Japan



Rangel-Vázquez
Technological Institute of Aguascalientes, Mexico

Oral Presentations

Title: Recent Applications of Nanotechnology in Advanced Drug Delivery Systems

Hussein O Ammar, Future University, Egypt

Title: Nanoparticles and DNA damage

Thomas Prevenslik, QED Radiations, Hong Kong

Title: Impact of Nanomedicine on the Future of Medicine: The Road Toward Precision Medicine/Case Studies MS/MS)

Shaker A Mousa, The Pharmaceutical research Institute, ACPHS,Albany, USA

Title: Advanced Drug Delivery: Nano-targeted delivery for Therapeutic and Imaging

Shaker A Mousa, The Pharmaceutical research Institute, ACPHS,Albany, USA

Title: Myosin head power stroke does not obey predictions based on the swinging lever arm mechanism of muscle contraction

Haruo Sugi, Teikyo University School of Medicine, Japan

Title: Medicine distribution, regulatory privatisation, social welfare services and its alternatives

Abdeen Omer,Occupational Health Administration, Ministry of Health and Social Welfare,Khartoum, Sudan

Title: E-BABE- Use of Nano-plates for Detection of Pathogenic Bacteria in Water Tubes

Ahmed Mokhtar Ramzy, faculty of agriculture at Cario University, Egypt

Title: Confined Nanoscale geometries to enhance sensitivity of Plasmonic Immunoassays

Rishabh Rastogi, Institute of Science and Technology, Belvaux, Luxembourg

Title: Protamine conjugated Fluorochromes: A New Photosensitizer for Photodynamic Tumor Therapy Response: Role of PI3/Akt Signaling Pathway

Hoonsung Cho, Chonnam National University, South Korea

Title: Single-walled carbon nanotubes as sensors of reactive species: Potential therapeutic implications

Debabrata (Dev) Mukhopadhyay, Mayo Clinic College of Medicine and Science,Florida , USA

Title: Amphiphilic Chitosan Nanocarriers, a Novel Platform for Oral Delivery of Hydrophobic Drugs

Marjan Motiei, Royan Institute for Biotechnology, Isfahan, Iran

Title: Preparation and properties of Polymeric nanofiber containing polyamidoamin as wound dressingsAnimals

Mohammad Mirjalili, Islamic Azad University, Iran

Title: Epirubicin-loading Fluorescent Q Virus-Like Particles Incorporated with CED for Brain Tumor Therapy

Hao-Han Pang, Institute of Biomedical Sciences, National Sun Yat-sen University, Taiwan

Title: A novel solid self-emulsifying delivery system (SEDS) for the encapsulation of linseed oil and quercetin: Preparation and evaluation

Juan Huang, Southeast University, China

Title: Cellulose acetate/poly (vinyl alcohol) hybrid nanofibers containing tetracycline hydrochloride and phenytoin sodium: morphology, drug release, antibacterial and cell culture studies

Mohammad Mirjalili, Islamic Azad University, Iran

Title: Improving liposomal cisplatin formulation: What we have learned after 4 year studies

Seyedeh Hoda Alavizadeh, Biotechnology Research Center, Nanotechnology Research Center, School of Pharmacy, Mashhad University of Medical Sciences, Mashhad, Iran.

Title: Antimicrobial Ag/a-C: H nanocomposite coated titanium substrates for implant applications

Monica Thukkaram, Ghent University, 9000 Ghent, Belgium

Title: Exploitation of conducting polymers as bio-medical sensor

Shrikrishna P Yawale, Dept. of Physics, Institute of Science, Mumbai, INDIA

Title: Development of self-assembled nano carriers for colon cancer

Dr. Erumalla Venkatanagaraju, Assistant Professor, Christ University, India.

