



# BioMed 2026

## April 13th-15th, 2026

### Program

Event promoted in the frame of the Biomedical Research Hub - Ca' Foscari University of Venice,  
Collaboration Hub - San Camillo IRCCS and Kansai Medical University

In collaboration with: Department of Medical Sciences, University of Ferrara and Setsunan University

# Pre-event Program of BioMed 2026

## April 13, 2026 - Setsunan University

Building 3, Medix Hall,  
Hirakata Campus, Hirakata, Osaka

### **9:00 Opening Session**

Prof. **Yasuyuki Kubo**, President of  
Setsunan University  
Prof. **Tiziana Lippiello**, Rector of Ca'  
Foscari University of Venice

### **9:20 Scientific Presentation 1**

Podium Presentation

Chairs: Prof. **Shinji Sakuma** and Prof.  
**Takashi Shiina**

9:20 Prof. **Kentaro Kawai**, Department of  
Pharmaceutical Sciences, Setsunan University  
*Efflux Pump Inhibitors for Multidrug-resistant  
Bacteria: Design, Synthesis, and in-silico Study*

9:30 Assoc. Prof. **Rei Yoshimoto**,  
Department of Agriculture, Setsunan  
University

*Molecular Basis of 4.5SH-mediated Splicing  
Regulation*

9:40 Prof. **Teruyuki Nakao**, Department  
of Pharmaceutical Sciences, Setsunan  
University

*Human Exposure to per- and polyfluoroalkyl  
Substances (PFAS) and Their Risk  
Assessment*

9:50 Prof. **Ryo Inoue**, Department of  
Agriculture, Setsunan University

*Cross-species Gut Microbiome Analysis to  
Advance One Health Perspectives*

10:00 Prof. **Takeshi Nabe**, Department  
of Pharmaceutical Sciences, Setsunan  
University

*Molecular Mechanisms Underlying Steroid-  
resistant Asthma: Role of JAK-STAT  
Signaling in Group 2 Innate Lymphoid Cells  
(ILC2)*

10:10 Prof. **Toshiki Asao**, Department of  
Agriculture, Setsunan University

*Low Potassium Melon for Chronic Kidney  
Disease Patients*

10:20 Mr. **Koki Morishige**, Ph.D. Student,  
Graduate School of Pharmaceutical  
Sciences, Graduate School of Setsunan  
University

*Elucidation of Thrombin-mediated  
Regulation of Neural Stem/progenitor Cells  
following Neuronal Degeneration in the  
Adult Hippocampus*

10:30 Mr. **Kazuya Maeda**, Ph.D. Student,  
Graduate School of Agriculture, Graduate  
School of Setsunan University

*Do the Mycoparasite Dream of Bio-  
fungicides?: Mycoparasites Team up with  
Tomato Plants to Feast on Pathogen*

10:40 Lecturer, **Sajjad Pouromid**, Global  
Center, Setsunan University

*Advancing Global Engagement at Setsunan  
University: Current Initiatives and Future  
Prospects*

### **11:00 Campus Tour: Setsunan University**

Medicinal Plant Garden, University Farm,  
Common Equipment at Departments of  
Pharmaceutical Sciences and Agriculture

### **12:00 Scientific Presentation 2**

Building 2, Learning Commons

12:00 Institutional Greeting

Prof. **Hirofumi Hitomi**, Kansai Medical  
University

12:05 Poster Presentation with Lunch

Including podium presenters, 20-30 poster  
presentations are planned. Enjoy discussion  
and lunch (buffet style with Japanese meals).

### **13:15 Group Photo**

Building 3, Medix Hall

### **13:20 Closing Remarks**

Prof. **Yasuyuki Kubo**, President of  
Setsunan University

### **13:30 Excursion**

Kinkaku-ji Temple and Ninna-ji Temple  
Enjoy a couple of the world heritages at Kyoto  
City under Italian tour guidance.

