



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, 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).

13:20 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**, Department of Medical Chemistry, Kansai Medical University
Cryo-EM Structure Analysis of Opioid Receptors: Toward the Development of Side-Effect-Free Analgesics
10:00 Prof. **Ko Kobayakawa**, Institute of Biomedical Science, Kansai Medical University
The ACh-Ca²⁺-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 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
15:20 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
15:40 Prof. **Eugenio Guglielmelli**, Campus Bio-Medico University of Rome
Bioengineering for Human-Centred Innovation: Towards P5.0 Medicine.

16:00 Closing Remarks

Prof. **Tiziana Lippiello**, Rector of Ca' Foscari University of Venice
Prof. **Tatsuo Kinashi**, President of Kansai Medical University

16:20 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 CCL₄-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

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

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. **Makiya Nambu**, Director, Vice President

and Executive Officer of Pasona Group Inc.

13:00 Excursion

Nara city