Title: Design of nanorobotics based on flexible FePd nanohelix for cancer treatment

Minoru Taya, University of Washington, USA

Speaker Slots Available

Posters

Title: Antioxidant Enzyme Activities of Infantile and Adult Female Rats after Neonatal Administration of Poly (ethylene glycol)-block-poly (lactic acid) Nanoparticles

Monika Dvo□áková, Comenius University, Slovakia

Title: A novel bonding method for the nanochannels based on PDMS spincoating

Zhifu Yin, Jilin University, China

Title: The convergence of technologies, generates convergence in the regulations

Guillermo Valdes Mesa, Havana University Center Biomaterial, Cuba

Title: Formulation of Fluconazole as Topical Antifungal Gels by Microsponge based Delivery Systems

V. Rama Mohan Gupta, Pulla Reddy Institute of Pharmacy, India

Title: Hollow polymeric nanoparticles to enhance drug chemotherapeutic efficacy

López-Romero, University of Málaga, Spain

Title: Chemotherapeutic activity of silybin liposomes combined with Doxil in TUBO breast cancer cell bearing mice

Fatemeh Gheybi, Mashhad University of Medical Sciences, Mashhad, Iran

Title: Magnetofection: The Use of Cationic Lipid-like Materials with Magnetic Core for Gene Delivery

Victoria Uvarova, National University of Science and Technology MISiS, Russia

Title: Nanopositioning of Supramolecular Ligands on DNA Origami for Multivalent Protein Recognition

Michael Erkelenz,, 1University Duisburg-Essen, Physical Chemistry, Germany.

Poster Slots Available

Tentative Agenda

DAY-01 September 03

Time	Session
08:30-9:30	Registrations
09:30-12:00	Keynote Forum
Group Photo	
12:00-12:15	Network & Refreshments Break*
12:15-14:00	Nanomedicine |DNA Nanotechnology |Nanoelectronics and Biomedical Devices | Nano Pharmaceuticals
14:00-14:45	Lunch Break**
14:45-16:00	Cancer Nanotechnology |Polymer Nanotechnology | Nanotoxicity
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Bio-Nanomaterials and Tissues Engineering | Environment, Health and Safety Issues | Recent developments in Nanotechnology and Nanoscience
18:00-18:30	Video Presentation
Day Concludes	

DAY-02 September 04

Time	Session
08:30-09:30	Registrations
09:30-10:30	Keynote Forum
10:30-11:30	Nano Biotechnology | Regulatory Aspects towards Approval of Nanomedicine |Nanotechnology in Water Treatment
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Materials Science and Engineering | Advanced Nanomaterials | Carbon Nanotechnology Nanomedicine Applications | Nano Particles
13:00-13:45	Lunch Break**
13:45-16:00	Nanotechnology Products and Markets | Green Nanotechnology |Graphene and 2D Materials- New Materials for the 21st Century
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Poster Presentations
Day Concludes	

Previous Speakers



Abdel Salam H Makhlouf
University of Texas Rio Grande Valley, USA



Agnes Bonvilain
University of Grenoble Alpes , France



Amalraj Fabian Davamani
International Medical University, Malaysia



Amit Banerjee
Shizuoka University., Japan



Anthony William Coleman
University of Tokyo, Japan



B Deva Prasad Raju
Sri Venkateswara University, India



Davide Prosperi
University of Milano-Bicocca, Italy



Elena O Nasakina
Russian Academy of Sciences , Russia



Fawad ur Rehman
Southeast University, China



Hoonsung Cho
Chonnam National University, South Korea



Hussein O Ammar
Future University,Egypt, Egypt



I B Vijayalakshmi
Bangalore Medical College and Research Institute. , India



Jessica Armida Bertolini
University of Milano-Bicocca, Italy



Jinn P Chu
National Taiwan University of Science and Technology, Taiwan



K S Meena
Queen Mary's College, India



Kai A Carey
University of Arkansas for Medical Sciences, USA



Keka Sarkar
Universiy of Kalyani, India



M Suriyavathana
Periyar University, India

Previous Speakers



Mahi R Singh
Western University, Canada



Marta Perez-Lloret
Università degli Studi di Catania , Italy



Miranda N Hurst
Kansas State University, USA



Miriam Colombo
University of Milano-Bicocca, Italy



Imran Aslan
Bingol University Turkey



Morteza Sagharjoghi
National Kaohsiung Normal University Taiwan



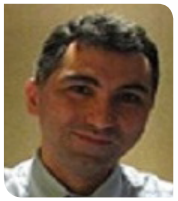
N John Sushma
Sri Padmavati Women's University, India



Peng-Sheng Wei
National Sun Yat-Sen University, Taiwan



Preenan Pillay
University of KwaZulu-Natal, South Africa



Ramin Banan Sadeghian
Tohoku University, Japan



Robert K DeLong
Kansas State University, USA



S Kamran Kamrava
Iran University of Medical Sciences, Iran



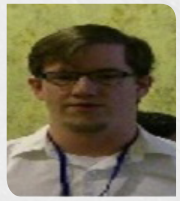
Shaker A Mousa
Albany College of Pharmacy and Health Sciences, USA



