



PROMEDICON 2027

INTERNATIONAL CONFERENCE AND EXHIBITION ON

PROGRESSIVE MEDICINAL CHEMISTRY

From Intelligent Discovery to Precision Therapeutics



April 12–14, 2027



Kyoto University, Kyoto, Japan

Where Scientific Excellence Meets the Beauty of Cherry Blossoms ProMediCon 2027

KEYNOTE SPEAKERS



Aaron Ciechanover

Nobel Laureate
in Chemistry



Susumu Kitagawa

Nobel Laureate
in Chemistry



Trevor W. Robbins

Brain Prize Laureate

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Be part of a global gathering that advances
science, empowers discoveries and
transforms lives.

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NASI Distinguished
Chair Professor Former
Vice-Chancellor
University of Mysore, India
Ambassador, Hokkaido
University, Japan



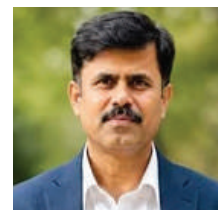
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Head/PI
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HIROSHI SUGIYAMA

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Emeritus Professor
Institute for Integrated Cell
Material Sciences (iCeMS)
Kyoto University, Japan



Sidda Basavegowda

Professor
Associate Professor
Faculty of Health Sciences and
Technology Hokkaido University
Japan

PLENARY SPEAKERS



DAVID CRAIK

Professor
UQ Laureate Fellow & Group Leader
The University of Queensland
Australia



SHIN-ICHIRO NISHIMURA

Professor
Hokkaido University
Japan



JONATHAN BAEEL

Professor
Chief Scientific Officer
Manas AI
USA



GAUTAM SETHI

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Singapore (NUS)
Singapore



TEJ P. SINGH

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Sciences (AIIMS)
India



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Takeda Pharmaceutical
Company Ltd
Japan



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WELCOME MESSAGE

Welcome to the International Conference and Exhibition on Progressive Medicinal Chemistry (ProMediCon 2027), to be held from April 12–14, 2027, at the HORIBA Symposium Hall, International Science Innovation Building, Kyoto University, Kyoto, Japan.

ProMediCon 2027 is envisioned as a premier global scientific gathering in medicinal chemistry and molecular therapeutics, bringing together world-renowned scientists, Nobel Laureates, distinguished academicians, leading researchers, healthcare professionals, industry experts, innovators, and emerging young scientists from across the world. ProMediCon 2027 will feature an exceptional scientific programme designed to facilitate high-level scientific discussions, visionary keynote and plenary lectures, interactive sessions, and meaningful exchange of ideas among global leaders in science and medicine. The participation of Nobel Laureates and internationally acclaimed scientists will provide a rare opportunity to hear directly from pioneers whose discoveries have shaped modern biomedical science and continue to influence the future of drug discovery and therapeutics.

The conference will serve as a vibrant platform to present breakthrough research, discuss emerging scientific frontiers, explore transformative technologies, challenge established paradigms, and develop new international collaborations. By bringing together leaders from academia, healthcare, biotechnology, pharmaceuticals, and related disciplines, ProMediCon 2027 seeks to bridge fundamental discoveries with translational innovation and real-world therapeutic applications. Set against the historic and intellectual backdrop of Kyoto University, during the enchanting Sakura (Cherry Blossom) season, ProMediCon 2027 offers a unique convergence of world-class science, Nobel-level scientific discourse, innovation, cultural heritage, and international networking.

We invite the global scientific community to join us in Kyoto for three days of inspiring lectures, cutting-edge research, thought-provoking scientific discussions, and opportunities to build collaborations that can shape the future of medicine and healthcare.

We look forward to welcoming you to Kyoto for ProMediCon 2027.

CONFERENCE THEME

From Intelligent Discovery to Precision Therapeutics

Exploring how artificial intelligence, computational chemistry, translational medicine, and advanced therapeutics are reshaping the future of healthcare innovation.

KEY TOPICS OF THE SCIENTIFIC PROGRAMME



Drug Discovery and Development



Pharmaceutical Chemistry

Chemical Biology



Bioorganic Chemistry

Computational Drug Design



Molecular Design

Pharmacology



Medicinal Natural Products

ADME and Toxicology



Structure-Based Drug Design

Pharmaceutical Sciences



Translational Therapeutics



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WHY KYOTO UNIVERSITY

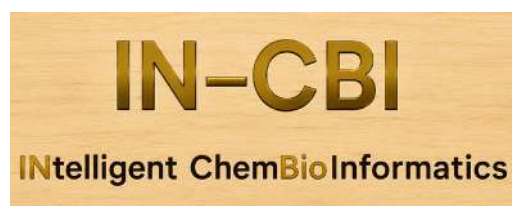
Founded in 1897, Kyoto University is one of Asia's most respected institutions of higher learning and a global leader in scientific discovery. Renowned for its culture of academic freedom, curiosity-driven research, and innovation, the university has nurtured numerous Nobel Prize laureates and world-changing discoveries across medicine, chemistry, physics, and the life sciences.

