

# Brown Bag Seminar

ブラウンバッグセミナー



Recorded data will be uploaded  
**Online (Zoom)**

**2022.2.16** (Wed.)

Supported by Kyushu University, Q-AOS & TEMDEC

Scan here for Registration

**JP ↔ EN**  
Simultaneous Interpretation

**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\\_L2F6kN3qSfCHT8sxBCRuzw](https://temdec-med-kyushu-u-ac-jp.zoom.us/webinar/register/WN_L2F6kN3qSfCHT8sxBCRuzw)

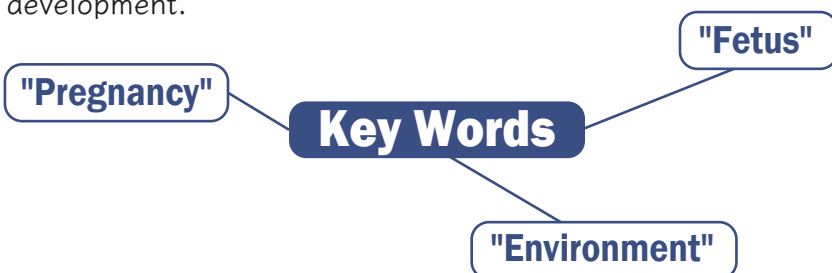
## The Influence of the Prenatal Environment on Human Development

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



In this seminar, he will discuss the impact of the fetal environment on human development.

The long-term effects of the fetal environment on human health have been reported since as early as the 1980s, and are referred to as the DOHaD (Developmental Origins of Health and Disease) theory. Specifically, there have been various reports, starting with a report that undernutrition in pregnant women not only leads to low birth weight and premature births, but also increases the frequency of lifestyle-related diseases in adulthood and beyond. This concept is now being incorporated into health policies and recommendations in Japan. Using data from the Japanese Society of Obstetrics and Gynecology's Perinatal Registration Database and the JECS, he will discuss the results of his research on air pollution and maternal lifestyle as environmental factors during the fetal period, and the resulting problems with the child's sleep-wake rhythm and development.



Professor **Seiichi Morokuma**

Department of Health Sciences,  
Graduate School of Medical Sciences,  
Kyushu University

After graduating from Kyushu University School of Medicine, he worked as an obstetrician and gynecologist. At the Graduate School of Medicine, Kyushu University, he conducted research on the behavioral development of the human fetus using ultrasound tomography and obtained his M.D. degree. Continued to work as an obstetrician and gynecologist at Kyushu University Hospital while continuing his research. In his previous position (Research Center for Environment and Developmental Medical Sciences, Kyushu University), he was involved in a cohort study (JECS; Japan Environment and Children's Study) from pregnancy conducted by the Ministry of the Environment, and in April 2018, he was appointed to his current position as a professor in the Department of Health Sciences, Kyushu University Graduate School of Medical Sciences. He is conducting research on the behavioral development of human fetuses and the impact of pregnant women's lifestyles on maternal and infant health.