Q-AOS

ブラウンバッグセミナー

Brown Bag Seminar No.063

Recorded data will be uploaded

Online (Zoom)

Scan here for Registration

2022 **8.31** (wed.) **12:10 ~ 12:50**

12:10-12:15 ◆ **Introduction**

12:15-12:40 ◆ **Seminar** (Presentation)

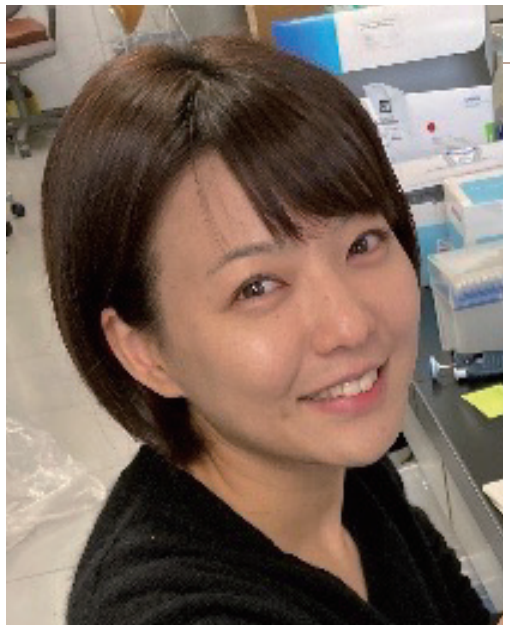
12:40-12:50 ◆ **Q&A**

https://temdec-med-kyushu-u-ac-jp.zoom.us/webinar/register/WN_rS5Hssa_Sq6QcBKrZTRmdA

Supported by Kyushu University,Q-AOS & TEMDEC

Brain Diseases and Immune Response

Chair: **Assoc. Prof. Fumihiko YOKOTA** (Research Promotion Coordinator of Q-AOS)



Associate Professor Minako ITO

Medical Institute of Bioregulation

3 GOOD HEALTH AND WELL-BEING

17 PARTNERSHIPS FOR THE GOALS

In recent years, the linkage between the nervous system and the immune system has been the focus of much attention. In addition to neurodegenerative diseases such as Alzheimer's disease, the involvement of the immune system has begun to be strongly implicated in the pathogenesis of psychiatric disorders such as autism spectrum disorder (ASD). It is also becoming clear that immune cells are involved in brain development and aging. The interaction between various immune cells and nervous system cells is thought to be important in various events such as pathological conditions, development, and aging.

Using a mouse model of cerebral infarction, we have reported on the regulatory mechanisms of inflammation and neurological symptoms by immune responses after cerebral infarction. In this seminar, we will introduce immune responses in the brain during various central nervous system (CNS) diseases and brain development.

Her home town is Fukuoka, and she entered the Department of Biomedical Science, Kyushu University School of Medicine, established in 2007, as a first-generation student. After completing her undergraduate studies, she received her master's degree from the Department of Virology, Faculty of Medical Sciences, Kyushu University 2011. She received Ph.D. degree from the Department of Microbiology and Immunology, Keio University School of Medicine. She continued her research on immune response and its significance after cerebral infarction as a Project Assistant Professor and Lecturer at Keio University, and returned to Kyushu University as a tenure-track Independent Associate Professor at the Medical Institute of Bioregulatory, Kyushu University, in February 2020. Currently, she is continuing her research on the role of immune cells not only in cerebral infarction but also in various central nervous system diseases.

Key Words

"immune responses"

"central nervous system diseases"

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