Kyoto University's remarkable legacy includes pioneering breakthroughs in immunology and regenerative medicine, including Nobel Prize-winning research by Prof. Tasuku Honjo and Prof. Shinya Yamanaka, whose discoveries have transformed modern healthcare and biomedical research worldwide. The university's influence also extends to fundamental chemistry and materials science through the groundbreaking work of Prof. Susumu Kitagawa, whose pioneering development of porous coordination polymers and metal-organic frameworks (MOFs) opened new horizons in molecular design, porous materials, gas storage, separation, sensing, and advanced functional materials.

The conference venue, the International Science Innovation Building, was specifically established to promote collaboration among academia, industry, government, and international research organizations. As a hub for innovation and knowledge creation, it provides an ideal environment for scientific exchange, interdisciplinary collaboration, and partnership development. Unlike traditional conferences focused only on discovery or clinical outcomes, PROMEDICON 2027 is intentionally positioned at the high-impact translational stage—where scientific discoveries, molecular innovation, and emerging technologies converge to transform therapeutic concepts into real-world healthcare solutions.



CO-ORGANIZERS



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DAY 1 – APRIL 12, 2027

Theme:
Intelligent Discovery &
Molecular Design

Time	Activity	Venue
08:00 – 09:00	Registration & Badge Collection	Foyer/G1
09:00 – 09:20	Welcome Address & Opening Ceremony	Room 1
09:20 – 10:40	Plenary Lecture 1	Room 1
10:00 – 10:40	Plenary Lecture 2	Room 1
10:40 – 11:10	☕ Coffee Break & Networking	Exhibition Area
11:10 – 11:50	Plenary Lecture 3	Room 1
11:50 – 12:30	Plenary Lecture 4	Room 1
12:30 – 13:10	Plenary Lecture 5	Room 1
13:10 – 14:10	Lunch Break	Dining Area

PARALLEL SCIENTIFIC SESSIONS

Time	Room 1 (Main Conf hall)	Room 2 (Comb Sa and 5b)
14:10 – 14:30	Session I: AI, Data Science & Digital Drug Discovery	Session III: Chemical Biology & Target Identification
15:40 – 16:00	☕ Coffee Break	☕ Coffee Break
16:10 – 17:40	Session II: Medicinal Chemistry & Molecular Design	Emerging Therapeutic Targets & Disease Models
17:40 – 18:30	Poster Session I & Industry Exhibition	Poster Session I & Industry Exhibition
19:30 – 20:30	🍷 Welcome Drinks	



DAY 2 – APRIL 13, 2027

Theme:
Translational Medicine &
Advanced Therapeutics

Time	Activity	Venue
08:30 – 09:30	Plenary Lecture 6	Room 1
09:10 – 10:00	Panel Discussion I: Bridging Academia and Industry in Drug Development	Room 1
10:00 – 10:30	☕ Coffee Break	Exhibition Area

PARALLEL SCIENTIFIC SESSIONS

Time	Room 1	Room 2
10:30 – 12:00	Session IV: Advanced Therapeutics & Biopharmaceuticals	Session VII: Radiopharmaceuticals & Theranostics
12:00 – 13:00	🍷 Lunch Break	🍷 Lunch Break
13:00 – 14:30	Session V: Precision Medicine & Disease Applications	Young Investigator Presentations
14:30 – 15:00	☕ Coffee Break	☕ Coffee Break
15:00 – 16:30	Session VI: Drug Delivery, PK/PD & Translational Science	Poster Session II & Industry Exhibition
16:30 – 17:00	👤 Networking & Exhibition Visit	👤 Networking & Exhibition Visit
19:30 – 20:30	🍷 Networking Drinks	



DAY 3 – APRIL 14, 2027

Theme:
Future Frontiers, Sustainability &
Global Impact

Time	Activity	Venue
08:30 – 09:10	Plenary Lecture 7	Room 1
09:10 – 10:00	Panel Discussion II: Sustainable Innovation in Healthcare	Room 1
10:00 – 10:30	☕ Coffee Break	Exhibition Area

PARALLEL SCIENTIFIC SESSIONS

Time	Room 1	Room 2
10:30 – 12:00	Session VIII: Sustainable & Green Medicinal Chemistry	Session X: Industry, Regulation & Innovation Ecosystem
12:00 – 13:00	🍷 Lunch Break	🍷 Lunch Break
13:00 – 14:30	Session IX: Emerging Technologies & Automation	Startup & Technology Transfer Forum
14:30 – 15:00	☕ Coffee Break	☕ Coffee Break

FINAL JOINT SESSION (ALL PARTICIPANTS GATHER IN ROOM 1)

15:00 – 16:00	Grand Panel Discussion: “Will AI Replace the Medicinal Chemist?”
16:00 – 16:20	Best Oral & Poster Awards 🏆
16:20 – 16:30	Young Scientist Recognition 🌟
16:40 – 17:00	Closing Ceremony 🏆
17:00 – 18:00	Vote of Thanks & Sayonara Kyoto 🏯



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PROMEDICON 2027 BUSINESS FORUM

Held alongside the scientific conference and industry exhibition at Kyoto University, Japan, the Business Forum serves as a premier platform connecting pharmaceutical and biotechnology companies, CROs, CDMOs, medical device manufacturers, AI-driven healthcare companies, emerging startups, investors, academic innovators, and healthcare leaders. It fosters strategic partnerships, technology exchange, investment opportunities, and pathways for translating scientific innovation into real-world healthcare solutions.

