



## The Frontier Development Program for Genome Editing

広島大学卓越大学院プログラム「ゲノム編集先端人材育成プログラム」

# ONLINE INTERNATIONAL SEMINAR 2023

令和5年度  
国際セミナー

- Front-line of genome editing technology -

—ゲノム編集技術の最前線—

## November 11, 2023 10:00-12:20 (JST)

### Timetable

10:00-10:05	<b>Opening Remarks</b> <b>TSUGA Kazuhiro</b> Executive Vice President (Community Collaboration, Funding and Alumni Associations) of Hiroshima University Program Director of The Frontier Development Program for Genome Editing
10:05-10:55	<b>Lecture</b> <b>“Decoding and Programming the Genome with Epigenome Editing Technologies”</b> <b>Charles Gersbach, Ph.D.</b> John W. Strohhahn Distinguished Professor of Biomedical Engineering, Duke University
10:55-11:05	<b>Break</b>
11:05-12:15	<b>Student Presentation</b> <b>“Analysis of the Role for Inflammatory Signaling in the Epigenetic Regulation of <i>Xenopus</i> Tail Regeneration”</b> YOSHIDA Mana (D1, Life Science Course) <b>“What Determines Cell Fate During Early Mouse Development?”</b> OWADA Hitoshi (D2, Life Science Course) <b>“Regulation of the Stiffness Gradient in the Fibrocartilaginous Enthesis by Sclerostin”</b> YAMBE Shinsei (D2, Medical Course) <b>“A Cell Cycle-Dependent CRISPR Activation System Regulated by Anti-CRISPR and Its Analysis in Living Cells”</b> KISHI Kanae (D3, Medical Course) <b>“Development of Concurrent MMEJ-Assisted Fusional Knock-in Technique for Long Gene Cassette in Human Cells Mediated by CRISPR-Cas9”</b> KAWAI Mio (D3, Life Science Course)
12:15-12:20	<b>Closing Remarks</b> <b>YAMAMOTO Takashi</b> Professor of the Graduate School of Integrated Sciences for Life, Hiroshima University Program Coordinator of The Frontier Development Program for Genome Editing



Fee : Free of charge

Language : English  
(日英同時通訳あり)

Registration:

<https://forms.gle/ddzMT6qu8vGGU6BG6>



by November 8, 2023

#### Contact

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#### Host

The Frontier Development Program for Genome Editing,  
Hiroshima University

#### Sponsor

BioDX innovation platform for industry-academia co-creation,  
COI-NEXT