

令和5年度 第34回 大学院セミナー

令和5年7月11日

分野名 Area of Research (責任者名)(内線)	人類遺伝学分野 (原研遺伝) 責任者名 (吉浦 孝一郎) 内線 (7120)
演題 Title	第179回原研研究集会 GENKEN research seminar 「Four conserved amino acids on human papillomavirus E6 are a determinant of cervical lesion progression」
講師等 Presenter	原研遺伝:三嶋 博之 助教 Hiroyuki Mishima, Assistant Professor
概要 Abstract	Human papillomavirus (HPV) types included in the genus alpha papillomavirus (alpha-HPVs) are subdivided into high- and low-risk HPVs associated with tumorigenicity. According to conventional risk classification, over 30 alpha-HPVs remain unclassified. Here, we propose a novel cervical lesion progression risk classification strategy. Using four E6 risk distinguishable amino acids (E6-RDAAs), we successfully expanded the conventional classification to encompass alpha-HPVs and resolve discrepancies. We validated our classification system using alpha-HPV-targeted sequence data of 325 cervical swab specimens from participants in Japan. Clinical outcomes significantly correlated with the E6-RDAA classification. Four of five HPV types in the dataset that were not conventionally classified (HPV30, 34, 67, and 69), were high-risk according to our classification criteria. This report sheds light on the carcinogenicity of rare genital HPV types using a novel risk classification strategy.
開催日時 Date and Time	令和5年7月26日(水) 17:30 ~ 18:30
開催方法 Online/Face to face	オンライン開催:Zoom
備考 Notes	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、必ずご連絡ください。(email: kyoshi@nagasaki-u.ac.jp) If you would like to participate in this seminar and need Zoom ID please contact Prof. Yoshiura. (email: kyoshi@nagasaki-u.ac.jp)

- 先端医療科学特論(基礎編)
- 先端新興感染症病態制御学特論
- 日本語(Japanese)
- 対面(Face to face)

- 先端医療科学特論(臨床編)
- 先端放射線医療科学特論
- 英語(English)
- オンライン(Online)