

GENETICS, BIOINFORMATICS, & SYSTEMS BIOLOGY COLLOQUIUM

THURSDAY JANUARY 20TH
12:00PM PST
ON ZOOM!

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PASSWORD: **GENETICS**

PRESENTED BY:



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YOAV GILAD, PHD

Professor, Medicine and Human Genetics
Chief, Section of Genetic Medicine,
Department of Medicine

Vice Chair of Research, *Department of Medicine*
Dean for Biomedical and Health Informatics

NO CELL LEFT BEHIND: USING EMBRYOID BODIES TO STUDY CELL-TYPE SPECIFIC DYNAMIC EQTLs

Trained as a molecular and evolutionary geneticist, Dr. Gilad began his career in the UChicago Department of Human Genetics investigating the correlation between DNA sequence variation and disease. From 2014 to 2018, he directed the Committee on Genomics and Systems Biology, which emerged as a training ground for students using computational genomic approaches in biology and medicine. From 2010 to the present, Dr. Gilad has led the Functional Genomics Facility, an innovative core facility that generates a majority of 'omics' data for researchers in the BSD and the University. Driven by a desire to translate basic discovery to improvements in health care, in 2016 Dr. Gilad moved to the Department of Medicine, where he has very quickly assembled a distinctive and robust faculty specializing in genetic medicine. Dr. Gilad is the recipient of multiple federal grants to study human disease and evolution using cutting-edge empirical and computational genomic techniques. His lab's research focuses on understanding the genetics of complex phenotypes and the potential for personalized medicine using genomic sequencing, genome informatics, and functional genomics tools

Organization Committee: J. Gleeson, J. Sebat
GBSBC Seminar Coordinator: R. White

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