

LIST OF SEMINARS, COLLOQUIA AND SYMPOSIUM PRESENTED AT RERF
April 2024 – February 2025

SEMINARS

Rebecca Smith-Bindman, Professor in Residence of Epidemiology and Biostatistics, Obstetrics, Gynecology and Reproductive Medicine, University of California, San Francisco, USA: “Computed Tomography: A medical triumph fostering a silent epidemic” 1 April 2024

Sylvain V. Costes, Senior Research Scientist in Radiation Biophysics, Open Science and Computational Biology, NASA Ames Research Center, USA: “From Earth to Space: Modeling DNA Damage and Cancer Risks in the Era of Genomics and Data Sharing” 2 April 2024

Shanaz A. Gandhi, Assistant Professor of Radiation Oncology, Center for Radiological Research, Columbia University Irving Medical Center, USA: “Novel approaches for radiation dose reconstruction using-omics platform” 22 April 2024

Rajkumar Singh Kalra, Staff Scientist, Immune Signal Unit, Okinawa Institute of Science and Technology Graduate University, Japan: “ “Molecular Aspects of Ageing in the Cancer Progression and Declined Immunity: Research Journey and the Future Plan” 12 July 2024

Takanori Honda, Associate Professor, Center for Cohort Studies, Graduate School of Medical Sciences, Kyushu University, Japan: “Chronic disease prevention from the perspective of prospective cohort studies: epidemiology of health behavior and lifestyle, risk prediction, and evidence synthesis” 1 August 2024

Igor Shuryak, Associate Professor, Center for Radiological Research, Department of Radiation Oncology, Columbia University, New York, USA: “Causal Machine Learning Analysis of Leukemia and Solid Tumor Incidence and Mortality in Japanese Atomic Bomb Survivors” 30 September 2024

Kosuke Nakazono, Ph.D. candidate, School of Engineering, Department of Industrial Engineering and Economics, Tokyo Institute of Technology, Japan: “Estimation of the Mann-Whitney Effect under Parametric Survival Copula Models” 18 October 2024

Kayoko Ishihara, Visiting Research Associate, Department of Clinical Studies, Radiation Effects Research Foundation, Japan: “Stroke and Carotid Atherosclerosis and Neurocognitive Function in Atomic Bomb Survivors” 28 October 2024

Mohammad Ashraful Islam, Ph.D. candidate, Division of Mathematical Science, Graduate School of Engineering Science, Osaka University, Japan: “Navigating the Statistical Maze: Ensuring Data Integrity and Preventing Errors in Research” 2 December 2024

Shosei Yoshida, Professor, Division of Germ Cell Biology, National Institute for Basic Biology, Japan: “Clonal dynamics of mouse sperm stem cells: underlying genetic maintenance and inheritance” 16 January 2025

Mikio Shimada, Assistant Professor, Laboratory for Zero Carbon Energy, Institute of Integrated Research, Institute of Science Tokyo, Japan: “Radiation-induced genomic instability and its effects on neurogenesis” 31 January 2025

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Todd DeWees, Professor, Division of Biostatistics, Department of Computational and Quantitative Medicine, Beckman Research Institute at City of Hope, USA: “Advancing Quality of Life Research: A Journey Through Methodology, Collaboration, and Collation of QOL Data for Future Research” 3 February 2025

RERF COLLOQUIA

The 147th RERF Colloquium

19 April 2024

Yoshimi Tatsukawa, Assistant Chief, Department of Clinical Studies, “Radiation Dose and Markers of Insulin Resistance and Inflammation in Atomic Bomb Survivors”

The 148th RERF Colloquium

24 May 2024

Yoichiro Kusunoki, Senior Scientist, and **Kengo Yoshida**, Assistant Department Chief and Chief of Immunology Laboratory, “Update on RERF’s mouse clonal hematopoiesis study”

The 149th RERF Colloquium

20 September 2024

Ritsu Sakata, Acting Department Chief, Department of Epidemiology, “Incidence study of Hematological Malignancies among LSS subjects; 1950-2009”

The 150th RERF Colloquium

18 October 2024

Munechika Misumi, Assistant Chief, Department of Statistics, “Analysis of Colorectal Cancer Incidence in the LSS Cohort Considering Adenomas (Polyps)”

