

Cell Biology and Genetics of Aging (MCB 3895) – Fall 2025 Calendar

Wk	Dates	Topic	Tuesday	Thursday
1	Aug 26, Aug 28	Introduction to Biological Aging and Geroscience	(Introduction to the course)	Sierra-16 LopezOtin-23
			<u>Reviews</u>	<u>Papers</u>
2	Sep 2, Sep 4	Technique Tutorials and Examples	(Videos)	King-21
3	Sep 9, Sep 11	Organismal Models and Diseases	Kubben-17 Hansen-18	Kenyon-93
4	Sep 16, Sep 18	Gene Mutations and Nuclear Organization	Yousefzadeh-21 Rieckher-21	Taimen-09
5	Sep 23, Sep 25	Telomeres and Epigenetic Remodeling	Armanios-12 Rossiello-22	Rudolph-99
6	Sep 30, Oct 2	Nutrient Sensing and Metabolic Signaling	Herzig-18 Liu-20	Sancak-10
7	Oct 7, Oct 9	EXAM WEEK	REVIEW SESSION	EXAM #1
8	Oct 14, Oct 16	Inflammation and Infection	Exam Review	Zhao-22
9	Oct 21, Oct 23	Proteostasis and Autophagy	Hipp-19 Aman-21	Pyo-13
10	Oct 28, Oct 30	Mitochondria and Lysosomes	Narendra-24 Radulovic-25	Wiley-16
11	Nov 4, Nov 6	Senescence and Apoptosis	DiMicco-21 Gasek-21	Baker-11
12	Nov 11, Nov 13	Stem Cells and Regeneration	Ermolaeva-18 Zhang-20	GarciaPrat-16
13	Nov 18, Nov 20	Behavior, Drugs, and Longevity	Chaib-22 Kroemer-25	Zhu-15
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14	Dec 2, Dec 4	EXAM WEEK	REVIEW SESSION	EXAM #2
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