

**FIR2019  
SECTION 2  
WEEK 1**

Date	Time	Faculty	Affiliation	Activity
Sunday May 12	7 PM	Carmen Williams	NIEHS	Lecture: Introduction to Section 2 & Scientific Writing
Monday May 13	9 AM	Amander Clark	UCLA	Lecture: Overview of stem cells
	11 AM	Kyle Orwig	University of Pittsburgh	Lab I: Spermatogenic germ cell transplantation
	11 AM	Paula Cohen	Cornell University	Lab II: Meiosis
	7 PM	Kyle Orwig	University of Pittsburgh	Lecture: Stem cells, spermatogenesis and male fertility in higher primates
Tuesday May 14	9 AM	Paula Cohen	Cornell University	Lecture: Prophase I and meiotic recombination
	11 AM	Kyle Orwig	University of Pittsburgh	Lab I: Spermatogenic germ cell transplantation
	11 AM	Paula Cohen	Cornell University	Lab II: Meiosis
	7 PM	Francesca Duncan	Northwestern University	Lecture: Folliculogenesis, oogenesis and reproductive aging
Wednesday May 15	9 AM	Paula Stein	NIEHS	Lecture: Small RNAs in oocyte biology
	1 PM	Carmen Williams	NIEHS	Lecture: Environmental impacts on the female reproductive tract and embryos
	7 PM	Laurinda Jaffe	UConn Medical Center	Lecture: Regulation of MI arrest and meiosis resumption by the ovarian follicle
Thursday May 16	9 AM	Sarah Kimmins	McGill University	Lecture: Epigenetics and paternal inheritance
	11 AM	Laurinda Jaffe Yosi Aizen	UConn Medical Center Ruppin Academic Center	Lab I: Marine animal fertilization and zebrafish IVF
	11 AM	Shuo Xiao Lisa Mehlmann	Univ. South Carolina UConn	Lab II: Follicular culture and follicle injection
	7 PM	Marisa Bartolomei	University of Pennsylvania	Lecture: Mechanisms of epigenetics
Friday May 17	9 AM	Karen Schindler	Rutgers University	Lecture: Oocyte MI-to-MII transition
	11 AM	Laurinda Jaffe Yosi Aizen	UConn Medical Center Ruppin Academic Center	Lab I: Marine animal fertilization and zebrafish IVF
	11 AM	Shuo Xiao Lisa Mehlmann	Univ. South Carolina UConn Medical Center	Lab II: Follicular culture and follicle injection
	7 PM	FIRbees 2019		Chalk Talks
Saturday May 18	<i>Free day</i>			

**FIR2018  
SECTION 2  
WEEK 2**

Date	Time	Faculty	Affiliation	Activity
Sunday May 19	7 PM	Gustavo Blanco	KUMC	Lecture: Sperm maturation and capacitation
Monday May 20	9 AM	Celia Santi	Washington University	Lecture: Regulation of sperm motility and acrosome reaction
	11 AM	Gustavo Blanco	KUMC	Lab I: Sperm capacitation & cryopreservation
	11 AM	Karen Schindler	Rutgers University	Lab II: Oocyte maturation
	7 PM	Rafael Fissore	UMass Amherst	Lecture: Ca <sup>2+</sup> homeostasis and its role in fertilization and egg activation
Tuesday May 21	9 AM	Andy Singson	Waksman Institute	Lecture: Spermatogenesis and fertilization in <i>C. elegans</i>
	11 AM	Gustavo Blanco	KUMC	Lab I: Sperm capacitation & cryopreservation
	11 AM	Karen Schindler	Rutgers University	Lab II: Oocyte maturation
	7 PM	Miler Lee	University of Pittsburgh	Lecture: Maternal to zygotic transition
Wednesday May 22	9 AM	Miler Lee	University of Pittsburgh	Bioinformatics workshop I
	11 AM	Miler Lee	University of Pittsburgh	Bioinformatics workshop II
	7 PM	Amy Ralston	Univ. Michigan	Lecture: Preimplantation embryo development
Thursday May 23	9 AM	Greg FitzHarris	Univ. Montreal	Lecture: Imaging embryo development
	11 AM	Paula Stein	NIEHS	Lab I: ICSI
	11 AM	Carmen Williams	NIEHS	Lab II: Mouse IVF
	7 PM	Peter Schlegel	Weill Cornell Medical School	Lecture: Male infertility
Friday May 24	9 AM	Paulo Rinaudo	UCSF	Lecture: Female infertility/Assisted reproductive technologies
	11 AM	Paula Stein	NIEHS	Lab I: ICSI
	11 AM	Carmen Williams	NIEHS	Lab II: Mouse IVF
	7 PM	Francoise Baylis	Dalhousie Univ.	Lecture: Bioethics
Saturday May 25	<i>Free day</i>			