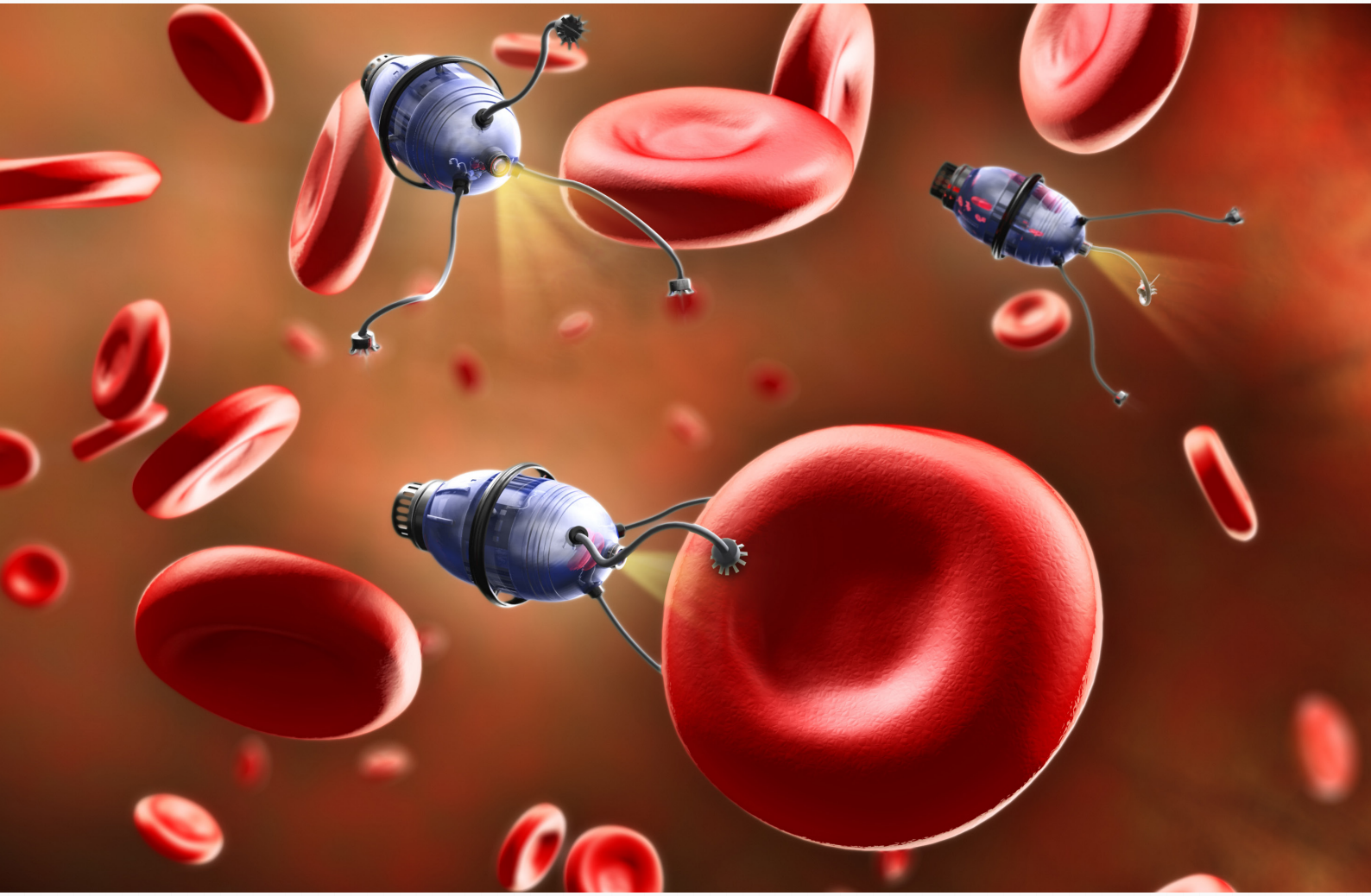
Program

15th World Medical Nanotechnology Congress

October 18-19, 2017 Osaka, Japan

Theme: Advances of Nanomedicine in diagnosis theranostics



Seating is Limited
Register Today!

