

GENDGR6212 (Section 001) – SPRING 2023
INTRODUCTION TO THE BIOLOGY OF AGING COURSE

Thursdays 10:00 – 11:30am

Location: VEC1201A

In all developed countries, the dominant demographic feature of our time is a steady and significant increase in life expectancy. This increase seems to continue unabated. This objective fact that is seen in most developed countries has a major public health implication: How to achieve healthy aging of the general population? As a part of a concerted effort, this will be one of the main public health challenges facing our health care system in the 21st century to effectively address this challenge. We prepare a graduate course that will introduce students to invertebrates and vertebrate's animal models, the cellular and molecular events that occur during aging in various organs, the consequences of the aging process on homeostasis of the entire organism and last but not least, the possible intervention strategies to fight the aging process.

DATE	LECTURER	TITLE/TOPIC	CONFIRMED
January 26	Ronald A. Kohanski (NIA)	Aging Biology and Geroscience	Y
February 2	Mimi Shirasu-Hiza	Model Systems for Aging	Y
February 9	Yousin Suh	Human Genetics of Aging	Y
February 16	Martin Picard	Mitochondria Biology and Aging	Y
February 23	Aaron Viny	Aging of Stem Cells	Y
March 2	Gerard Karsenty	Circulating Molecules and Aging	Y
March 9	René Hen	Neurogenesis and Aging	Y
March 16	Daniel W. Belsky	Quantification of Biological Aging	Y
March 23	Donna Farber	Immune System and Aging	Y
March 30	Zev Williams	Reproductive Aging LOCATION CHANGE: HAMMER 1609	Y
April 6	Alan Tall	At the Heart of Aging LOCATION CHANGE: HAMMER 305	Y
April 13	Ronald Perez-Lorenzo	Skin and aging	Y
April 20	Qais Al-Awqati	Aging of Kidney	Y
April 27	Vilas Menon	Braing Aging and neurodegeneration	Y
May 4	Filippo G. Giancotti	Cancer and Aging	Y