

GCB/CAMB 752 – Seminar in Genomics

Spring 2026: Tuesday 3:30-6:30pm

BRB II/III Room 253

Course Directors:

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Week	Date	Topic	Speaker	Omics update 1	JC Presenter 1	JC Presenter 2	Omics update 2
Week 1	20-Jan	Intro Lectures & How to Journal Club	Ingo Helbig & Marijana Vujković				
Week 2	27-Jan	Rare Variants - Neurogenetics	Ingo Helbig	Amanda	Ingo		Marijana
Week 3	3-Feb	GWAS	Bogdan Pasaniuc	Eric	Sherry		Mariah
Week 4	10-Feb	Cancer Genomics	Kara Maxwell	Katie	Mariah	Tim	Daniel
Week 5	17-Feb	Use of Omics in Model Organism	John Murray	Tim	Sherry		Taliyah
Week 6	24-Feb	Transcriptomics and Single Cell RNA Sequencing	Pablo Gonzalez-Camara & Yoseph Barasch	Sherry	Taliyah	Daniel	Shridhar
Week 7	3-Mar	Neurodevelopmental Disorder Genomics and Models	Maja Bucan & Tom Jongens	Daniel	Katie	Shridhar	Tim
Week 8	10-Mar	<i>No class - Spring Break - *Review Abstracts Due*</i>					
Week 9	17-Mar	Machine Learning / AI / Phenomics	Danielle Mowery	Taliyah	Tim		Mariah
Week 10	24-Mar	<i>No class - Break for Writing</i>					
Week 11	31-Mar	Pharmacogenomics	Marijana Vujković	Mariah	Katie		Daniel
Week 12	7-Apr	Epigenomics	Wanding Zhou	Shridhar	Mariah	Eric	Katie
Week 13	14-Apr	Spatial and Functional Genomics	Allesandra Chesi	Taliyah	Daniel	Eric	Sherry
Week 14	21-Apr	Multi-omics approaches to studying kidney disease	Katalin Susztak	Shridhar	Sherry	Taliyah	Eric
Week 15	28-Apr	Single Cell Omics	Derek Oldridge	Katie	Shridhar		Eric
	30-Apr	<i>*Final Reviews Due*</i>					