



International Symposium

Institute for Food Design and One Health Research
Interdisciplinary Cluster for Cutting Edge Research (ICCER)

PEOPLE
ANIMALS
PLANTS
ENVIRONMENT
FOR A HEALTHIER
TOMORROW

From Genes to Health: Food Design for One Health

Integrating Human, Animal, Plant, and Environmental Sciences

One Health
for Sustainable
Food Systems



Date and Time:

November 12, 2026 13:00 – 16:55



Place:

Shinshu University, Ina-campus (Room 26)

Program

13:00–13:10		Opening Remarks	Sachi Tanaka (Shinshu University)
13:10–13:20		Guest Remarks	Mariasivlia D'Andrea (University of Molise)
13:20–13:50		From Forest to Food: Natural Resources of Green Shinshu for the Prevention of Obesity and Steatotic Liver Disease	Naoki Tanaka (Shinshu University)
13:50–14:20		From Food-Grade Microbes to Health: Harnessing <i>Lactococcus lactis</i> for Next-Generation Oral Vaccines	Valentina Yurina (Brawijaya University)
14:20–14:50		From Stress Responses to Adaptation: Cellular and Nutritional Strategies for Poultry Health	Yukako Tokutake (Shinshu University)
14:50–15:20		Coffee break	
15:20–15:50		A One Health Approach to Selenium Using Duckweed: Bridging Sustainable Aquatic Remediation and Micronutrient Reuse.	Jorge Enrique Ascencio Damián (Shinshu University)
15:50–16:20		Integrating Genomics, Omics and Bioinformatics for Sustainable Agriculture and Food	Valentino Palombo (University of Molise)
16:20–16:50		Data Science-Driven Plant Genomics and Breeding for a One Health Future	Fumiya Kondo (Shinshu University)
16:50–16:55		Closing Remarks	Sachi Tanaka (Shinshu University)

