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16th World Medical Nanotechnology Congress

September 03-04, 2018 Tokyo, Japan



200+	15+	10+	50+	3+	10+	B2B
Participation	Interactive Sessions	Keynote Lectures	Plenary Lectures	Workshops	Exhibitors	Meetings

https://medicalnanotechnology.conferenceseries.com/

Welcome Message



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.

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

Media Partners









































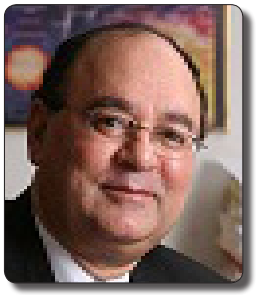
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Thomas Prevenslik
QED Radiations
Hong Kong



Hussein Osman Ammar
Future University, Egypt



Shaker Mousa
Pharmaceutical Research Institute, USA



D.Nagasamy Venkatesh
JSS College of Pharmacy, India



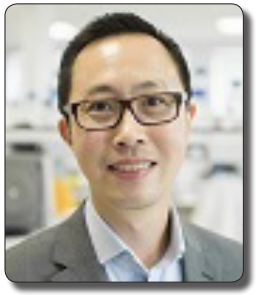
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K.S.Rangasamy College of Technology
India



T.Theivasanthi
Kalasalingam University, India



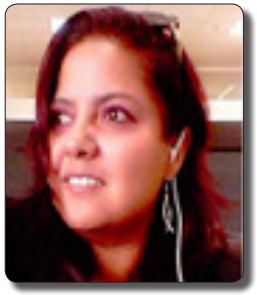
Haruo Sugi
Teikyo University School of Medicine, Japan



Kar Seng Teng
Swansea University,
United Kingdom



Amit Banerjee
Shizuoka University, Japan



Rangel-Vázquez
Technological Institute of Aguascalientes, Mexico



Sumit Kumar Gupta
Parishkar College of Global of Excellence, India



Dimitrios H. Roukos
Ioannina University, School of Medicine, Greece

Day 1 September 03, 2018

09:00-09:45 **Registrations**

Conference Hall

conferenceseries.com **09:45-10:00 Opening Ceremony**

Keynote Forum

10:00-10:45 **Title: Recent applications of nanotechnology in advanced drug delivery systems**

Hussein O Ammar, Future University, Egypt

10:45-11:30 **Title: Design of nano-robotics based on flexible FePd nano-helix for cancer treatment**

Minoru Taya, University of Washington, USA

Group Photo

Networking and Refreshments Break: 11:30-11:50 @ Foyer

Session:
Cancer Nanotechnology | Nano Pharmaceuticals | DNA Nanotechnology

Session Introduction

Session Chair: Hussein O Ammar, Future University, Egypt

11:50-12:25 **Title: Single-walled carbon nanotubes as sensors of reactive species: Potential therapeutic implications**

Debabrata Mukhopadhyay, Mayo Clinic College of Medicine and Science, USA

12:25-13:00 **Title: Protamine conjugated fluorochromes: A new photosensitizer for photodynamic tumor therapy**

Hoonsung Cho, Chonnam National University, Republic of Korea

Lunch Break: 13:00-14:00 @ California Restaurant

Session:
Polymer Nanotechnology | Materials Science and Engineering | Nanomedicine Applications

Session Introduction

Session Chair: Thomas Prevenslik, QED Radiations, Hong Kong

14:00-14:30 **Title: Nano-fibers of poly (vinyl alcohol co-vinyl acetate) as novel scaffold for mammalian cell culture and controlled drug delivery**

Francisca Villanueva Flores, National Autonomous University of Mexico, Mexico

14:30-15:00 **Title: Study of room-temperature superconductors**

Sumit Kumar Gupta, Parishkar College of Global Excellence, India

15:00-15:30 **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

Networking and Refreshments Break: 15:30-15:50 @ Foyer

15:50-16:20	**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
16:20-17:00	**Title: Tumor-Vasculature-on-a-Chip for studying transport of nanoparticles** **Haofei Wang**, The University of Queensland, Australia

Panel Discussion

Day 2 September 04, 2018

Conference Hall

Keynote Forum

10:00-10:50	**Title: Nanoparticles and DNA damage** **Thomas Prevenslik**, QED Radiations, Hong Kong
10:50-11:40	**Title: Myosin head power stroke does not obey predictions based on the swinging lever arm mechanism of muscle contraction** **Haruo Sugi**, Teikyo University, Japan

Networking and Refreshments Break: 11:40-12:00 @ Foyer

Session:
Nano Biotechnology | Nanomedicine | Carbon Nanotechnology

Session Introduction

Session Chair: Haruo Sugi, Teikyo University School of Medicine, Japan

12:00-12:30	**Title:Golden treatment for blindness: The use of gold nanoparticles as an enhanced-drug delivery system in age-related macular degeneration** **Umesh Manni**, University of Liverpool School of Medicine, UK
12:30-13:00	**Title: Preparation and properties of polymeric nano-fiber containing polyamidoamine as wound dressings** **Mohammad Mirjalili**, Islamic Azad University of Yazd, Iran

