

## SESSION TOPICS

#	DATE	PRESENTER	TOPIC	PAPERS
1	03 / 30	COOPER & TRAVER	Welcome to the course, logistics, how to read a paper	
2	04 / 01	COOPER LECTURE	History of Regeneration	
3	04 / 06	ZAYAS	Planaria Regeneration Review Article	<b>Elliott and Sanchez Alvarado, WIRES, 2012.</b>
4	04 / 08	PAPER 1 DISCUSSION	Regeneration of planarians with a single cell.	<b>Wagner, Wang and Reddien, Science 2011.</b>
5	04 / 13	WHITED	Vertebrate Regeneration Review Article	<b>Haas and Whited, Trends in Genetics, 2017</b>
6	04 / 15	PAPER 2 DISCUSSION	Axolotl Limb Regeneration	<b>Kragl et al., Nature 460: 60-65, 2009.</b>
7	04 / 20	PAPER 3 DISCUSSION	Regeneration of the zebrafish heart.	<b>Han et al., D. Cell 48: 853-63, 2019.</b>
8	04 / 22	TRAVER LECTURE	History of Stem Cells	
9	04 / 27		<b>MIDTERM 1 in class</b>	<b>TBD Regeneration Paper</b>
10	04 / 29	PAPER 4 DISCUSSION	Hematopoietic Stem Cells	<b>Christodoulou et al., Nature 578: 13 Feb, 2020.</b>
11	05 / 04	JONES	Niche Review Article	<b>TBD</b>
12	05 / 06	PAPER 5 DISCUSSION	Drosophila Germline Stem Cells	<b>TBD</b>
13	05 / 11		Adult Stem Cells Review Article	<b>TBD</b>
14	05 / 13	PAPER 6 DISCUSSION	Intestinal Stem Cells	<b>Sato et al., Nature 459: 262-5, 2009.</b>
15	05 / 18		<b>MIDTERM 2 in class</b>	<b>TBD Adult Stem Cell Paper</b>
16	05 / 20	WILLERT LECTURE	Embryonic Stem Cells and Pluripotency	
17	05 / 25	PAPER 7 DISCUSSION	Yamanka iPSC Paper	<b>Takahashi and Yamanaka, Cell 126: 663-76.</b>
18	05 / 27	PAPER 8 DISCUSSION	Translational Application of Stem Cells	<b>TBD</b>
19	06 / 01	COOPER LECTURE	Course Recap and Stem Cell Fraud	
20	06 / 08		<b>FINAL EXAM (8 – 11 am)</b>	<b>TBD Pluripotency Paper</b>