Shizhen Chen
Chinese Academy of Sciences, China



Stoyan Sarg Sargoytchev
World Institute for Scientific Exploration, USA



Walter Harrington
University of Arkansas at Little Rock, USA



Wendy N Phoswa
University of KwaZulu-Natal, South Africa



Woo Jung Shin
Sungkyunkwan University, South Korea

Glimpses of past conference





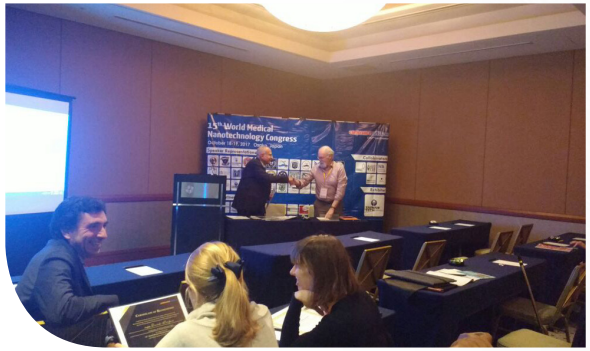




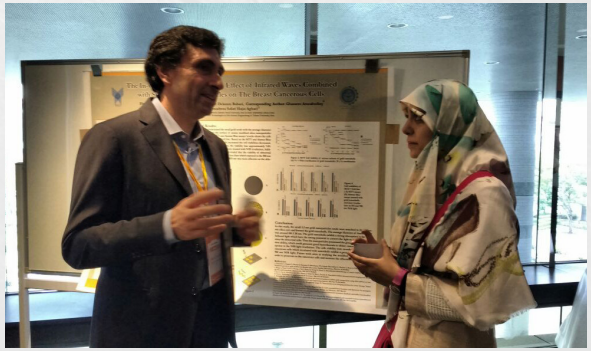


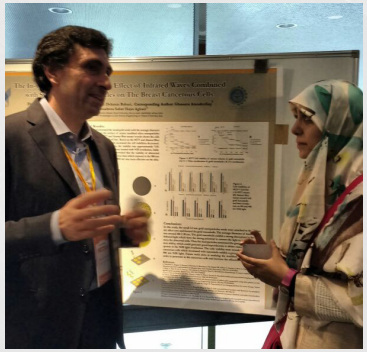












Tourist Attractions

















Venue

Tokyo officially Tokyo Metropolis, is the capital of Japan and one of its 47 prefectures. The Greater Tokyo Area is the most populous metropolitan area in the world. It is the seat of the Emperor of Japan and the Japanese government. Tokyo is in the Kantō region on the southeastern side of the main island Honshu and includes the Izu Islands and Ogasawara Islands. Formerly known as Edo, it has been the de facto seat of government since 1603 when Shogun Tokugawa Ieyasu made the city his headquarters. It officially became the capital after Emperor Meiji moved his seat to the city from the old capital of Kyoto in 1868; at that time Edo was renamed Tokyo. Tokyo Metropolis was formed in 1943 from the merger of the former Tokyo Prefecture and the city of Tokyo. Tokyo is often referred to as a city, but is officially known and governed as a "metropolitan prefecture", which differs from and combines elements of a city and a prefecture, a characteristic unique to Tokyo. The Tokyo metropolitan government administers the 23 Special Wards of Tokyo (each governed as an individual city), which cover the area that was the City of Tokyo before it merged and became the metropolitan prefecture in 1943. The metropolitan government also administers 39 municipalities in the western part of the prefecture and the two outlying island chains. The population of the special wards is over 9 million people, with the total population of the prefecture exceeding 13 million. The prefecture is part of the world's most populous metropolitan area with upwards of 37.8 million people and the world's largest urban agglomeration economy.The city hosts 51 of the Fortune Global 500 companies, the highest number of any city in the world. Tokyo ranked third in the International Financial Centres Development IndexEdit. The city is also home to various television networks such as Fuji TV, Tokyo MX, TV Tokyo, TV Asahi, Nippon Television, NHK and the Tokyo Broadcasting System.

You'll fall in love with Tokyo



Venue:
Radisson Hotel Narita
650-35 Nanae Tomisato-Shi,
Narita 286-0221 Tokyo, Japan

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