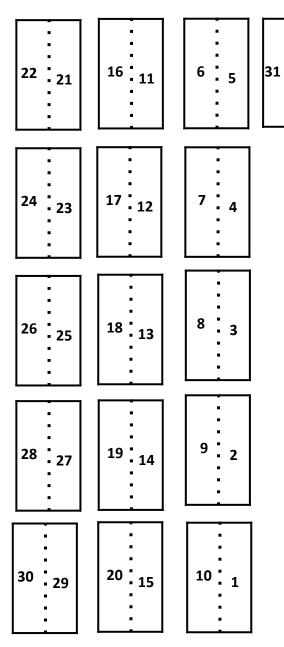## Poster Layout Map

Poster Number Matches to Title Number on List to the Right▶

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2023 Poster Session Participants

1. Thomas Liontis, Dept. of Biochemistry & Cell Biology, MED
Inhibition of endogenous small interfering RNAs transgenerationally extends the longevity of insulin/IGF-1 signaling mutants

2. GyeungYun Kim, Dept. Biology, CRC
U1 snRNP regulates the usage of alternative promoters

3. Melissa Inge, Dept. of Biology, CRC
Profiling the interactions of epigenetic regulators and their control of various T cells states

4. Cameron Dixon, Dept. of Biology, CRC
Understanding peripheral disturbances following traumatic injury (TI) using Drosophila melanogaster

5. Jaice Rottenberg, Dept. of Biology, CRC
Identifying viral protein regulators of host cell growth and death

6. Chelsea Stephens, Dept. of Biology, CRC
The Impact of Meg3 Knockdown on Directed Stem Cell Differentiation

7. Max Wertheimer, Dept. of Biology, CRC
Characterizing the epithelial sheath as a barrier to professional phagocytes during apoptosis in the ovary

8. Yuqiao Jiang, Dept. of Biology, CRC
Noninvasive transdermal measurement of glomerular filtration rate in a genetically modified mouse model of proteinruic kidney disease

9. David Engel, Graduate Program in Genetics and Genomics, MED
Gene co-expression network modules associated with NAFLD and their associated functionalities

10. Owen Sanborn, Dept. of Biochemistry, MED
Simultaneous miRNA and transcriptome determination at single cell resolution

11. Yusuke Koga, Dept. of Computational Biomedicine, MED
Comparison of the tumor and lymph node immune microenvironment in early non-small cell lung cancer through multimodal single cell sequencing

12. Amulya Shastry, Dept. of Computational Biomedicine, MED
Clustering Analysis of histopathology scores from pneumonia autopsy samples identifies novel host-response driven pneumonia subclusters.

13. Erin Hennessey, Center for Regenerative Medicine, MED
Developing a gene therapy approach to treat diseases of alveolar epithelial type II cells

14. Robert Fisher, Graduate Program in Genetics and Genomics, MED
Targeting the CoREST Complex Promotes Immunogenic and Tumor Suppressive RNA Splicing

15. Angelina Zuger, Dept. of Dermatology, MED
Epigenetic Regulation of Targeted Therapy Resistance in Melanoma

16. Rachael Thomas, Dept. of Biochemistry and Cell Biology, MED
Investigating the retention of epigenetic marks of X inactivation throughout the cell cycle

17. Yichen Liu, Dept. of Medicine, MED
Graph neural diffusion in single cell RNA-seq analysis

18. Genevieve Kunkel, Dept. of Molecular Biology, MED
aiRBP's: Designer RNA-binding Protein generation using Large Language Models

19. Simon Lu, Dept. of Computational Biomedicine, MED
A novel in-house computational pipeline for single-cell RNA sequencing data analysis reveals a novel molecular mechanism of kidney fibrosis

20. Dmitry Kretov, Dept. of Biochemistry and Cell Biology, MED
Quantitative measurement of RNA - protein interactions in vivo

21. Gian Sepulveda Graduate Program in Genetics and Genomics and Dept. of Biochemistry, MED
C. elegans DOT-1.1 and mammalian DOT1L regulate MYC/Mondo-mediated transcription by promoting the transcription factor degradation cycle on chromatin

22. Shruti Gupta, Dept. of Biochemistry, MED
Global small RNA genomics survey of Aedes aegypti discovers novel persistent viruses in specific mosquito locales

23. Sofia Weaver, Dept. of Biology, CRC
Evidence of Selection in the ADAM19 Gene Region in Savanna Monkeys (Chlorocebus spp.)

24. Shinobu Matsuura, Dept. of Medicine, MED
Mechanistically Interrogate at the Gene Expression Level the effect of Anti-β1 Integrin Antibody on JAK2V617F+ Stem Cells

25. Anthony Spinella, Dept. of Biochemistry and Cell Biology, MED
Defining the role of a yap-tead signaling axis in an age-associated, immune-evasive tumor population in oral squamous cell carcinoma

26. Pamela Yang, Dept. of Biology, CRC
The effects of draper gene knockdown in different tissues on ovarian function in Drosophila melanogaster

27. Shannon Fisher, Dept. of Pharmacology, Physiology, & Biophysics, MED
Identification of conserved enhancers associated with craniosynostosis risk

28. Jackie Turcinovic, Dept. of Virology, Immunology, and Microbiology, MED; Program in Bioinformatics, CRC
Transcriptional markers of disease in survival models of ebolavirus infection in nonhuman primates

29. Pooja Savla, Dept. of Bioinformatics, CRC
Elucidating the Role of BCL11b in Aneurysm Development: Insights from RNA-sequencing Analysis

30. Krupa Sampat, Dept. of Bioinformatics, CRC
Interactive meta-analysis web tool for gene expression-based contextual classification of cellular phenotype

31. Aravind Sundaravadivel, Dept. of Biochemistry, MED
Exploring variants of genetic CJD with Whole Exome Sequencing data

32. Dylan Steiner, Dept. of Computational Biology, MED
Spatially informed profiling of stage I lung adenocarcinoma reveals an extensive gene expression signature of vascular invasion

33. Yi Xu, Zymo Research, Inc.
Universal rRNA Depletion for Transcriptome Analysis of Any Organism with a Streamlined, Autolaunch Platform for Bioinformatics

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