

Date: February 19 (Wed), 2020
Place: Espace (Tohoku University Katahira Campus)
(2-1-1 Katahira, Aoba-ku, Sendai, Miyagi 980-8577, JAPAN)
Participants: Tohoku University Graduate School of Agricultural Science
Tohoku University Graduate School of Dentistry
Tohoku University Graduate School of Medicine
Tohoku University Graduate School of Environmental Studies
Tohoku University Graduate School of Pharmaceutical Sciences
NARO National Institute of Animal Health
Sponsors: JSPS Core-to-Core Program
CFAI, Tohoku University Graduate School of Agricultural Science
Frontier Research Institute for Interdisciplinary Sciences, Tohoku University

Opening (10:45-11:00)

Tomonori Nochi (Tohoku University Graduate School of Agricultural Science)

Presentation 1 (11:00-11:20)

Ryota Hirakawa (Tohoku University Graduate School of Agricultural Science)

Title: *Heat stress causes systemic and mucosal immune abnormality via massive damage to effect proliferation and differentiation of lymphocytes in chickens*

Chair: Mayuko Saito

Presentation 2 (11:20-11:40)

Saeka Uchino (Tohoku University Graduate School of Agricultural Science)

Title: *Identification of an inflammatory molecule produced in the mammary gland at the early stage of lactation*

Presentation 3 (11:40-12:00)

Katsuki Usami (Tohoku University Graduate School of Agricultural Science)

Title: *Identification of intestinal microorganisms that facilitate to induce Peyer's patch-dependent maternal IgA production*

Presentation 4 (12:00-12:20)

Yuya Nagasawa (National Institute of Animal Health, NARO)

Title: *The development of nasal vaccine for bovine mastitis caused by Staphylococcus aureus*

Lunch (12:20-13:20)

Presentation 5 (13:20-13:40)

Karen Labayo (Tohoku University Graduate School of Medicine)

Title: *Anti-norovirus immunoglobulin A in breast milk for protection of breastfed infants against norovirus-associated diarrhea*

Chair: Toshinobu Kuroishi

Presentation 6 (13:40-14:00)

Syun-suke Kadoya (Tohoku University Graduate School of Engineering)

Title: *Genetic diversity and free chlorine susceptibility of a rotavirus A strain*

Presentation 7 (14:00-14:20)

Hiroyuki Tada (Tohoku University Graduate School of Dentistry)

Title: *Porphyromonas gingivalis induces the production of IL-31 by human mast cells, resulting in dysfunction of the gingival epithelial barrier*

Presentation 8 (14:20-14:40)

Reiska Kumala Bakti (Tohoku University Graduate School of Dentistry)

Title: *Calcipotriol augments sublingual immunotherapy for OVA-induced delayed-type hypersensitivity*

Coffee Brake (14:40-15:00)

Presentation 9 (15:00-15:20)

Takeshi Kawabe (Tohoku University Graduate School of Medicine)

Title: *T-bet(hi) memory-phenotype CD4 T cells are spontaneously generated in steady state and exert innate Th1-like effector function*

Chair: Tomohito Hayashi

Presentation 10 (15:20-15:40)

Shunichi Tayama (Tohoku University Graduate School of Medicine)

Title: *IQGAP1 regulates ILC2 apoptosis in the lung*

Closing Remarks (15:40-16:00)

Hiroshi Kiyono (University of California at San Diego & Institute of Medical Science, The University of Tokyo)

Presentation: 15min, Discussion: 5min