

# IFMBE APCMBE2023 & BME2023

## Preliminary Programme

May 18, Thursday		
09:00-19:00	Registration	
19:00-21:00	IFMBE's 60 <sup>th</sup> Anniversary Gala Dinner	
May 19, Friday		
Opening Ceremony		
08:30-09:00	Address	
Plenary Speeches		
Session1		
Time	Topic(tentative)	Speakers
09:00-09:40	Towards Progress in Translational Neuroscience	<b>Thomas C. SUDHOF</b> (Winner of the 2013 Nobel Prize in Physiology and Medicine)
09:40-10:10	Cell-free DNA Fragmentomics: Biology and Applications	<b>Yuk Ming Dennis LO</b> (Winner of the 2022 Lasker Medical Research Awards)
10:10-10:30	Break	
Session 2		
10:30-11:00	Immunotherapy	<b>Xuetao CAO</b> Academician
11:00-11:30	Neuroplasticity and Neuromodulation	<b>Muming POO</b> Academician
11:30-12:00	TBD	<b>Jinlei CHEN</b> GE Health Care
12:00-13:30	Lunch & Break	
Session 3		
13:30-14:00	Innovation Research & Development of Medical Devices in China in the New Era - Challenges and Opportunities	<b>Shengshou HU</b> Academician
14:00-14:30	Development of New Types of Drugs via Nanotechnology-Enabled Drug Delivery	<b>Yuliang ZHAO</b> Academician
14:30-15:00	Photoacoustic Tomography of Molecular Absorption from Organelles to Patients	<b>Lihong WANG</b> Academician
15:00-15:20	Break	
Session 4		
15:20-15:50	TBD	Sponsor
15:50-16:30	MINFLUX Nanoscopy and Related Matters	<b>Stefan W. HELL</b> ( Winner of the 2014 Nobel Prize in Chemistry)

## May 20-21, Saturday & Sunday, Workshops and Sessions

### Workshops

**08:30-17:30**

**Lunch  
12:00-13:30**

**Tea break  
10:00-10:15  
15:30-15:45**

01. IUPESM-MEP ( Medical Engineering & Physics ) Workshop
02. Young Investigators Competition
03. Meet MBEC Editor & How to Write or Publish a Scientific Paper
04. Biomedical Engineering Education
05. Medical Device Industry Innovation and Integration of Manufacturing and Education Workshop
06. "HER" Forum

### Sessions

**08:30-17:30**

**Lunch  
12:00-13:30**

**Tea break  
10:00-10:15  
15:30-15:45**

01. Biomedical Signal Processing
02. Biomedical Imaging and Image Processing
03. Neural Engineering
04. Neural Engineering
05. Biomedical Sensors and Wearable Systems
06. The 19th Asian Conference on Computer Aided Surgery (ACCAS 2023)
07. Biomechanics
08. Biological Manufacturing
09. Micro/Nano-bioengineering
10. Cellular/Tissue Engineering
11. Biomaterials
12. Biomedical & Health Informatics
13. Artificial Intelligence in Medicine
14. Biomedical Photonics
15. Immunotherapy Engineering
16. Artificial Organs
17. Medical Laboratory Engineering
18. Integrated Innovation of Health Perception Assessment and Intervention