

General Information

- ◆ Approved in FY 2019
- ◆ Established in October 2019
- ◆ Established by the Institute for Integrated Cell-Material Sciences (iCeMS), Kyoto University Institute for Advanced Study (KUIAS)
- ◆ Partner institution: The University of California Los Angeles (UCLA), USA
- ◆ Location: Kyoto University, Kyoto, Japan (inbound)
- ◆ Functions: Quantum nano-medicine research with a focus on cancer treatment applications, development of new research fields, and expansion of collaboration with UCLA and industrial partners

Positive ripple effects to the university's activities

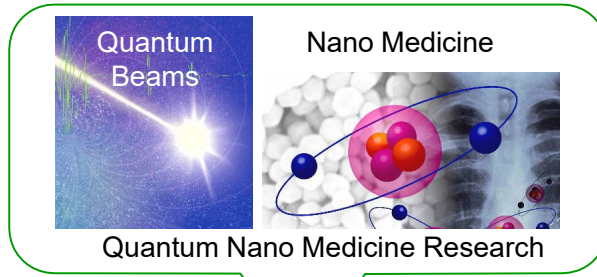
- Establishment of new academic fields
- Ripple effects on particle physics and radiation medicine research
- Collaboration with the Institute for Integrated Radiation and Nuclear Science and SPring-8
- Collaboration with research centers in California
- Ripple effects on industries in California and Japan
- Advancements in quantum nano medicine research have influenced research at Kyoto University, including the development of new radiation therapies. The center promotes interdisciplinary research that transcends disciplinary boundaries at the university
- The center provides opportunities for the university's researchers and world-class researchers in the US to interact by engaging in its activities

Activity Overview

iCeMS, KUIAS,
Kyoto University



Collaboration: Institute for Integrated Radiation and Nuclear Science and SPring-8



Dept. of MIMG/UCLA

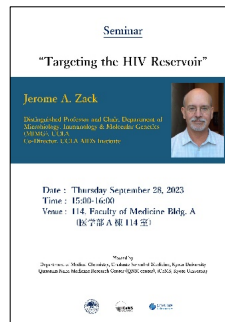


UCI collaboration
Dept. of Physics
and Astronomy

Main Activities in FY 2023

① Academic exchange between UCLA and Kyoto University, publication of the KAWARABAN newsletter

- Dr. Yvonne Y. Chen from UCLA was invited to give a lecture in the Online seminar series, which was held in a hybrid format.
 - Online seminar series #6, held on July 4, 2023.
 - One presenter from Kyoto University and one from UCLA
- Dr. Jerome Zack from UCLA spoke at the iCeMS retreat, and at a seminar held jointly with the Faculty of Medicine.
- Vol. 6 of the KAWARABAN newsletter was published in December 2023 to disseminate information about the QNMC and its activities.



② Working towards the establishment of a consortium

- A seminar titled "Towards Innovation in Cancer Treatment" was held on March 27, 2024.
- The policy for a consortium that aims to accelerate the development of innovations in cancer treatment has been drafted with a view to its establishment.