



The Frontier Development Program  
for Genome Editing



HIROSHIMA UNIVERSITY

## 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> TSUGA Kazuhiro
10:05-10:55	<b>Lecture</b> “Decoding and Programming the Genome with Epigenome Editing Technologies” Charles Gersbach, Ph.D.
10:55-11:05	<b>Break</b>
11:05-12:15	<b>Student Presentation</b> “Analysis of the Role for Inflammatory Signaling in the Epigenetic Regulation of <i>Xenopus</i> Tail Regeneration” YOSHIDA Mana (D1, Life Science Course) “What Determines Cell Fate During Early Mouse Development?” OWADA Hitoshi (D2, Life Science Course) “Regulation of the Stiffness Gradient in the Fibrocartilaginous Enthesis by Sclerostin” YAMBE Shinsei (D2, Medical Course) “A Cell Cycle-Dependent CRISPR Activation System Regulated by Anti-CRISPR and Its Analysis in Living Cells” KISHI Kanae (D3, Medical Course) “Development of Concurrent MMEJ-Assisted Fusional Knock-in Technique for Long Gene Cassette in Human Cells Mediated by CRISPR-Cas9” KAWAI Mio (D3, Life Science Course)
12:15-12:20	<b>Closing Remarks</b> YAMAMOTO Takashi

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