



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 2024

令和6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 16, 2024 10:00-12:20 (JST)

### Timetable

10:00-10:05	<p>Opening Remarks</p> <p><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</p>
10:05-10:55	<p>Lecture</p> <p><b>“Next-generation gene editing for neurodegenerative disorders”</b></p> <p><b>Thomas Gaj, Ph.D.</b> Assistant Professor, Department of Bioengineering, University of Illinois Urbana-Champaign/ Carl R. Woese Institute for Genomic Biology, University of Illinois Urbana-Champaign</p> 
10:55-11:05	<p><b>Break</b></p>
11:05-12:15	<p>Student Presentation</p> <p><b>“Understanding the molecular mechanisms generating distinct phenotypes in response to light”</b> <b>HIRAGA Hirokuni (D2, Life Science Course)</b></p> <p><b>“Hippo-activated cells induce non-cell autonomous carcinogenesis in <i>Drosophila</i>”</b> <b>HONDA Daichi (D2, Life Science Course)</b></p> <p><b>“Can strengthening innate immunity be effective against highly pathogenic avian influenza viruses?”</b> <b>KOBAYASHI Satoko (D2, Life Science Course)</b></p> <p><b>“RudLOV- a new optically synchronized cargo transport method reveals unexpected cargo transport mechanisms”</b> <b>TAGO Tatsuya (D3, Life Science Course)</b></p> <p><b>“SauCas9-based cell cycle-dependent gene editing shows increased HDR efficiency”</b> <b>MATSUGI Erina (D3, Medical Course)</b></p>
12:15-12:20	<p>Closing Remarks</p> <p><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</p>

Fee : Free of charge

Language :  
English  
(日英同時通訳あり)

Registration:

[https://docs.google.com/forms/d/e/1FAIpQLScwLGnfVyGafnoaW9epXx0tEJKzQmoj5zEjKf8wiCI\\_5d3NA/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLScwLGnfVyGafnoaW9epXx0tEJKzQmoj5zEjKf8wiCI_5d3NA/viewform?usp=sf_link)



by November 13, 2024

#### Contact

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#### Host

The Frontier Development Program for Genome Editing,  
Hiroshima University

#### Coordinator

BioDX innovation platform for industry-academia co-creation, COI-NEXT  
Headquarters for Co-creative Future Sciences, Center for  
Collaborative Sciences, Hiroshima University