

TERM 1: SEPT 2016 – DEC 2016

Sept. 9	BIOINFORMATICS	Clee/Tanentzapf
Copp 2002/4 10am	TA: Sarah Garner	
Sept. 16	SCIENTIFIC PROCESS 1 (not marked)	Loewen
LSC 1410	11am-12noon TA: Sarah Garner	
LSC 1416	1pm-4pm	
Sept 23	BIOINFORMATICS	Clee/Tanentzapf
Copp 2002/10am	TA: Sarah Garner	
Sept 30	SINGLE CELL ELECTROPORATION	Haas
Brain Research Centre F223, F230	TA: Sarah Garner	
Oct 7	3-D IMAGING OF ELECTROPORATED NEURONS	Haas
Brain Research Centre F223, F230	TA: Sarah Garner	
Oct 14	MEASUREMENTS OF RESPIRATORY FUNCTION	Osborne
COPP 2510	TA: Guang Gao	
Oct 21	BIOINFORMATIC ANALYSIS OF SYNTHETIC GENETIC ARRAY DATA	Loewen
LSC 2310	TA: Guang Gao	
Oct 28	pH REGULATION OF LIPID METABOLISM	Loewen
LSC 2420	TA: Guang Gao	
Nov 4	AUTONOMIC REGULATION OF BLOOD PRESSURE	Baimbridge
COPP 2510	TA: TBD	
Nov 11	Remembrance Day	
Nov 18	AUTONOMIC REGULATION OF BLOOD PRESSURE II	Baimbridge
COPP 2510	TA: TBD	
Nov 25	AUTONOMIC REGULATION OF BLOOD PRESSURE III	Baimbridge
COPP 2510	TA: TBD	

TERM 2: JAN 2017 - MAR 2017

Jan 6 LSC 2310	SCIENTIFIC PROCESS 2 (not marked) TA: Sarah Garner	Allan
Jan 13	DEPARTMENTAL RETREAT (report is marked)	Allan
Jan 20	A zebrafish model to study beta cell physiology and regeneration (physiology lab) <i>- beta-cell ablation experiment</i> <i>- glucose measurement in the ablation model</i> LSI 5.320 TA: Chiara Toselli	Kieffer/Pacitti
Jan 27	A zebrafish model to study beta cell physiology and regeneration (gene expression lab) <i>more insights on the concept of gene promoter & transgenesis</i> <i>- gene isoforms, bioinformatic, primer design</i> <i>- qPCR on the Tg model</i> LSI 5.320 TA: Chiara Toselli	Kieffer/Pacitti
Feb 3	A zebrafish model to study beta cell physiology and regeneration (imaging lab) <i>imaging of the Tg larvae and immunostaining of pancreas sections from the Tg model (adult), followed by imaging</i> LSI 5.320 TA: Chiara Toselli	Kieffer/Pacitti-
Feb 17 LSC 5310	LIVE CELL CALCIUM IMAGING 9am Lecture & Quiz) LSC 5320 (Imaging) TA: Chiara Toselli	Johnson/Luciani
Feb 20-24	Reading week	
Mar 3 Copp 2611	ELECTROPHYSIOLOGY INTRO TA: Guang Gao	Mason
Mar 10 Copp 2611	INTRACELLULAR RECORDING I TA: Guang Gao	Mason
Mar 17 Copp 2611	INTRACELLULAR RECORDING II TA: Guang Gao	Mason