

2025 제16회 한국분자세포생물학회 뇌신경발생학분과 정기 학술대회
부산 해운대 한화리조트 포럼1(3F)

2025.06.26 (목)

13:00-13:20	개회사	김진우 (KAIST)
Session 1		Chair:
13:20-13:45	Astrocyte Epigenetic Memory Promotes CNS Inflammation	이흥균 (서울대)
13:45-14:10	The contribution of de novo coding mutations to meningocele	김상우 (연세대)
14:10-14:35	Human PSC Platform: Cell therapy and SARS-CoV2 in Parkinson's Disease	김태완 (DGIST)
Session 2		Chair:
14:35-14:50	MEG3 Prevents Neuronal Degeneration in Early Neurodevelopment by Restoring Autophagic Flux in CLCN4 Variant Cells	김다연 (KAIST)
14:50-15:05	m6A RNA modification restricts neuroinflammatory response in astrocytes to protect neurodegeneration	이성민 (KAIST)
15:05-15:20	Tau accumulation is cleared by the induced expression of VCP via autophagy	이재근 (KRIBB)
15:20-15:35	Inflammatory memory of astrocytes for triggering microglial A β clearance in an APOE isoform-dependent manner	유지창 (DGIST)
15:35-15:50	AI-Based Modeling of Subcellular Dynamics Reveals Pathological Signatures in Patient-Derived Neurons of Parkinson's Disease	박지성 (KAIST)
15:50-16:10	Coffee break	
Keynote Lecture		Chair:
16:10-16:45	A Mitochondrial Switch for Cell Fate Decision in Early Corticogenesis	박상기 (POSTECH)
Sponsor session		Chair:
16:45-17:05	Single-cell sequencing-based Spatial transcriptomics	이수형 (JCBio)
17:05-18:00	Poster Teaser	포스터 발표자
18:00-19:00	저녁식사	
19:00-20:30	포스터 세션	
20:30-	PI 미팅	

2025.06.27 (금)

Session 3		Chair:
9:30-9:55	Treating brain cancer as a neurological disease	이소현 (KAIST)
9:55-10:10	Role of RDP in the regulation of neural stem cell properties	윤영익 (성균관대)
10:10-10:25	Regulation of CSF flow in the brain ventricle	이혜령 (숙명여대)

10:25-10:40	Ribosomal protein mRNAs function as an injury-responsive RNA operon	장은수 (DGIST)
10:40-11:00	Coffee break	
Session 4		Chair:
11:00-11:15	Characterization of Human Anterior Neural Organoids as a Model for Investigating Cohen Syndrome	Renuka Prasad (고려대)
11:15-11:30	mTORC1-driven retinal maturation coordinates postnatal retinal vascular development	김무성 (KAIST)
11:30-11:45	YAP activation reverses aging-related visual dysfunction caused by impaired cell-matrix adhesion	김규리 (POSTECH)
11:45-12:00	Single-Cell RNA Sequencing Analysis Reveals Neuronal Correlates of Locomotor Diversity	윤태리 (DGIST)
12:00-12:30	시상식 및 폐회식	김진우 (KAIST)