

# 令和6年度 第35回 大学院セミナー

令和6年8月28日

分野名 Area of Research (責任者名)(内線)	先進予防医学共同専攻 組織修復学 分野 責任者名( 森 亮一 ) 内線( 7174 )
演題 Title	Novel integrated multi-omics analysis reveals a key role for integrin beta-like 1 in wound scarring
講師等 Presenter	原研組織 森 亮一 (Mori Ryoichi)
概要 Abstract	<p>Our laboratory was established on 1<sup>st</sup> of May, 2024. Our research objectives in this field include elucidating the molecular mechanisms of tissue repair at sites of damage caused by radiation or trauma, and developing novel therapeutic approaches based on these findings. Another goal is to apply the insights obtained from tissue repair studies to the field of aging research, with the aim of developing unique aging research derived from the field of tissue repair.</p> <p>In this seminar, I would like to introduce our recently projects that are (i) establishment of novel multi-omics analysis (comprehensive integrated analysis of spatial transcriptomics using Visium (10x Genomics) and single-cell analysis (10x Genomics)), and (ii) elucidation of molecular mechanisms of skin wound healing and scar formation, focusing on the relationship between inflammation and tissue repair using integrin beta-like 1 (<i>Itgb1l</i>) transgenic mice. And I would like to present preliminary data study on radiation-induced murine skin ulcers, utilizing Visium HD technology from 10x Genomics.</p>
開催日時 Date and Time	令和6年9月25日(水) 17:30 ~ 18:30
開催方法 Online/Face to face	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: hirominoda@nagasaki-u.ac.jp) If you would like to participate in this seminar and need Zoom ID and Password, please contact hirominoda@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)