



The  
**ICONIC MEETINGS**  
.....Meet Influential People.....

International Experts Summit on

## Biomedical Engineering and Systems

March 11-13, 2025 | Singapore

### Day 1 (March 11, 2025), GMT+00:00

08:30-09:00	<b>REGISTRATIONS</b>
09:00-09:25 (Featured)	<b>Title:</b> Interplay between Immune and Bacterial Cells on a Biomimetic Surface <b>Richard Bright</b> , Flinders University, Australia
09:25-09:55 (Keynote)	<b>Title:</b> Mechanical Engineering in Healthcare <b>Andrew Choi</b> , Hanyang University, South Korea
09:55-10:25 (Keynote)	<b>Title:</b> Comparative Analysis of LED-based and Laser-based Photobiomodulation <b>Wen-Lian Hsu</b> , Asia University, Taiwan
10:25-11:00 (Plenary)	<b>Title:</b> Perovskite – A Wonder Material for Solar Cells <b>Shengzhong (Frank) Liu</b> , Chinese Academy of Sciences, China
11:00-11:30 (Keynote)	<b>Title:</b> Techniques of Applied Mechanical Engineering and Artificial Intelligence in Understanding Biological Processes <b>Abhishek Bansal</b> , New Era Consultancy Services, India
11:30-11:55 (Featured)	<b>Title:</b> PDMS Nanoparticles for Breast Cancer Therapy <b>Sneha Singh</b> , Indian Institute of Technology, India
11:55-12:20 (Featured)	<b>Title:</b> Solvent Degradation & CO2 Capture <b>Ambedkar Balraj</b> , Sri Sivasubramaniya Nadar College, India
12:20-12:45 (Featured)	<b>Title:</b> Graphene Quantum Dots for Water Purification <b>Omid Ashkani</b> , Avicenna International College, Iran
12:45-13:15 (Keynote)	<b>Title:</b> Innovative Dental Resins <b>Bianca Voicu</b> , University of Medicine and Pharmacy, Romania
13:15-13:20	<b>BREAK</b>
13:20-13:45 (Featured)	<b>Title:</b> Low Energy Buildings and Human Comfort Solutions <b>Abdeen Omer</b> , Energy Research Institute, UK
13:45-14:20 (Plenary)	<b>Title:</b> Thermomechanical Processes in Shape Memory Alloys <b>Osman Adiguzel</b> , Firat University, Turkey
14:20-14:50 (Keynote)	<b>Title:</b> Symbiosis Between Bio-Nano-Materials & Green Energy <b>Janusz A. Kozinski</b> , Lakehead University, Canada
14:50-15:10 (Keynote)	<b>Title:</b> New methods for separating critical elements <b>Michael L. Free</b> , University of Utah, USA
15:10-15:45 (Plenary)	<b>Title:</b> Solution of the Millennium Problem (Navier-Stokes Equations) <b>Alexander G. Ramm</b> , Kansas State University, USA
<b>End of Day 1</b>	

### Day 2 (March 12, 2025), GMT+00:00

09:00-09:30 (Keynote)	<b>Title:</b> Structural and Functional Reconstruction of the Knee Meniscus <b>Jia-Kuo Yu</b> , Tsinghua University, China
09:30-10:00	<b>Title:</b> Tailoring Transport of Electrons & Ions in Energy Storage

<b>(Keynote)</b>	<b>Yuping Wu</b> , Southeast University, China
<b>10:00-10:25</b> <b>(Featured)</b>	<b>Title:</b> Low-Loss Magnetodielectric Materials for Microwave Antennas <b>Qifan Li</b> , University of Electronic Science and Technology, China
<b>10:25-10:50</b> <b>(Featured)</b>	<b>Title:</b> Hydrophobic Graphene-Based Acrylic-Epoxy Coatings <b>Sachin Sharma Ashok Kumar</b> , Taylor's University, Malaysia
<b>10:50-11:15</b> <b>(Featured)</b>	<b>Title:</b> Bioactive membranes for stem cell regulation and therapy <b>HU Jinlian</b> , City University of Hong Kong
<b>11:15-11:40</b> <b>(Featured)</b>	<b>Title:</b> Optimization of methacrylated silk fibroin <b>Noppiman Choovet</b> , Chulalongkorn University, Thailand
<b>11:40-11:50</b>	<b>BREAK</b>
<b>11:50-12:15</b> <b>(Featured)</b>	<b>Title:</b> Sample Records for Instrumental Analysis <b>William Moloto</b> , School of Medicine, CA, USA
<b>12:15-12:40</b> <b>(Featured)</b>	<b>Title:</b> Viral Infection & Mitochondrial Alterations in Fetal Brain <b>Segundo Mesa</b> , Psychiatric Hospital of Havana, Cuba
<p><b>Note: 1.</b> Slight changes in Program may arise due to technical issues or no shows, presenters are requested to stay available on the entire day of presentation.</p>	
<p><b>2.</b> Conference timings is GMT+00:00</p>	