Conference Secretariat
2360 Corporate Circle, Suite 400 Henderson
NV 89074-7722, USA
Conference Series
Direct: (702) 508-5200 Ext: 8083
Tel: +1 (800) 216 6499
Email: medicalnano@nanotechconferences.org
jasminkeith999@gmail.com

Welcome Message



Welcome Message Medical Nanotechnology 2017

Dear colleagues and friends,

As a Keynote Speaker and Organizing Committee Member, it is my great pleasure to welcome you to attend the Medical Nanotechnology 2017 congress during October 18-19, 2017 in the beautiful city of Osaka which was the capital of Japan before the move to Tokyo.

The Medical Nanotechnology conference will highlight key topics in Nanotechnology, biotechnology and their applications in various areas of health care. The conference will highlight assembly, characterization and scale up of various types of Nanoparticles including: Hydrophobic and hydrophilic polymeric nanoparticles; Lipid Nano Carriers; Dendrimers; Carbon (nanotubes, fulerenes, graphenes) nanomaterials; Metal Oxide Nanoparticles; Metallic nanoparticles; Quantum dots; and other types of nanoparticles. Additionally, characterization of pharmaceutical and biopharmaceutical Nano-carriers, and scale-up and manufacturing aspects will be discussed. Furthermore, specific delivery systems, multifunctional systems for combined delivery, bio-sensing and diagnostic, and targeting including site specific drug delivery, targeting and gene therapy, Imaging, Molecular Diagnostics and targeted treatment will be highlighted.

We are looking forward to see you in Osaka, Japan

Regards,

Shaker A. Mousa, PhD, MBA, FACC, FACB

Vice Provost for Research & Professor of Pharmacology
Albany College of Pharmacy and Health Sciences

Chairman & Executive Vice President
The Pharmaceutical Research Institute
USA

Welcome Message



Welcome Message Medical Nanotechnology 2017

Welcome message to the participants of the 15th Medical Nanotechnology Congress in Osaka, Japan

It is great honor to express my welcome to all authors, attendees and guests of this international event. We came from different parts of the world to obtain new useful information in the medical branch of nanotechnology.

Nanomedicine is a rapidly developing field of biomedical research.

Why nanotechnology with its many branches is so prospective? Despite the diversified applications, the nanotechnology branches have an important common trend – a tendency to reach and design things at atomic scale. In this aspect, a deeper understanding of the atoms as the building blocks in nature is necessary. Some nanostructures, for example, exhibit new properties that are not predictable by the existed so far theoretical models. It is well known that quantum mechanical models by definition work only with energy levels. A further knowledge about the real dimensions of the atoms with their three-dimensional shape and preferable bond directions of their connections will be quite useful in nanotechnology. How can we obtain such knowledge? The accumulated for more than one century experimental data in particle physics, nuclear physics, condensed matter and other fields forms an enormous data base. Now, the information highway makes this data base accessible by many scientists in the world. The attempts for reexamination of some earlier adopted theoretical concepts and their correction if necessary, must not be ruled out. This is not only my opinion. Such a challenge might be in favor of further advancement in our knowledge besides the branches of nanotechnology.

Welcome to the 15th Medical Nanotechnology Congress and have a very fruitful time while attending this great event.

