



Australian – Korean Societies for Biochemistry and Molecular Biology Joint Symposium
An official satellite meeting of BioMolecular Horizon 2024

PROGRAMME

- 08:30 – 09:00** Registration
- 09:00 – 09:10** **Prof. Megan Maher** (President-Elect, ASBMB)
Welcome and opening remarks
- 09:10 – 09:50** **Keynote #1** (Chair: A/Prof. Victor Anggono)
Prof. Bong-Kiun Kaang (Institute of Basic Science, Daejeon)
“Engram synapse”
- 09:50 – 10:30** **Young Investigator Session** (Chair: Dr. Christian Makhoul)
Sponsored by the Clem Jones Centre for Ageing Dementia Research
- 09:50 – 10:10** **Dr. Kristie Stefanoska** (Flinders University, Adelaide)
“Remote memory engrams are controlled by encoding-specific Tau phosphorylation”
- 10:10 – 10:30** **Dr. In Young Hwang** (Institute of Basic Science, Daejeon)
“Tracing astrocyte diversity with a hiPSC-derived model system”
- 10:30 – 11:00** **Coffee Break**
- 11:00 – 12:40** **Session #2** (Chair: Dr. Mihwa Lee)
- 11:00 – 11:25** **Prof. Tae-Kyung Kim** (Pohang University of Science and Technology, Pohang)
“Enhancer RNAs in brain function and plasticity”
- 11:25 – 11:50** **Prof. Irina Voineagu** (University of New South Wales, Sydney)
“A novel transcription regulatory mechanism underlying brain development”

- 11:50 – 12:15 **Prof. Eunji Cheong** (Yonsei University, Seoul)
“Glial modulation of thalamic sensory processing via tonic GABA”
- 12:15 – 12:40 **Dr. John Lin** (University of Tasmania, Hobart)
“Optogenetic and chemical-biological approaches for the modulation of membrane excitability, synaptic release and plasticity”
- 12:40 – 13:30 Lunch Break**
- 13:30 – 15:10 Session #3** (Chair: Prof. Yoo Wook Kwon)
- 13:30 – 13:55 **Prof. Lars Ittner** (Macquarie University, Sydney)
“Molecular mechanism of TDP-43 pathology and its targeting for the treatment of ALS and FTD”
- 13:55 – 14:20 **Prof. Sung Bae Lee** (Daegu Gyeongbuk Institute of Science and Technology, Daegu)
“In silico prediction-based identification of novel neuroprotective factors that buffer huntingtin toxicity”
- 14:20 – 14:45 **Prof. Frederic Meunier** (The University of Queensland, Brisbane)
“Synaptic membrane landscape remodelling greases the wheel of memory”
- 14:45 – 15:10 **Prof. Eunmi Hur** (Seoul National University, Seoul)
“Role of tubulin post-translational modifications in axon degeneration”
- 15:10 – 15:40 Coffee Break**
- 15:40 – 16:20 Keynote #2** (Chair: Prof. Jin Han)
Prof. Clare Parish (The Florey Institute of Neuroscience & Mental Health, Melbourne)
“Advancing stem cell-based therapies for brain repair”
- 16:20 – 16:30 Prof. Ho Jeong Kwon** (President, KSBMB)
Closing remarks

This event is proudly sponsored by:



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Australia-Korea FOUNDATION

CJCADR Clem Jones Centre for
Ageing Dementia Research

Organisers: Victor Anggono (University of Queensland), Mihwa Lee (University of Melbourne), Christian Makhoul (University of Melbourne), Paul Marshall (Australian National University), Tae-Kyung Kim (POSTECH), Kyung-Hee Chun (Yonsei University), Jungmin Choi (Korea University)

Bio21 Institute – 30 Flemington Rd, Parkville VIC 3052