The 151st RERF Colloquium

20 December 2024

Chisa Eguchi, Department of Cardiovascular Medicine, Nagasaki University, “Association between Prevalence of Left Ventricular Diastolic Dysfunction and Radiation Exposure in the Atomic Bomb Survivors”

The 152nd RERF Colloquium

31 January 2025

Masataka Taga, Research Scientist, Department of Molecular Biosciences, “Mouse model study for exploring the mechanisms of radiation-associated liver cancer”

SYMPOSIUM

International Symposium on Ethical, Legal, and Social Issues (ELSI) regarding Return of Results for Genome Studies of Atomic Bomb Survivors

Date: December 12 – 13, 2024

Place: RERF Auditorium, Hiroshima and via online

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Guest Presentations (Presentation order):

Shigeru Katamine, Former President, Nagasaki University, Japan: “Stakeholder Committee on Genome Sequencing Analysis for A-bomb Survivors’ Children” (Online presentation)

Kenichi Arita, Medical Doctor, Hiroshima Atomic Bomb Nursing Home Funairi Mutsumi-en, and Mihara Red Cross Hospital, Japan: “What RERF Can Obtain from Narratives of Hibakusha”

David T. Miller, Director, Neurofibromatosis Research Initiative, Associate Professor of Pediatrics, Boston Children’s Hospital, USA: “History, Philosophy, and Process of the ACMG Secondary Findings List”

Leslie G. Biesecker, Director, Center for Precision Health Research, National Human Genome Research Institute, NIH, USA: “Return of Results in Research”

Yvonne Bombard, Professor and Canada Research Chair in Genomics Health Services and Policy, Institute of Health Policy, Management and Evaluation, University of Toronto, Canada: “Returning Secondary Findings in Canada: Outcome, Preferences and Costs”

Douglas Stewart, Senior Investigator, National Cancer Institute, USA: “Return of Results in Research: Seven Strategies for Success”

Fuji Nagami, Professor, Tohoku Medical Megabank Organization, Tohoku University, Japan: “Return of Genomic Results in Tohoku Medical Megabank Project, Japan”

Kaori Muto, Team Leader, Laboratory of Biomedical Ethics and Co-design, Center for Integrative Medical Sciences, RIKEN, and Professor, The Institute of Medical Science, The University of Tokyo, Japan: “Ethical considerations in genomic research and community engagement with burdened historical memory”

Hidewaki Nakagawa, Team Leader, Laboratory for Cancer Genomics, Center for Integrative Medical Sciences, RIKEN, Japan: “International collaboration and data sharing for Japanese genomic studies”

Takao Hinoi, Professor, Genetic Medicine, Hiroshima University Hospital, Japan: “Current Status of Cancer Genome and Returning Germline Findings at Hiroshima University Hospital ~Establishment of a system to cope with the transition from gene panel testing to WES/WGS analysis~”

Kiyonori Miura, Professor, Obstetrics and Gynecology, Nagasaki University Graduate School of Biomedical Science, Japan: “Clinical genomic medicine at Nagasaki University”

Megan Frone, Genetic Counselor, National Cancer Institute, USA: “Challenges and Considerations for Return of Germline Genetic Results”

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Junji Kayukawa, Associate Professor, Eikei University of Hiroshima, Japan: “Return and sharing of trio genome study results”

RERF Presentations:

Asao Noda, Consultant, Department of Molecular Biosciences: “History of RERF research to evaluate the genetic effects of radiation exposure on the children of atomic bomb survivors”

Arikuni Uchimura, Assistant Chief, Department of Molecular Biosciences: “RERF Trio Whole Genome Sequencing (WGS) Study - Design, current status and public relation activity”

Arikuni Uchimura, Assistant Chief, Department of Molecular Biosciences and **Noriaki Yoshida**, Division Chief of Clinical Laboratory, Department of Clinical Studies: “Proposed plan for data return at RERF”

Waka Ohishi, Chief, Department of Clinical Studies,: “Status of Informed Consent for Trios”

Other Guest Participants:

Kazuto Kato, Professor, Graduate School of Medicine, Osaka University, Japan

Yoshiya Shimada, President, Institute for Environmental Sciences, Japan

Chikashi Terao, Team Leader, Laboratory for Statistical and Translational Genetics, Center for Integrative Medical Sciences, RIKEN, Japan

Yusuke Inoue, Professor, Graduate School of Medicine, Kyoto University, Japan