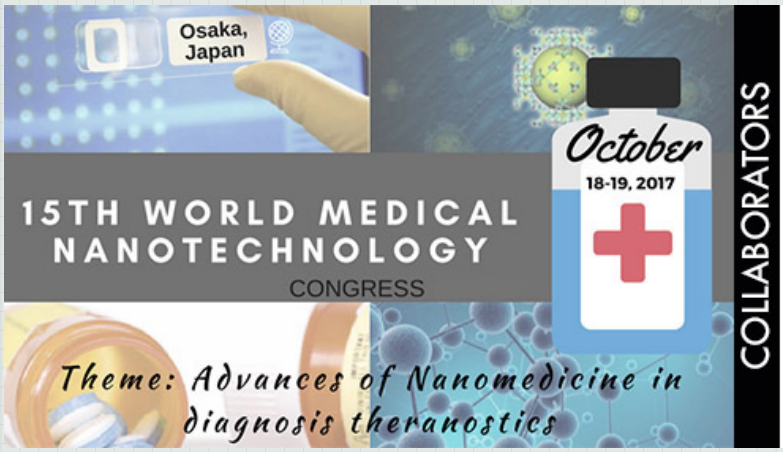
Dr. Stoyan Sarg Sargoytchev

World Institute for Scientific Exploration,
USA

Keynote Speakers



Collaborators





Media Partners



Tentative Scientific Program

Keynote Presentations
Title: Impact of Nanobiotechnology on the Future of Medicine (Nanomedicine): The Road toward Precision Medicine
Shaker A. Mousa, Professor, Vice Provost, Executive Vice President, and Chairman, USA
Title: Advanced Drug Delivery: Nano-targeted delivery for Therapeutic and Imaging
Shaker A. Mousa, Professor, Vice Provost, Executive Vice President, and Chairman, USA
Title: New Trends in Nanotechnology-Based Targeted Drug Delivery
Dr. Hussein O Ammar, Future University, Cairo, Egypt
Title: Making the Hospital a Safer Place by the Sonochemical Coating of the Textiles with Antibacterial Nanoparticles
Dr. Aharon Gedanken, Department of Chemistry, Bar-Ilan University, Isarel.
Title: Atlas of Atomic Nuclear Structures According to the BSM-Supergravitation Unified Theory
Stoyan Sarg Sargoytchev, World Institute for Scientific Exploration, USA
Title: Using the BSM-SG atomic models and their physical properties for modeling and analysis in sub-nanometric scale
Stoyan Sarg Sargoytchev, World Institute for Scientific Exploration, USA
Scientific Sessions
Title: Evaluation of Medicine Distribution, Regulatory Privatisation, Social Welfare Services and its Alternatives
Dr. Abdeen M. Omer, Occupational Health Administration, Ministry of Health, Khartoum, Sudan.
Title: Synthetic wastewater treatment using metal oxide doped TiO2 nanocatalysts
B. Shahmoradi (Ph.D.) Environmental Health Research Center, Deputy of Education, Faculty of Health Kurdistan University of Medical Sciences, Sanandaj, Kurdistan, Iran.
Title: Dependence of in vivo tumor homing, localization and therapeutic effect of colloidal nanoparticles on the number of attached antibodies
Dr. Davide Prosperi, Head of the NanoBioLab, University of Milano-Bicocca, Italy
Title: Oral nanocarrier for insulin colon delivery
Dr. Miriam Colombo, Assistant Professor of Clinical Biochemistry, University of Milano-Bicocca, Italy
Title: Sperm boat: Genetic boat which will help you to increase sperm motility and provide barrier to the sperm
Deep Patel, Crimea State Medical University, Russia
Title: Plasmonic Photothermal Inactivation of Escherichia coli and Bacillus cereus using Polymer Coated Gold Nanoparticle.
Heba ElSayed ElZorkany, Nanotechnology and Advanced Materials Central Lab. (NAMCL), Agriculture Research Center (ARC), Egypt
Title: Using the BSM-SG atomic models and their physical properties for modeling and analysis in sub-nanometric scale
Stoyan Sarg Sargoytchev, World Institute for Scientific Exploration, USA
Title: Nano- Radiopharmaceutical for solid tumors treatment
Navideh Aghaei Amirkhizi PhD, Science and Research Branch, Islamic Azad University, Iran
Title: Evaluation of medicine distribution, regulatory privatisation, social welfare services and its alternatives
Abdeen Omer, PhD, OHA, Sudan
Title: Nanoporous Gold in 2D and 3D forms **Applications in Ultrasensitive Electrochemical Superoxide Biosensing**
Ramin Banan Sadeghian, WPI-AIMR Tohoku University, Sendai 980-8577, Japan

