

International Symposium for Paleogenomics

-Great Journey Linking Medicine and Archaeology-

Date: March 3rd, 2024

Time: 13:30-15:40

Venue: Seminar Room (3F), Ito International Research Center, Tokyo University, Hongo, Tokyo

Online participants are requested to register and participate at the URL below.

[https://kanazawa-](https://kanazawa-university.zoom.us/meeting/register/tZ0pdu2uqT0iGtze6XpX0J3rav4PCTOef4PZ)

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Purpose of the meeting:

In recent years, genome analysis of human remains excavated from archaeological sites has been conducted around the world, creating the research field of population paleogenomics, which handles more than ten thousand ancient genomic data. In the future, comparative analysis of this paleohuman genomic data with modern human genomic data will provide a new platform for evolutionary medical research. In this symposium, we will invite two paleogenomics researchers from Europe to introduce their latest research results and to discuss the future perspectives of paleogenomics.

Time schedule:

13:30-13:40 Opening remark

Takashi Gakuhari (Kanazawa University).

13:40-14:00 What Makes Ancient Humans Different from Us?

-Novel Challenges through Paleogenomics-

Takashi Gakuhari (ISAC, Kanazawa University/Sapiens-LEM, Kanazawa University)

14:00-14:40 Paleogenomic time travel to Japan: Insights into demography, selection, and pathogen loads

Shigeki Nakagome (Trinity College, Dublin/Sapiens-LEM, Kanazawa University)

14:40-15:30 Alleles from the past - What can we learn about human health and disease from sequencing thousands of ancient genomes?

Martin Sikora (Globe Institute, University of Copenhagen)

15:30-15:40 Closing remark

Organizing Institute:

Sapiens Life Sciences, Evolution and Medicine Research Center (Kanazawa University)

Institute for the Study of Ancient Civilizations and Cultural Resources (Kanazawa University)

Co-sponsoring grant: Sakigake Project (Kanazawa University)

Organizer: Takashi Gakuhari (Kanazawa University)