### **18:00 Dinner**

Tenki: Nishijin, Kyoto City

# BioMed 2026

## April 14, 2026 – Kansai Medical University

### Katano Hall, Hirakata, Osaka

#### **8:50 Institutional Greetings**

Prof. **Tatsuo Kinashi**, President of Kansai Medical University

Prof. **Tiziana Lippiello**, Rector of Ca' Foscari University of Venice

Mr. **Filippo Manara**, Consul General of Italy

Mr. **Takashi Fushimi**, Mayor of Hirakata City

#### **9:10 MOU Signing Ceremony**

Prof. **Tatsuo Kinashi**, President of Kansai Medical University

Prof. **Tiziana Lippiello**, Rector of Ca' Foscari University of Venice

Prof. **Gino Gerosa**, Councilor of Veneto Region, Prof. of University of Padua

#### **9:15 Group Photo**

#### **9:20 Scientific Presentation 1**

Chairs: Prof. **Flavio Rizzolio** and Prof.

**Hirofumi Hitomi**

9:20 Prof. **Tomoyuki Nakamura**, Department of Pharmacology, Kansai Medical University  
*Roles of ECM Cross-links in Aortic Diseases*

9:40 Prof. **Takuya Kobayashi** and Assoc. Prof. **Ryoji Suno**, Department of Medical Chemistry, Kansai Medical University

*Structural biology and Food Chemistry: Bridging the gap from treatment to prevention*

10:00 Prof. **Ko Kobayakawa**, Institute of Biomedical Science, Kansai Medical University  
*The ACh-Ca<sup>2+</sup>-ATP Axis Governs Hypoxic-Ischemic Neuronal Death*

10:20 Prof. **Takuo Nomura**, Faculty of Rehabilitation, Kansai Medical University  
*Lower Limb Muscle Weakness and the Risk of Frailty in Japanese Patients with Type 2 Diabetes*

10:40 Assoc. Prof. **Francesca Dal Mas**, Department of Management, Ca' Foscari University of Venice

*Towards the Healthcare of the Future, between Challenges and New Opportunities*

11:00 Assoc. Prof. **Nicola Prezza**, Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice  
*Algorithms for DNA Sequence Alignment: From Linear References to Pangenome Graphs*

11:20 Prof. **Pantaleo Greco**, Department of Medical Sciences, University of Ferrara  
*Where Gynecology and Obstetrics Meet the Lab: Turning Clinical Challenges into Solutions*

11:40 Assoc. Prof. **Massimo Bonora**, Department of Medical Sciences, Signal Transduction Laboratory, University of Ferrara

*Mitochondrial Permeability Transition: From Molecular Mechanisms to Cellular Outcomes*

12:00 Prof. **Gino Gerosa**, Councilor of Veneto Region, Prof. of University of Padua

*The Biopace Project: Towards a Biological Solution for Rhythm Disorders.*

#### **12:30 Networking Lunch**

Cafeteria

#### **14:00 Scientific Presentation 2**

Chairs: Prof. **Paolo Pinton** and Prof. **Giuseppe Pezzotti**

14:00 Prof. **Takashi Shiina**, Advisor to the President of Setsunan University

*Overview of Setsunan University, Focusing on Researches on Agricultural Sciences*

14:20 Prof. **Mutsuo Sano**, Advisor to the President of Osaka Institute of Technology

*Overview of Osaka Institute of Technology: Focusing on Rehabilitation Research using Digital Twins and Accompanying Agent AI*

14:40 Prof. **Sachiro Kakinoki**, Faculty of Chemistry, Materials and Bioengineering, Kansai University  
*Medical-Engineering Collaboration in Kansai University*

#### **15:00-15:30 Short Break**

15:30 Prof. **Francesco Franceschi**, Faculty of Medicine, Catholic University of Sacred Heart

*Early Assessment of Sepsis in the Emergency Department: Early Warning Scores, Biomarkers and Beyond*

15:50 Prof. **Marco Racchi**, Department of Drugs Sciences, University of Pavia

*RACK1 (Receptor for Activated C Kinase 1) and its Role as a Hub in Cancer Signaling*

16:10 Prof. **Eugenio Guglielmelli**, Campus Bio-Medico University of Rome

*Bioengineering for Human-Centred Innovation: Towards P5.0 Medicine.*

#### **16:30 Closing Remarks**

Prof. **Tiziana Lippiello**, Rector of Ca' Foscari University of Venice

Prof. **Tatsuo Kinashi**, President of Kansai Medical University

#### **16:50 Campus Tour: KMU**

Central Research Center, Clinical Simulation Center, Near InfraRed Photo-Immuno Therapy Research Institute, Hospital etc.

