



# 5th International Conference on Biomedicine & Pharmacotherapy

Dubai, UAE

## SCIENTIFIC PROGRAM

## Dubai, UAE

### KEYNOTE LECTURES

#### Talk 1

**Title:** Nanomedicine: Minute Technology Making a Big Impact on Drug Delivery and Diagnosis  
*Yang Xiang, Department of Biomedicine, University of Basel, Basel, Switzerland*

#### Talk 2

**Title:** Determination of Ketamine, Nor-Ketamine, Hydroxynor-ketamine, and Dehydronor-Ketamine by LC-MS/MS in Plasma with the Application of Green Analytical Chemistry Principles  
*Naiara Raica Lopes de Oliveira, Center for Toxic-Pharmacological Studies and Research, Federal University of Goiás, Goiânia, Brazil*

#### Talk 3

**Title:** Optimizing Ultrasound Parameters for Targeted Blood-Brain Barrier  
*Ryaan Datta, GEMS Wellington International School, Dubai, United Arab Emirates*

#### Talk 4

**Title:** Driving Progress in Personalized Medicine through the Strategic use of Artificial Intelligence  
*Hiroki Xinhua, Division of Pharmacology, Tokyo Metropolitan University, Tokyo, Japan*

#### Talk 5

**Title:** Advancing Pharmaceutical Manufacturing: The Transition to Sustainable Practices  
*Sekine Ozaki, Department of Pharmacology, Queen's University, Kingston, Canada*

#### Talk 6

**Title:** Nirmatrelvir Treatment Duration and Frequency of COVID-19 Rebound  
*Nathan Sudeep, Department of Biological Sciences, University of Southern California, Los Angeles, USA*

#### Talk 7

**Title:** Gene Editing Technologies and their Ethical Implications in Medicine  
*Masami Tashiro, Department of Cardiovascular Surgery, Osaka University, Osaka, Japan*

#### Talk 8

**Title:** An Anti-SARS-CoV-2 Formula Consisting Volatile Oil from TCM Through Inhibiting Multiple Targets *In vitro*  
*Jason W. Rausch, HIV Dynamics and Replication Program, Center for Cancer Research, National Cancer Institute, Frederick, USA*

#### Talk 9

**Title:** Overcoming the Difficulties of Drug Development for Rare Diseases  
*Michael Wagner, Department of Drug Development, Stanford University, Stanford, United States of America*

#### Talk 10

**Title:** Enhancing Clinical Trial Success through Critical Patient Involvement in Research and Treatment Development  
*Sergio Bracarda, Department of Clinical Research, Harvard University, Cambridge, United States of America*

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- Talk 11** **Title: Pharmaceutical Care in the Digital Age: Telemedicine's Role in Enhancing Medication Access and Safety**  
*Tetsuya Ozeki, Department of Pharmaceutical Sciences, Hoshi University, Tokyo, Japan*
- Talk 12** **Title: Revolutionizing Drug Development by Combining Technology, Collaboration and Efficiency**  
*Jennifer Dang, Department of Pharmaceutics, University of Minnesota, Minneapolis, United States of America*
- Talk 13** **Title: Method and Approach for Using Uric Acid-Lowering Medicines in the Treatment of Coronary Heart Disease**  
*Raffaele Fraccaro, Department of Clinical and Experimental Medicine, University of Messina, Messina, Italy*
- Talk 14** **Title: Lidocaine Spray Induced Seizures after Bronchoscopy**  
*Malak El Ayssami, Department of Neurology, Saint George Hospital University Medical Center, Beirut, Lebanon*

# Slots Vacant