

生物生産学部・統合生命科学研究科 国際シンポジウム

International Symposium

on the UN's Sustainable Development Goals

日時: 2024年9月12日(木) 9:30 – 14:00

場所: 生物生産学部棟 C201(ポスター発表11:00-12:00 会場C203)

Online参加登録



国連の持続可能な開発目標

(The UN's Sustainable Development Goals; SDGs)は相互に関連する17のゴールからなり、2030年までの達成が求められています。

私たち統合生命科学研究科・生物生産学部は少なくともこれら半分のゴールを直接カバーする、包括的な研究・教育を行っています。

このシンポジウムにおいては、環境～生物多様性～生物資源の生産～食品科学の幅広い分野を網羅する6つのセッションを通して、協定大学等から招いた研究者が研究成果や自国の実情を発表します。

これらの発表を通して、持続可能な開発目標を達成し、真に持続的であり平和的な世界を構築するための包括的な解決方法やブレークスルーを議論したいと考えています。

Program

9:30 開会のあいさつ

9:40 Session1 : Dr. Breno Eduardo Da Silva Barros
(Federal Rural University of Amazonia)

10:00 Session2 : Dr. Wahyudin
(University Maritim Raja Aki Haji)

10:20 Session3 : Dr. Ana Marquiza M. Quilicot
(Visayas State University)

10:40 Session4 : Dr. Cyrill John P. Godinez
(Visayas State University)

11:00 招へい学生・広島大学生によるポスター発表

13:00 Session5 : Dr. Yunika Myangsari
(Gadjah Mada University)

13:20 Session6 : Dr. CAIGOY Jant Cres Cainglet
(Hiroshima University)

13:40 総合討論

◆このシンポジウムは、統合生命科学研究科共同セミナーの単位になります。

主 催 : 広島大学生物生産学部・大学院統合生命科学研究科
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HIROSHIMA UNIVERSITY

Program

Opening Message by the Dean
9:30

Session 1
9:40 – 10:00

(Brazil time
Sep.11 21:40-22:00)

**"Playing seek and hide in nature:
Enhancing survival skills through leaf mimetic behavior in vertebrates"**

Dr. Breno Eduardo Da Silva Barros (Federal Rural University of Amazonia / Brazil)
Chair Dr. SAKAI Yoichi (Hiroshima University / Japan)



Session 2
10:00 – 10:20

**"Marine Protected Areas in Bintan Island, Indonesia: A Cost-Benefit Analysis
of Coral Reef Conservation and Fisheries Enhancement"**

Dr. Wahyudin (University Maritim Raja Aki Haji / Indonesia)
Chair Dr. YAMAMOTO Tamiji (Hiroshima University)



Session 3
10:20 – 10:40

**"VSU-CVM's Impact on the UN Sustainable Development Goals
Through Animal Health Research and Extension Activities"**

Dr. Ana Marquiza M. Quilicot (Visayas State University / Philippines)
Chair Dr. NAKAMURA Yoshiaki (Hiroshima University)



Session 4
10:40 - 11:00

**"Molecular Genetic Characterization of Farm Animal Genetic Resources (FAnGR)
in the Philippines: FAO Strategic Priority for Global Action Plan for FAnGR"**

Dr. Cyrill John P. Godinez (Visayas State University / Philippines)
Chair Dr. NISHIBORI Masahide (Hiroshima University)



11:00 – 12:00 Poster presentations by Invited Students and HU Students
Onsite Only

12:00 – 13:00 < < < **Lunch Break** > > >

Session 5
13:00 – 13:20
(Indonesia time
11:00-11:20)

"Indonesian Functional Food and Functional Ingredients for Gut Health"

Dr. Yunika Mayangsari (Gadjah Mada University / Indonesia)
Chair Dr. SUZUKI Takuya (Hiroshima University)



Session 6
13:20 – 13:40

"Breaking the Barrier : Targeting Biofilms for Food Safety and Hygiene "

Dr. CAIGOY Jant Cres Cainglet (Hiroshima University)
Chair Dr. SUZUKI Takuya (Hiroshima University)



General Discussion
13:40 -14:00

Poster Presentations

by Participating Summer School Students

12 September, 2024 (Thur.) 11:00-12:00

	" Title " Presenters Name (University Name)
1	"Spatial Distribution of Macroplastics on the Coastal Areas of Tanjungpinang City, Indonesia" Sintana Tri Yuniar (Universitas Maritim Raja Ali Haji) 
2	"Marine Debris and Its Relation to Gastropods in the Waters of Tanjungpinang City, Indonesia" Deby Mauren Sipayung (Universitas Maritim Raja Ali Haji) 
3	"Phenotypic and molecular genetic characterization of local mallard ducks (Anas platyrhynchos, Linnaeus, 1758) in Southern Leyte based on mitochondrial DNA" Manuel Salvador J. Aras, Jr. and Carla Cabardo (Visayas State University) 
4	"Application of a Modified Animal-based Welfare Assessment Tool for Goat Farms in Leyte, Philippines" Thereza Marie L. Cahig (Visayas State University)  

Poster Presentations by HU Students

12 September, 2024 (Thur.) 11:00-12:00

	" Title "	Presenters Name
1	" Effects of cashew nutshell liquid on milk production and methane emission of dairy cows in a farm condition"	Gaspe, R - Jun Frederick Avelino 
2	"Gut-brain axis modulation of typical and non-typical prebiotics"	Braga Jason Dumaguing    
3	"Elucidating the Beneficial Health Effect of Anti-inflammatory Peptides Derived from Jack Bean (Canavalia ensiformis (L.) DC) Protein Hydrolysates"	WIJATNIKO Bambang Dwi      
4	"Study on the Endotoxin Tolerance (ET) in the Mammary Gland of Goats"	JAISUE Jirapat 
5	"Compression molding of food powder based on glass transition temperature for sustainable society"	MOCHIZUKI Takumi  
6	"Effect of Sucrose Esters on Crystallization Behavior of Cocoa Butter in Oil-in-Water Nanoemulsion"	Mufida Nuha 
7	"Effect of electric field application on CB crystallization"	NAKAO Yuka 
8	"Effects of the shrinkage control on steamed cakes made from rice flour"	OMURA Rinka 
9	"Effect of hydrostatic pressure on crystal polymorphism of cocoa butter"	TAMURA Keigo 
10	"Controlling crystallization behavior of cocoa butter by using high intensity ultrasound and stirring simultaneous stimulation"	Zining Wang 