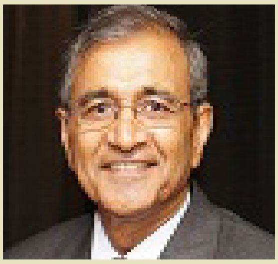
Title: Development and Characterization of Environmentally Friendly High Performance Polymeric Nanocomposite Blends of Cellulose Acetate, Poly(Lactic acid) and Polyurethane
Sara Ayman Moustafa, The American University in Cairo, Nanotechnology Program, NEW CAIRO, Egypt
Title: Investigating of (NANO-ChiCo) drug include Solid Lipid Nanoparticles and E,laciniata, C,Longa on the inflammatory diseases" at Medical Nanotechnology 2017
Dr. Akbar Vaseghi, Ardabil Branch,Islamic Azad University, Iran
Title: Curcuminnanoformulation as potential nanomedicinal approach for effective cancer therapy at Medical Nanotechnology 2017
Dr. KekaSarkar,Universiy of Kalyani, India.
Title: Bioanalytical method development, validation & pharmacokinetics study of 5-Fluorouracil loaded nanoparticles at Medical Nanotechnology 2017
Dr. SaurabhSrivastava,Medical University, Lucknow, UP, India.
Title: Facile and green synthesis of biodegradable gold nanodandelions for potential simultaneous CT imaging and radiotherapy at Medical Nanotechnology 2017
Dr. Yao-Chen Chuang,National Health Research Institutes, Taiwan.
Title: Thin Film Metallic Glass: A Promising Coating for Biomedical Applicationsat Medical Nanotechnology 2017
Dr. Jinn P. Chu, National Taiwan University of Science and Technology, Taiwan.
Title: Shape Controlled synthesis of CoFe2O4 Magnetic Nanostructures for Ultrasensitive Molecular Imaging at Medical Nanotechnology 2017
Dr. HiraFaitama, Kangwon National University, Republic of Korea.
Title: Nano-biomaterials for water treatment technologyat Medical Nanotechnology 2017
Dr. S.P. Suriyaarj, Indian Institute of Technology Madras, India.
Title: Modulation of the immune system by carbon nanoparticlesat Medical Nanotechnology 2017
Dr. Rajiv K Saxena, South Asian University, India.



Organizing Committee Members



Shaker Mousa
Executive Vice President and Chairman
Pharmaceutical Research Institute
USA



Bharat Bhushan
Director
The Ohio State University
USA



Mary Mehrnoosh Eshaghian Wilner
Professor
University of Southern California
USA



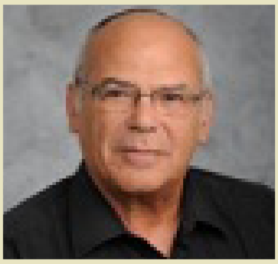
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Future University in Egypt
Egypt



Der-Jang LIAW
Chair Professor
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Science and Technology
Taiwan



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Bar-Ilan Institute of
Nanotechnology and Advanced
Materials (BINA), Israel



Hicham Fenniri
Professor
The Northeastern Supramolecular
Nanomaterials Lab
USA



Why to Attend???

Meet Your Target Market with members from around the world focused on learning about Nanotechnology and Nanomedicine, this is your single best opportunity to reach the largest assemblage of participants from the Nano and medicinal community. Conduct demonstrations, distribute information, meet with current and potential Scientists, make a splash with a new research, and receive name recognition at this 2-day Medical Nanotechnology 2017 Congress. World-renowned speakers, the most recent techniques, tactics, and the newest updates in Pharmaceutical Sciences fields are hallmarks of this conference.

Abstract Information: Oral / Poster Presentation Guidelines

Oral Presentations are generally split into TWO categories, as follows:

