

# 2024



# International Symposium

on the UN's Sustainable Development Goals

**Date: September 14, 2023 (Thur.)**

**13:00 – 16:30**

**Venue: MIRAI CREA 2FLargeConferenceRoom  
(Poster Presentation 14:10-15:10 1F Hall)**

The UN's Sustainable Development Goals (SDGs) consist of 17 interdependent goals that are expected to be achieved by 2030. We at the Graduate School of Integrated Sciences for Life and School of Applied Biological Science have conducted comprehensive research and education which are directly involved in at least half of the goals (No Poverty, Zero Hunger, Good Health and Well-being, Clean Water, Responsible Consumption and Production, Climate Action, Life Below Water, Life of Land). In this symposium, through a total of 6 sessions covering the environment ~ biological diversity ~ bio-resource production ~ food sciences, researchers from our partner universities will deliver their research outcomes or country reports. At the end, we are going to discuss how we could elaborate comprehensive solutions or breakthroughs to help achieve the UN's SDGs, to pursue a sustainable and peaceful world through our researches.

## Program

- 13:00 Opening Message by the Dean**
- 13:10 Session1 : Dr. Fika Yuliza Purba  
( Hasanuddin University )**
- 13:30 Session2 : Dr. Ching Fui Fui  
( Malaysia Sabah University )**
- 13:50 Session3 : Dr. John King N. Layos  
( Capiz State University )**
- 14:10 Poster presentations by Invited Students and  
Hiroshima University Students**
- 15:10 Session4 : Dr. Alvin Monotilla  
( University of San Carlos )**
- 15:30 Session5 : Dr. Sameh Abdel-Fattah M.Abdel-Salam  
( Cairo University )**
- 15:50 Session6 : Dr. Nii Takahiro  
( Hiroshima University )**
- 16:10 General Discussion**

◆ This symposium is counted for students as a Science Seminar [Kyodo Seminar].

Hosted by the Graduate School of Integrated Sciences for Life,  
the School of Applied Biological Science, Hiroshima University  
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HIROSHIMA UNIVERSITY

This activity is being carried out with the support of the 2023 International Youth Science Exchange Program (Sakura Science Program) of the Japan Science and Technology Agency.

# Program

**13:00 Opening Message by the Vice Dean**

**13:10 Session 1**



**" Foot and Mouth Disease in Smallholder Farming Systems  
: A Case Study in Indonesia "**

Dr. Fika Yuliza Purba ( Hasanuddin University / Indonesia )  
Chair Dr. KATO Aki ( Hiroshima University / Japan )

**13:30 Session 2**



**" Fostering Sustainable Aquaculture: A Catalyst for Achieving the SDGs "**

Dr. Ching Fui Fui ( Malaysia Sabah University / Malaysia )  
Chair Dr. OHTSUKA Susumu ( Hiroshima University )

**13:50 Session 3**



**" Southeast Asia as one of the centers of pig domestication  
: a perspective based on mitochondrial DNA "**

Dr. John King N. Layos ( Capiz State University / Philippines )  
Chair Dr. Cyrill John Prima Godinez ( Visayas State University / Philippines )

**15:10 Session 4**



**" Green Seaweed Ulva spp. production in the Philippines "**

Dr. Alvin Monotilla ( University of San Carlos / Philippines )  
Chair Dr. KATO Aki ( Hiroshima University )

**15:30 Session 5**



**" Integrated farming system toward achieving SDGs "**

Dr. Sameh Abdel-Fattah M. Abdel-Salam ( Cairo University / Egypt )  
Chair Dr. OBITSU Taketo ( Hiroshima University )

**15:50 Session 6**



**" New Potential Uses of Probiotics in laying Hens "**

Dr. Nii Takahiro ( Hiroshima University )

**16:10 General Discussion**