#### **19:00 Dinner**

# April 15, 2026 – Kansai Medical University

## Katano Hall, Hirakata, Osaka

### **9:00 Student Presentation**

Chairs: Prof. **Flavio Rizzolio** and Prof.

**Hirofumi Hitomi**

9:00 Mr. **Alberto Cavazza**, Ca' Foscari

University of Venice

*Orchestrating Knowledge and Relationships in Elderly Care: the KMU case*

9:10 Mr. **Matteo Grazioso**, Ca' Foscari

University of Venice

*Artificial Intelligence for Medicine: Computational and Ethical Perspectives*

9:20 Ms. **Kubra Kocak**, Ca' Foscari University of Venice

*Host-Microbiota Crosstalk in Ovarian Cancer*

9:30 Mr. **Emanuele Di Siena**, Ca' Foscari

University of Venice

*Loss of Multimerin-2 promotes cancer metastasis by inducing VCAM-1 expression*

9:40 Mr. **Ermanno Di Sopra**, Ca' Foscari

University of Venice

*Engineering Patient-Derived Ovarian Cancer Microenvironments for Predictive In Vitro Drug Response*

9:50 Dr. **Takahiro Nakamoto**, Kansai Medical University

*HMGA2 Links Morphological Evolution and Microenvironment Dynamics to Systemic Therapy Response in Clear Cell Renal Cell Carcinoma*

10:00 Mr. **Tatsuya Kanagawa**, Kansai Medical

University

*Reproduction of Pathology in Gelatinous Drop-Like Corneal Dystrophy using Patient-derived iPSC cells*

10:10 Ms. **Yuka Hamada**, Kansai Medical

University

*Involvement of PDGF and Its Receptor in Intestinal Fibrosis in Crohn's Disease*

10:20 Mr. **Panuwat Promsorn**, Kansai Medical

University

*PD-1 Blockade Paradoxically Promotes T Cell Exhaustion and Hepatic Fibrosis in (High-fat Diet and CCL<sub>4</sub>-induced) MASH/Fibrosis Mouse Model.*

10:30 Ms. **Sakurako Kunieda**, Kansai Medical

University

*Molecular Insights into the Superiority of Platelet Lysate over FBS for hASCs Expansion and Wound Healing*

10:40 Ms. **Ilenia Pia Cappucci**, University of

Ferrara

*The Potential of Extracellular Vesicles in Cardiovascular Disease*

10:50 Ms. **Lucia Sileo**, University of Ferrara

*Time-dependent Immunomodulatory Effects of Plant-derived Extracellular Vesicles on Macrophage Activation*

11:00 Mr. **Tommaso Pusceddu**, University of Ferrara

*Crosstalk in the Tumor Microenvironment:*

*Extracellular Vesicles as Mediators of Communication between Breast Cancer and the Immune System*

11:10 Ms. **Francesca Begnozzi**, University of Ferrara

*Unlocking the Multi-omic Signature of the Mitochondrial Permeability Transition Pore in Cell Fate Decisions*

11:20 Ms. **Giada Salvi**, University of Ferrara

*P2X7 Inhibition as an Innovative Therapeutic Approach for Cancers Harboring p53 Alterations*

11:30 Mr. **Daiki Hara**, Kansai Medical University

*Linker Modification of Silicon Phthalocyanines via Cross-Coupling Reactions to Develop Novel Photosensitizers for Near-Infrared*

*Photoimmunotherapy*

11:40 Mr. **Vu Duc Anh**, Kansai Medical

University

*RNF126 Promotes Anoikis Resistance and Peritoneal Colonization in Ovarian Cancer*

11:50 Mr. **Nozomi Aoki**, Kansai Medical

University

*Bioengineered Skeletal Muscle Progenitor Sheet Derived from Human Induced Pluripotent Stem Cells*

*Cells*

12:00 Mr. **Lai Thanh Tung**, Kansai Medical

University

*Hepatoprotective Effect of 2-Methyl-2-Thiazolin in a Mouse Model of Hepatic Ischemia Reperfusion Injury*

*Injury*

12:10 Mr. **Luong Hoang Long**, Kansai Medical

University

*HAE iPSC Models Implicate ER-Associated Degradation as a Potential Therapeutic Target*

### **12:20 Introduction to Activities**

Mr. **Sho Fukuda**, General Manager, Awaji

Future Vision Division, Pasona Group Inc.

### **13:00 Excursion**

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