令和 8 年度　第 42 回　大学院セミナー

令和 8 年 11 月 12 日

分 野 名	分子腫瘍・診断学分野 責任者名(光武　範吏)　　内線(7116)
演　　題 Title	原研研究集会・研究報告 Cross-talk between environmental exposures and predisposing to thyroid cancer genetic variants in the Chernobyl papillary thyroid carcinoma
講 師 等 Presenter	Vladimir Saenko, Associate Professor Department of Radiation Molecular Epidemiology Atomic Bomb Disease Institute, Nagasaki University
概要 Abstract	Environmental exposures (E) to radioactive and stable iodine, and germline genetic (G) variants predisposing to thyroid cancer are thought to contribute to the development of thyroid cancer after the Chernobyl accident. However, their joint effect and interaction effects remained largely unknown. A retrospective observational case-control study that combined the demographic data, individual radiation doses to the thyroid, extent of stable iodine consumption and genotypes at six predisposing SNVs in statistical models was performed to address the individual environmental and genetic factor effects, and those of ExE, GxG and GxE interactions. The study provided evidence that environmental and genetic factors display complex relationships seen as effect modifications within and across the two risk factor types. The most important finding was the lack of potentiation of each other's factor type effect on the development of radiation-related thyroid cancer after the Chernobyl accident.
開 催 日 時 Date and Time	令和 8 年　11 月　25 日(　水　) 17:30　～　18:30
開 催 方 法 Online/Face to face	Microsoft Teams (Online)
備　　考 Notes	本セミナーは原研研究集会として行います。 原研以外で受講を希望する場合は、ID・パスワードをお教えしますので、右までご連絡ください。(E-mail: drms@ml.nagasaki-u.ac.jp) If you are not a member of GENKEN and wish to attend, please contact us at (drms@ml.nagasaki-u.ac.jp) for an ID and password.

□先端医療科学特論(基礎編)　　□先端医療科学特論(臨床編)
□先端新興感染症病態制御学特論　　■先端放射線医療科学特論
□日本語(Japanese)　　■英語(English)
□対面(Face to face)　　■オンライン(Online)