WHY ATTEND PROMEDICON 2027?

Cutting-Edge Science — Explore breakthroughs in Drug Discovery & Development, Chemical Biology, Molecular Design, Computational Drug Design, Medicinal Natural Products, and Pharmacology & Translational Therapeutics.

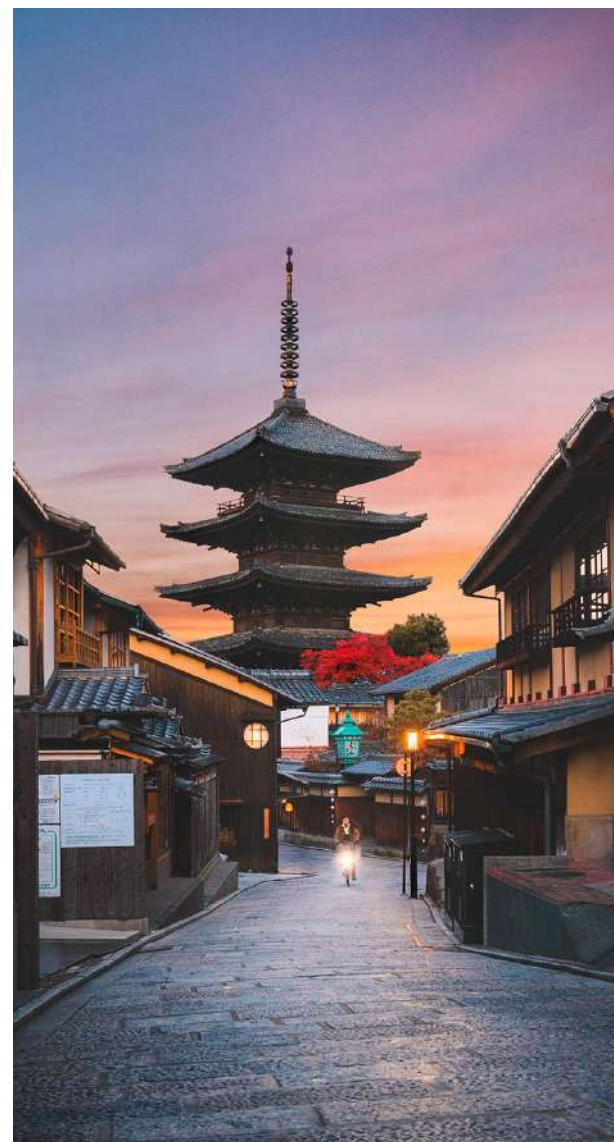
Global Networking — Meet leading academicians, pharmaceutical scientists, healthcare professionals, industry experts, and young researchers.

Learn From World Leaders — Interact with internationally recognized keynote speakers and distinguished scientists shaping the future of medicine.

Experience Kyoto in Cherry Blossom Season — Combine scientific excellence with unforgettable cultural experiences in one of Japan's most historic cities.

Foster Collaborations — Create opportunities for interdisciplinary partnerships, industry engagement, and future innovations.

Scientific Excellence — Driving scientific progress through exceptional research innovation, and collaboration across borders.



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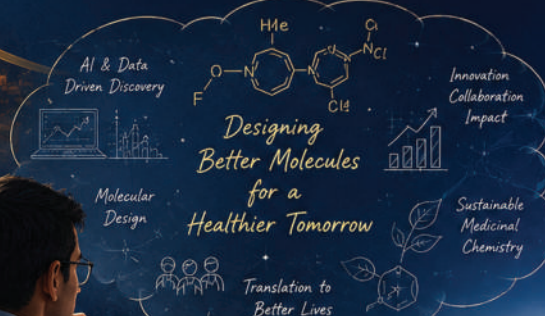
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Kyoto University, Kyoto, Japan



WORLD-CLASS
SPEAKERS



CUTTING-EDGE
SCIENCE



GLOBAL
COLLABORATION



INNOVATION FOR
A BETTER TOMORROW



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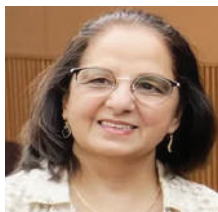
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CONFERENCE VENUE

HORIBA Symposium Hall, International Science Innovation Building, Kyoto University Yoshida-Honmachi, Sakyo-ku, Kyoto 606-8501, Japan

Nestled in one of the world's most prestigious academic institutions, Kyoto University provides an inspiring setting where scientific excellence meets Japanese heritage. Renowned for its Nobel Prize-winning discoveries and pioneering contributions to chemistry, medicine, and interdisciplinary research, the university offers the ideal environment for advancing medicinal chemistry, drug discovery, and precision therapeutics. During the beautiful Sakura (Cherry Blossom) season, delegates will enjoy a unique blend of cutting-edge science, cultural heritage, and international networking.



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