

# Animal Bioscience Forum 2022

**Theme:** Animal Biosciences to Improve Animal Health and Production

[Recent biotechnology advancement and its application]

**When:** 14:30 (KST) on August 25 (Thursday), 2022

**Where:** ICC, Jeju, Korea

**Mode:** In-person (with a chance for Hybrid format)

**Organized by:** Animal Bioscience

**Sponsored by:** Pathway Intermediates

**Supported by:** 19<sup>th</sup> AAAP Organizing Committee

**Facilitator:** Cheol-Heui YUN, Co-Editor-in-Chief of AB; Prof. at Seoul National University

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## Forum Program

[August 25, 2022] [Korea Standard Time]

### 14:30 – 14:40

**Opening the Forum** Cheol-Heui YUN (Seoul National University)

**Welcome address** Jong K. HA (Editor-in-Chief of AB)

**Congratulatory remark** Edward YOUNGMAN (CEO of Pathway Intermediates)

### 14:40 – 15:10 (25 min talk + 5 min QnA)

**Topic 1.** Current gene-editing systems and their applications in livestock and beyond

**Speaker: Tae Sub PARK** [Seoul National University, Korea]

### 15:10 – 15:40 (25 min talk + 5 min QnA)

**Topic 2.** Development and application of gene editing in pig production: reproductive technology pathways from laboratory to farm

**Speaker: Ching-Fu TU** [Agricultural Technology Research Institute, Taiwan]

**15:40 – 16:10** (25 min talk + 5 min QnA)

**Topic 3.** Metagenomic investigation of microbiomes in animal nutrition

**Speaker: Minseok KIM** [Chonnam National University, Korea]

**16:10 – 16:40** (25 min talk + 5 min QnA)

**Topic 4.** MEATabolomics in postmortem aging of beef and pork

**Speaker: Susumu MUROYA** [Institute of Livestock and Grassland Science (NARO), Japan]

**16:40 – 16:45**

**Closing the Forum:** Cheol-Heui YUN, Forum facilitator