

The University of Osaka
Premium Research Institute for Human Metaverse Medicine (PRIME) Public Lecture

Graduate Course: Artificial Intelligence for Medicine and Life Sciences

Session 1: The Forefront of AI for Science and Its Applications in Medicine and Healthcare

-Could AI win the Nobel Prize in Physiology or Medicine by 2050?-

(FRI) 2 Oct. 2026

Time 16:00-17:30 (Venue opens from 15:30)

Venue Multimedia Hall (CoMIT 1F),
The University of Osaka
(Yamada Oka 2-2, Suita city, Osaka)

Lecturer **Kazuhiro Sakurada**
Specially Appointed Professor,
WPI-PRIME, The University of Osaka
(Professor, Keio University)

Admission Free (pre-registration required)

Language Japanese (Interpretation support available)



Application Form



The form closes at:
(MON) 28, Sep. 23:59

As part of Japan's efforts to advance AI-driven scientific research, AI for Science has become a key national priority. One particularly ambitious goal is the Nobel Turing Challenge, which aims to enable AI to make a Nobel Prize-worthy discovery in Physiology or Medicine by 2050.

This lecture introduces current AI applications in medicine, including clinical decision support systems and AI-enabled medical devices, and provides an overview of emerging topics such as AI for Science and medical foundation models. It also considers why knowledge of mathematics, data science, and AI is becoming increasingly important for the future of medicine and biomedical research.

This introductory lecture is open to all interested participants and will be offered as a public lecture.

[Interpretation app]

Interpretation support via the Pocketalk app is available for up to 40 participants. Please indicate your interest when registering. Access the service on your own device via a QR code or URL to view or listen to translations. Earphones are required for audio use.

This service requires internet connection. Free Wi-Fi is not provided at the venue. (UOsaka members may access odins-1x)



For Inquiry

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