

2019 한국분자·세포생물학회
마우스유전체분과 심포지움

Mouse Genetics Symposium

“The Omics Revolution and Mice”



2019. 10. 16 (수) 10:30-17:30

이화여자대학교 이삼봉 홀

• 참가비 : 3만원 (사전등록)/5만원 (현장등록)

• 사전등록 기간 : 2019년 8월 19일 (월) - 10월 11일 (금)

• 등록처 : 한국분자세포생물학회 마우스유전체분과 (www.ksmcb.or.kr)

Session I Integrative Omics for Health and Disease

10:30-11:00	Single-cell analysis of mouse tissues to model human diseases	최무림 서울대학교
11:00-11:30	Single-cell transcriptomic analysis of the kidney reveals novel cell types and unexpected cell plasticity	박지환 GIST
11:30-12:00	Single-cell analysis of transcriptional states in mouse adipose tissue	성제경 서울대학교
12:00-12:30	Single-cell multiomics technologies	황대희 서울대학교

Session II Special Lecture

13:30-14:00	From HBx transgenic mouse to humanized liver mouse for bio-medical research	유대열 KRIBB
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Session III Multiomics Approach in Cancer Research

14:00-14:25	Cellular dynamics during cancer progression depicted from human and mouse model studies	이혜옥 서울삼성병원
14:25-14:50	Single-cell RNA sequencing reveals tumor microenvironment and intratumoral heterogeneity	이세민 UNIST
14:50-15:15	Single-genome sequencing reveals the mutational spectrum of ionizing-radiation	주영석 KAIST
15:15-15:45	Single-cell and spatial gene expression solutions Discovering new biology with multiomic single cell sequencing	10x Genomics 벡톤디킨슨코리아

Session IV Single Cell-Based Analysis of Immune Cells

16:00-16:25	Transcriptional landscape of innate T cells defines shared lineage differentiation programs	김종경 DGIST
16:25-16:50	Inflammation and wound healing: New features of SREBP2 in macrophages	박성호 UNIST
16:50-17:15	Unveiling cell heterogeneity of hyperlipidemia-induced cardiovascular diseases using single-cell transcriptome analysis	최재훈 한양대학교

주최 |



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