

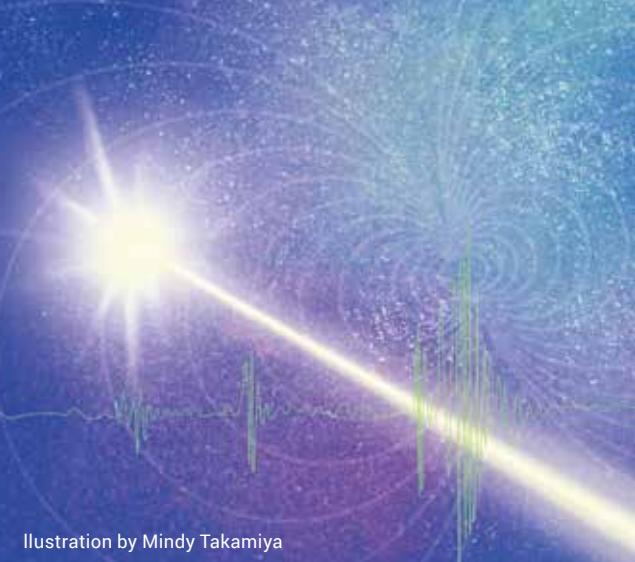
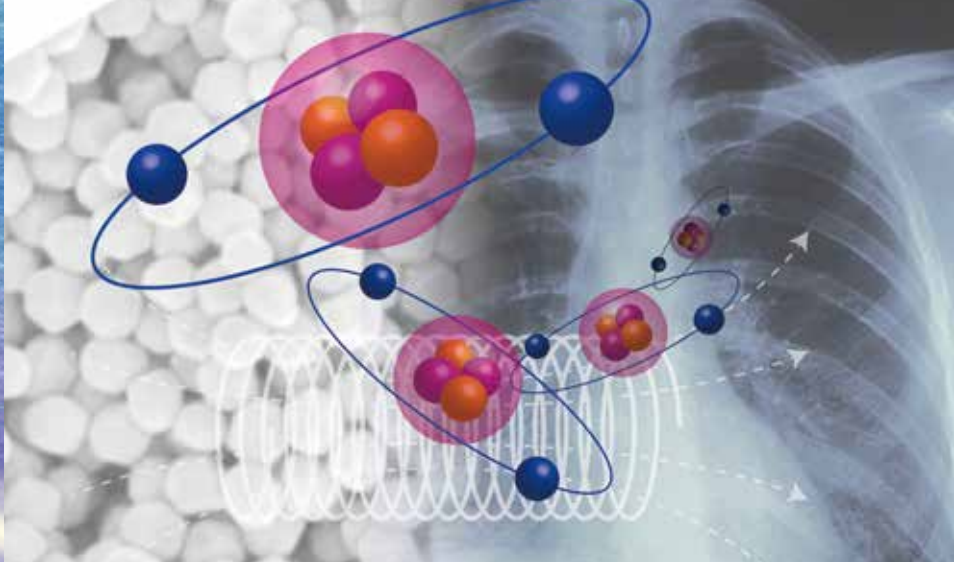


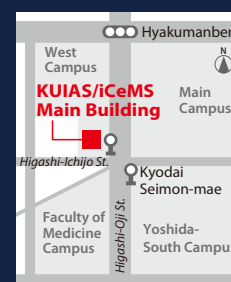
Illustration by Mindy Takamiya



First QNM-iCeMS Symposium

Exploring New Approaches for Cancer Therapy

G-proteins, Precision Medicine and Quantum Beams



Date December 13, 2019, Friday

Place Kyoto University, Lecture Hall, iCeMS main building

Session 1 10 : 00 – 11 : 45 am

G-proteins and Signal Transduction

Chair: Reiko Sakaguchi
(Kyoto University iCeMS,
Assistant Professor)

Cooperative mechanism of cell adhesion molecules and growth factor receptors

Yoshimi Takai (Kobe University, Professor)

Extracellular matrix regulator RECK: a promising marker and effector for developing novel cancer therapy

Makoto Noda (Kyoto University, Vice-president, Professor/ IFOH-KU, Director)

DNA-based small molecule approach to control cancer-associated factors like RAS

Ganesh Pandian Namasivayam (Kyoto University iCeMS, Lecturer/PI)

Lunch 11 : 45 – 12 : 45

Session 2 1 : 00 – 2 : 45 pm

Genomics and Precision Medicine

Chair: Koichi Hasegawa
(Kyoto University iCeMS, Lecturer/PI)

On the origin of cancer

Seishi Ogawa (Kyoto University, Professor)

Patient-derived cancer model

Tadashi Kondo (National Cancer Center, Tokyo, Rare Cancer Division Director)

Precision medicine

Masashi Kanai (Kyoto University, Associate Professor)

Coffee Break 2 : 45 – 3 : 00 pm

Session 3 3 : 00 – 4 : 45 pm

Quantum Beams and Nanomedicine

Chair: Atsushi Nakano
(UCLA/ Kyoto University,
Associate Professor)

Quantum beams for material science

Kunihisa Sugimoto (Spring-8, JASRI/Kyoto University iCeMS Associate Professor)

Novel radiation therapy employing monochromatic X-ray and nanoparticles

Fuyuhiko Tamanoi (Kyoto University/UCLA, Professor)

Closing



Contact

Quantum Nano Medicine Research Center

Tamanoi Lab, iCeMS, Kyoto University

E-Mail : qnmc-sec@mail2.adm.kyoto-u.ac.jp

<https://www.qnmc.icems.kyoto-u.ac.jp/>