

Initial Educator Development Program (for Teachers in the R25 program)

Everyone (students, post-docs, technicians, etc) is welcome to attend any of the talks in D102 (Neustadt).

Date	Morning Talk 9.00 -10.30	Pedagogy Development 11.00-12.30	Lunch 12.30-1.30	Pedagogy Development 1.30-3.30	Afternoon Talk 3.45-5.00
June 8 th	Overview of the immune system & Pre-Assesment (kara)	Tissue printing Lab (kara)	Lunch With Labs	Orientation w/ equipment, video journals... <i>2pm thesis defense</i>	Mouse genetics (Knockout, Transgenic, etc) & PCR (tomasz)
June 12 th	Sketch interactive website (shandra)	PCR-based experiments for the high school setting (tomasz)		Technology in teaching science & Lesson planning (kara)	Microbiology: Biofilms (kara)
June 19 th	Innate immunity (julita)	Microbiology lab for high school setting (rebecca)		Lesson/lab planning & development	B cells, antibody (Ab) functions & ELISAs (shannon)
June 26 th	Uses of Abs & V(D)J recombination (katja)	Lab develop./lesson planning		Lab develop./lesson planning	X-ray Crystallography (gongyi)
July 2 nd	MHC & T cells (kara)	Best Practices: Teaching concepts in immunology (kara)		(open: this is the 4 th of July)	Thursday before weekend)
July 10 th	T cell development & Cytotoxic cells (megan)	Test labs developed by		educators	Vaccines (amy)
July 17 th	Apoptosis (JJ)	Tweak labs and retest		Tweak labs and retest	Individual medicine (paul reynolds)
July 24 th	HIV (francina)	Best Practices in teaching: "Start with a Story" (kara)		Lesson planning	Autoimmunity (darlynn)
July 31 st	Hypersensitivities (jenny)	Oral presentation of summer research		Poster preparation	Exit interviews & Post-Assessment

Other topics that could be added: Those requested by the educators; ABO: the need for blood type matching and Rh Factor; Biology and immunology of prevalent STDs