

2021 Yokohama City University Fellowship for Innovative Students with Data Thinking

Research Presentation



DATE : Feb. 17, 2022 (Thu)

TIME : 17:00 to 19:00

**VENUE : Online (Zoom) and
Minatomirai Satellite Campus**

※You may choose whether you will attend virtually (via Zoom) or physically at the Minatomirai Satellite Campus.



**Minatomirai Satellite
Campus**

【Details】 (Presentations in English : Simultaneous interpretation in Japanese)

1. Identification of transit amplifying progenitors of epithelial cells in the thymus
2. Pumping mechanism of NM-R3, a light-driven bacterial chloride importer in the rhodopsin family
3. Analysis for the induction-mechanism of sepsis regulated by adipose tissue
4. Elucidation of progression mechanism of familial platelet disorder to acute myeloid leukemia.
5. Development of CPLB method toward the analysis on electrode surfaces
6. Can Postmortem CT diagnose hematoma around cervical cord?
7. Elucidation of the mechanism of Cajal body formation through novel multi-omics analysis of Cajal body constituents
8. AMPA Receptors and Autism Spectrum Disorder (ASD)

【Discussions】 (In English depending on presenter.)

Theme : How to use "Data Thinking" for future research ?

◆ **What is "Fellowship for Innovative Students with Data Thinking" ?** ◆

We foster innovative students who create smart and healthy societies that elevate the quality of society, and who have the ability to thoroughly analyze and explain events based on "Data Thinking" to create new value based on their respective knowledge.

Turumi Campus
Medical life Science



Kanazawa Hakkei Campus
Urban Social and Cultural Studies
International Management
Nanobioscience
Data Science

Fukuura Campus
Medicine



▼Inquiries :

Fellowship for Innovative Students with Data Thinking Executive Office

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2021 Yokohama City University Fellowship for Innovative Students with Data Thinking

Adopted by the Ministry of Education, Culture, Sports, Science and Technology in February 2021

“University Fellowship Creation Project for the Creation of Science and Technology Innovation”



Taking advantage of the features of our university, we foster innovative students who **create smart and healthy societies that elevate the quality of society**, and who **have the ability to thoroughly analyze and explain events based on "Data Thinking"** to create new value based on their respective knowledge from the doctoral programs of our 6 Graduate Schools.

● Program Name

Fellowship for Innovative Students with Data Thinking



● Mission

Career path support / research support for Doctoral Researchers



● Eligibility: 8 places/Grede (Support up to 3 years)

- Be enrolled in one of YCU's 6 Graduate School's doctoral programs
 - Be under 30 years old (Under 33 years old for the School of Medicine)
 - Research theme must be “health and social research”, and research method must be “data thinking”.
 - Research has the potential to bring new value to society and induce innovation.
 - Research has a humanities-integrated element and an interdisciplinary element.
- *Not eligible: experienced working adults, other benefit recipients, government-sponsored international students.

● Main Support

- Living support (1.8 million yen/year), Research support (200,000 yen/year)
 - Improvement of research ability and Career path support (implementation of lectures, internships, joint research)
 - Securing career paths (new role creation, exchange meetings, internship development)
 - Implementation of joint research presentation
- *Participation in internships, support courses, research presentations, etc. is compulsory.



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