Lunch Break: 13:00-14:00 @California Restaurant

Poster Presentations @ 14:00-15:00

MN-01	**Title: Nano-fibers of poly (vinyl alcohol co-vinyl acetate) as novel scaffold for mammalian cell culture and controlled drug delivery** **Francisca Villanueva Flores**, National Autonomous University of Mexico, Mexico
MN-02	**Title: Antioxidant Enzyme Activities of Infantile and Adult Female Rats after Neonatal Administration of Poly (ethylene glycol)-block-poly(lactic acid) Nanoparticles** **Monika Dvořáková**, Comenius University, Slovakia
MN-03	**Title: Green Synthesis of Silver Nanoparticles for Nanomedicine: the next Breakthrough in Oncology** **Steven M Mufamadi**, Nabio Consulting (Pty) Ltd, South Africa

MN-04	**Title: A novel bonding method for the nanochannels based on PDMS spincoating** **Zhifu Yin**, Jilin University,China
MN-05	**Title: The convergence of technologies, generates convergence in the regulations** **Guillermo Valdes Mesa**, Havana University Center Biomaterial, Cuba
MN-06	**Title: Formulation of Fluconazole as Topical Antifungal Gels by Microsponge based Delivery Systems** **V. Rama Mohan Gupta**, Pulla Reddy Institute of Pharmacy, India
MN-07	**Title: Hollow polymeric nanoparticles to enhance drug chemotherapeutic efficacy** **JM López-Romero**, University of Málaga, Spain
MN-08	**Title: Chemotherapeutic activity of silybin liposomes combined with Doxil in TUBO breast cancer cell bearing mice** **Fatemeh Gheybi**, Mashhad University of Medical Sciences, Iran
MN-09	**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
MN-10	**Title: Nanopositioning of Supramolecular Ligands on DNA Origami for Multivalent Protein Recognition** **Michael Erkelenz**, University Duisburg-Essen, Germany
MN-11	**Title: Protamine/carboxymethyl dextran based nano-adjuvant for co-delivery CpG oligonucleotides and EV71 inactivated vaccine against hand, foot and mouth disease** **Hao Liang**, Beijing University of Technology, China
Session: **Nano Particles | Nanoelectronics and Biomedical Devices | Nano Biotechnology**	
15:00-15:30	**Title: Biosynthesis of copper nanoparticles by using aloe barbadensis leaf extracts and study of application in Congo red (acid red 28) dye removal** **Madiha Batool**, Govenment College University, Pakistan
Networking and Refreshments Break: 15:30-15:50 @ Foyer	
15:50-16:20	**Title: Medicine distribution, regulatory privatization, social welfare services and its alternatives** **Abdeen Omer**, Ministry of Health and Social Welfare, Sudan
16:20-16:50	**Title: :Use of nano-plates for detection of pathogenic bacteria in water tubes** **Ahmed Mokhtar Ramzy**, Cairo University, Egypt
16:50-17:20	**Title: Carbon nanotubes in cancer diagnosis and therapy** **Badis Bendjemil**, University of Badji Mokhtar, Algeria
Panel Discussion Awards & Closing Ceremony	

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



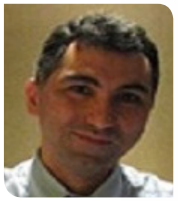
N John Sushma
Sri Padmavati Women's University, India



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



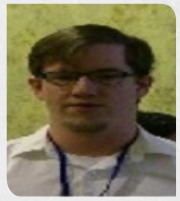
Shaker A Mousa
Albany College of Pharmacy and Health Sciences, USA



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





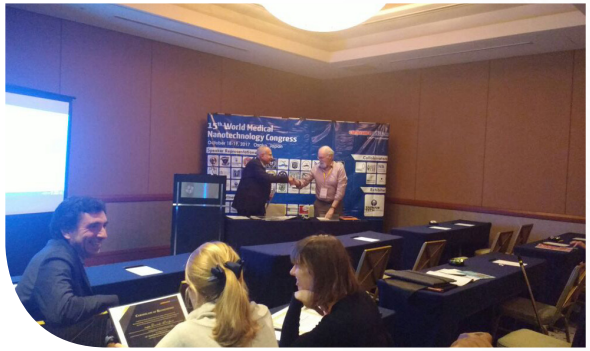




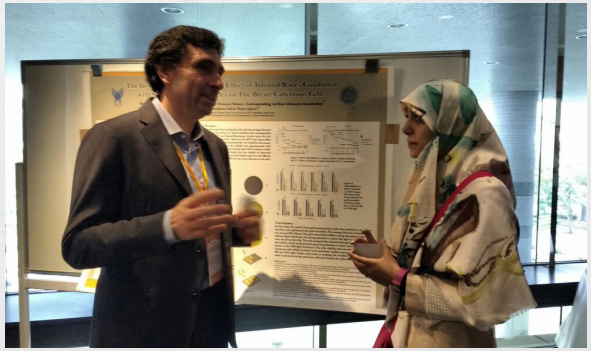


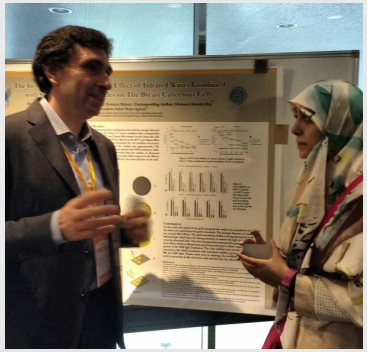












Tourist Attractions

















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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