



KKU-FRIS/DIARE Joint Virtual Workshop for Students  
(online; zoom)

July 6th, 2022

13:30 pm - 13:40 pm Opening Remarks: Prof. Ken-ichi Hikasa (DIARE) and Prof. Dong Kug Choi (KKU)

Chair: Dr. Takuya Mabuchi (FRIS)

1. 13:40 pm - 13:55 pm DIARE [Speaker: Liu Yingxu]  
Title: Does Anime, Idol Culture Bring Depression? Structural Analysis and Deep Learning on Subcultural Identity and Various Psychological Outcomes
2. 13:55 pm - 14:10 pm KKU [Speaker: Da Hee Kim]  
Title: Fermented Aronia melanocarpa inhibits melanogenesis through dual mechanisms of the PI3K/AKT and PKA/CREB pathway
3. 14:10 pm - 14:25 pm DIARE [Speaker: Shunichi Tayama]  
Title: CARS2-dependent sulfur metabolism controls intestinal inflammation by suppressing T cell proliferation
4. 14:25 pm - 14:40 pm KKU [Speaker: Woo-Jin Lim]  
Title: ZBTB3 is a novel transcriptional regulator for anabolic metabolism
5. 14:40 pm - 14:55 pm DIARE [Speaker: Uchino Saeka]  
Title: The diversity of IgA producing cells in the mammary gland
6. 14:55 pm - 15:10 pm KKU [Speaker: Ye-Rin Jung]  
Title: Serum potentiation of TNF-induced necroptosis
7. 15:10 pm - 15:25 pm DIARE [Speaker: Wei Yanxiao]  
Title: Explore New Method of Municipal Wastewater Treatment from the Natural Microbial Nitrogen-cycling Network Aimed at Energy Self-Sufficiency and Carbon Emission Reduction

15:25 pm - 15:40 pm Break



Chair: Prof. Ji-Hong Lim (KKU)

8. 15:40 pm - 15:55 pm KKU [Speaker: Hyerim Ma]

Title: Heparin-based bioconjugates for tumor-specific apoptosis and ferroptosis

9. 15:55 pm - 16:10 pm DIARE [Speaker: Adeoya Akmdele Abimibayo]

Title: Improvement of Child Nutrition in Disaster

10. 16:10 pm - 16:25 pm KKU [Speaker: Joonsoo Kim]

Title: Elucidation of the roles of nuclear receptor Nurr1 in neural injury and the development of small molecules via TNF-R1 pathway

11. 16:25 pm - 16:40 pm DIARE [Speaker: Takahiro Morito]

Title: Astrogliosis Neuroimaging in Rodent Models of Neuroinflammation

12. 16:40 pm - 16:55 pm KKU [Speaker: Minho Keum]

Title: Molecular chaperone-induced unfolding and aggregation of elongation factor Tu

13. 16:55 pm - 17:10 pm DIARE [Speaker: Xuan Yining]

Title: Over bioimaging: The utilization of gold nanoparticles in fiber-based network

17:10 pm - 17:30 pm Closing Remarks: Prof. Toshiyuki Hayase (FRIS) and Prof. Young-Ho Lee (KBSI)