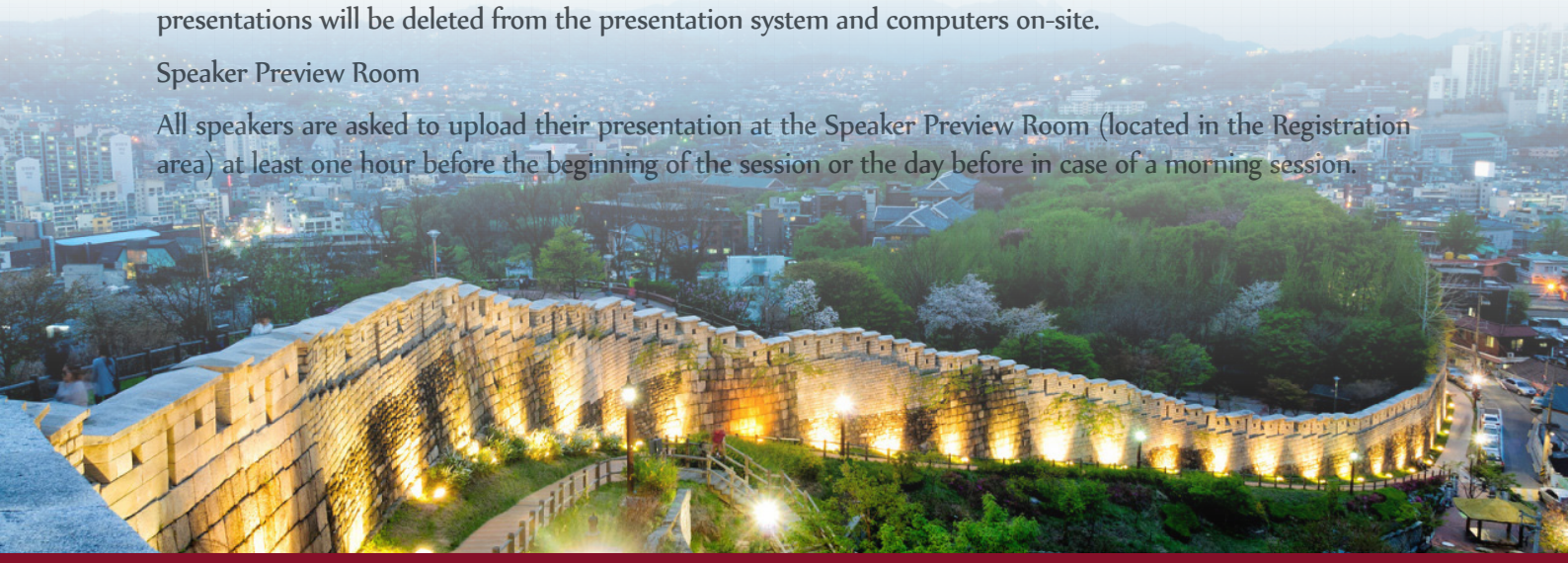
1. Plenary Lectures
   - Each Plenary lecture is 25 minutes in length and comprises one presentation. We recommend you plan to present for approximately 20 minutes with 5 minutes for questions/discussion.
   - Where Plenary Lectures are presented as debates, each of two speakers should plan to present for 20 minutes, allowing five minutes for closing questions and conclusions. We recommend that invited speakers communicate in advance of the Moderator so that presentations may be coordinated.
2. Oral Sessions
   - Each Oral Session is 60 minutes in length and comprises two presentations, of 30 minutes each. We recommend that you plan to present for approximately 15 minutes, allowing time for questions/discussion at the end of the presentation.

Please prepare you presentation in 16:9 format (screen are in format 16:9). We recommend you to save your PowerPoint presentation using PPT(X) format instead of PPS.

A technician is available in every session room to provide assistance when needed. Due to the online presentation system, all speakers are kindly requested to use provided PC onsite. Please be present in the session room 15 minutes prior the start of your session and follow the instructions from the Chairs and/or technician. During your presentation a remote control will be available for controlling your presentation. Please observe the time allotted to you as you will not be permitted to speak for longer time. At the end of the Congress, all presentations will be deleted from the presentation system and computers on-site.

Speaker Preview Room

All speakers are asked to upload their presentation at the Speaker Preview Room (located in the Registration area) at least one hour before the beginning of the session or the day before in case of a morning session.



Young Researchers Forum

The Young Researchers Forum offers young researchers the possibility to meet and discuss research topics and methodologies, share and develop ideas, learn from each other and gain knowledge from senior researchers.

Young Researcher Sessions are organized at the Med Pharma Congress, to provide a unique platform for Young Researchers/Investigators for presenting latest research projects with an in-depth analysis. Young Investigators (e.g. Post-Graduate students, Post-doctoral fellows, Trainees, Junior faculty) are the focus of this event. Participants should be below the age of 33 years. All submissions must be in English.

The prize winning papers will be considered for publication in the international journals once the paper is subjected to standard review procedures.

For further information please contact: medicalnano@nanotechconferences.org

Registration Information

How To Register

Website: www.medicalnanotechnology.conferenceseries.com

Registration Fees

- Early Registration Fee: $699.00
- Regular Registration Fee: $799.00
- Late Registration Fee: $899.00
- Group Discount: Register three or more attendees and receive $50.00 off per person
- Student Registration: 249$
- Young Researchers Forum Fee: 499$

Accommodations

Hyatt Regency Osaka
1-13-11 Nanko-Kita, Suminoe-Ku
Osaka, Japan 559-0034.

