

Cell Biology and Genetics of Aging (MCB 3895) – Fall 2024 Calendar

Wk	Dates	Topic	Tuesday	Thursday
1	Aug 27, Aug 29	Introduction to Biological Aging and Geroscience	(Introduction to the course)	Sierra-16 LopezOtin-23
			<u>Reviews</u>	<u>Papers</u>
2	Sep 3, Sep 5	Technique Tutorials and Examples	(Videos)	King-21
3	Sep 10, Sep 12	Organismal Models and Diseases	Kubben-17 Hansen-18	Kenyon-93
4	Sep 17, Sep 19	Gene Mutations and Nuclear Organization	Yousefzadeh-21 Rieckher-21	Taimen-09
5	Sep 24, Sep 26	Telomeres and Epigenetic Remodeling	Armanios-12 Sen-16	Rudolph-99
6	Oct 1, Oct 3	Nutrient Sensing and Metabolic Signaling	Herzig-18 Liu-20	Sancak-10
7	Oct 8, Oct 10	EXAM WEEK	REVIEW SESSION	EXAM #1
8	Oct 15, Oct 17	Inflammation and Infection	Exam Review	Zhao-22
9	Oct 22, Oct 24	Proteostasis and Autophagy	Hipp-19 Aman-21	Pyo-13
10	Oct 29, Oct 31	Mitochondria and Lysosomes	Sun-16 Ballabio-19	Wiley-16
11	Nov 5, Nov 7	Senescence and Apoptosis	DiMicco-21 Gasek-23	Baker-11
12	Nov 12, Nov 14	Stem Cells and Regeneration	Ermolaeva-18 Zhang-20	GarciaPrat-16
13	Nov 19, Nov 21	Behavior, Drugs, and Longevity	LopezOtin-16 Chaib-22	Harrison-09 Zhu-15
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14	Dec 3, Dec 5	EXAM WEEK	REVIEW SESSION	EXAM #2
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