Cancellation Policy

Cancellations must be received in writing 60 days prior to the meeting and are subject to a $100 processing fee. Refunds will not be granted after August 18, 2017, nor will they be given for no-shows. Please email cancellations to medicalnano@nanotechconferences.org

To make reservations and ensure that you will have a hotel room at the same location as the conference, please choose your package and register at www.medicalnanotechnology.conferenceseries.com/registration.php

Stay Connected Before, During and After the Event!

Program

Day 1: October 18, 2017

Opening Ceremony

Conference Souvenir Launch

New Perspective frontiers in the area of Drug Design & Drug Formulation

Keynote Forum (& Exhibitions Full day)

(Panel discussions and Reviews)

Coffee Break: Networking & Refreshments

Group Photo

Speaker Forum

Sessions Chair's Introduction

Session 1: Nanomedicine

Session 2: Nanoelectronics and Biomedical Devices

Session 3: DNA Nanotechnology

Session 4: Drug Delivery and Therapeutics, Cancer Nanotechnology

Session 5: Advanced Nanomaterials, Polymer Nanotechnology, Nanotoxicity,Biosensors, Diagnostics and Imaging

Panel discussions and Reviews

Lunch Break

Young Research Forum

(Panel discussions and Reviews)

Coffee Break: Networking & Refreshments

B2B Meetings

Certificates Felicitation by the organizing Committee

Day 2: October 19, 2017

Introduction

Keynote Forum (& Exhibitions Full day)

(Panel discussions and Reviews)

Coffee Break: Networking & Refreshments

Speaker Forum

Sessions Chair's Introduction

Session 6: Bio-Nanomaterials and Tissues Engineering

Session 7: Environmental Safety, Nanotechnology in Life Sciences & Medicine, Recent developments in Nanotechnology and Nanoscience

Session 8: NanoBio Technology, Nanotechnology and Cosmetics, Nanomedicine and Nanopharmaceuticals, Anatomy and Physiology, Diagnostic Techniques in Dermatology

Session 9: Nanotechnology in Cardiovascular Medicine, Medical Nanotechnology Health care, Nanotechnology for Pediatric Medicine, 1D, 2D and 3D Nanomaterials

Panel discussions and Reviews

Young Research Forum

(Panel discussions and Reviews)

Lunch break

Speaker Sessions (Cont...)

Poster Sessions Evaluation by the Committee

Refreshments

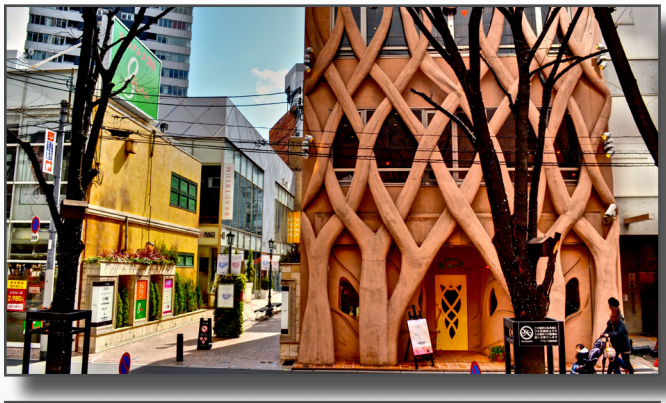
Award Ceremony

Felicitation of the best poster awards

Closing Ceremony



City Attractions















About Osaka

Osaka is the second largest metropolitan area in Japan and serves a major economichub. Historically a merchant city, Osaka has also been known as the "Nation's Kitchen". Witha population of 2.5 million, Osaka is Japan's third largest and second most important city. It hasbeen the economic powerhouse of the Kansai region for many centuries. The city's west side hasthe main port as well as a tourist destination with attractions such as Kyocera Dome, UniversalStudios Japan, Osaka aquarium, Minami, Osaka castle, Umeda sky building and the TempozanHarbour Village.

Osaka is known for its food, both in Japan and abroad. Author Michael Boothand food critic François Simon of Le Figaro have both suggested that Osaka is the food capitalof the world. Osaka's culinary prevalence is the result of a location that has provided access tohigh quality ingredients, a high population of merchants, and close proximity to the ocean andwaterway trade. In recent years, Osaka has started to garner more attention from foreigners withthe increased popularity of cooking and dining in popular culture.

