

SBMS 2016 Honours Cohort
Honours Proposal Seminar Schedule
Thursday March 31st 2016

Time	Room	Speakers		Title	Primary Supervisor
9:00	81-214	Weinert	Derek William	Exploring adoptive transfer of mature monocytes for the tumour targeted delivery of anti-tumoural biomolecules	Roberta Mazzeri
9:20	81-214	Chan	Mark Boon Pho	The impact of population bottlenecks on multidrug resistance evolution	Jan Engelstaedter
9:40	81-214	Choi	Phil	Optimising comparative proteomics to enhance venom-based drug discovery	Lachlan Rash
10:00	81-214	Conroy	Jacinta	A role for TRIO in AT1R-EGFR transactivation	Wally Thomas
10:20	81-214	Ganasan	Kieran	Effect of NAT1-mediated lysine acetylation on SIRT2 function	Neville Butcher
10:40 Break					
Time	Room	Speakers		Title	Primary Supervisor
11:00	81-214	Lim	Wai Shing	Elucidating the mechanism of activation in C3aR	James Lim
11:20	81-214	Ng	Andre Mong Jie	Mechanisms of Congenital Disorder of Glycosylation Type I	Benjamin Schulz
11:40	81-214	Phu	Poh Jan (Jane)	Miniaturised alpha-conotoxins as drug leads	Richard Clark
12:00	81-214	Sligar	James	Hyperbranched polymers for improved delivery of complement-targeting drugs	Richard Clark
12:20	81-214	Asplett	Kiran	Drugging the transcription factor, Ikaros, to reactivate fetal haemoglobin and cure sickle cell disease	Andrew Perkins
12:40	81-214	Zhang	Carolyn	Development of C5a receptor antagonist prodrugs	Richard Clark
12:40 LUNCH					
Time	Room	Speakers		Title	Primary Supervisor
1:20	81-214	Badya	Rohitha	Investigation of cadaveric tendon mechanical properties using shear wave elastography and material testing system approaches.	Brooke Coombes
1:40	81-214	Ziegenfuss	Brandon	Investigation of the mechanical properties of human cadaveric patellar tendon using shear wave elastography and material testing system approaches.	Brooke Coombes
2:00	81-214	Mortimer	Brienna	An investigation into the relationship between neural drive and force capacity of synergistic muscles with relation to patellofemoral pain in humans	Kylie Tucker
2:20	81-214	Groenendijk	Lauren	Engaging students as partners in science: Comparing student and academic perspective in the BSc	Prasad Chunduri
3pm BREAK					
Time	Room	Speakers		Title	Primary Supervisor
3:20	81-214	Lopez	Redmond	Sex and Ancestry Variation of the Cranial Fissures and Foramina for Forensic Anthropology	Carl Stephan
3:40	81-214	Yeap	Ashleigh	Characterisation of facial muscle morphology (Temporalis, Masseter and Zygomaticus Major) from their bony attachments	Carl Stephan
4:00	81-214	Ho	Chi Ying	Distribution of locomotor foot pressures in Australian cows reared on natural substrates	Olga Panagiotopoulou
4:20	81-214	Wailan	Manuel Anthony	The effect of the periodontal ligament on the mechanics of the primate jaw during chewing	Olga Panagiotopoulou

SBMS 2016 Honours Cohort
Honours Proposal Seminar Schedule
Thursday March 31st 2016

Time	Room	Speakers		Title	Primary Supervisor
9:00	63-358	Johnson	Ayaka	Investigating the genetic basis behind hair follicle phenotype	Rehan Villani
9:20	63-358	Lavers	George	Mechanisms of transcription factors in regulation of cardiomyocyte proliferation and maturation	James Hudson
9:40	63-358	Ong	Wen Fang	Molecular and cellular characterization of a microcephaly gene-encoded signalling adaptor.	Dominic Ng
10:00	63-358	O'Reilly	Melea	The impact of Notch4 induced Wnt5A expression for melanoma progression	Helmut Schaidler
10:20	63-358	Pett	Nicola	Cross-talk amongst the HkRP family	Fiona Simpson
10:40 Break					
Time	Room				
11:00	63-358	Chen	Yang	Detection and functional evaluation of CDCP1 65kDa in ovarian cancer	John Hooper
11:20	63-358	Desai	Harsit	Targetting the pro-angiogenic and immunosuppressive tumour microenvironment in triple negative metastatic breast cancer	Roberta Mazzieri
11:40	63-358	Khan	Tashbib	Targetting glycogen metabolism as a therapeutic strategy for clear cell ovarian carcinoma	John Hooper
12:00	63-358	Males	Renique Lauren	Investigating breast cancer metastasis to gynaecological sites	Peter Simpson
12:20	63-358	Sharma	Shayna Neevashna	Exosomal signature in ovarian cancer	Carlos Salomon
1:00 LUNCH					
Time	Room				
1:20	63-358	Salik	Basit	Anatomical variation in susceptibility to carcinogenesis in the epidermis	Kiarash Khosrotehrani
1:40	63-358	McDonald	Hannah	Regulation of adult neural stem cell quiescence	Michael Piper
2:00	63-358	Mogg	Sharon	Sulfotransferase 4A1 alternative splicing	Rodney Minchin
2:20	63-358	Salamat	Paulina	The role of PERIOD1 in the entertainment of the food-entrainable-oscillator and metabolism	Oliver Rawashdeh
2:40	63-358	Liu	Zhewei	Nuclear factor one regulation of proliferation and differentiation of cortical development	Jens Bunt
3pm BREAK					

SBMS 2016 Honours Cohort
Honours Proposal Seminar Schedule
Thursday March 31st 2016

Time	Room	Speakers		Title	Primary Supervisor
9:00	65-305	Adam	Stefanie	Determining the role of placental exosomes on the cellular mechanisms of insulin resistance in obese women who develop gestational diabetes	Carlos Salomon Gallo
9:20	65-305	Sharma	Diksha	Characterization of the Positional effects associated with foreign transgene expression associated with Bovine Herpes Virus 1 vector	Timothy Mahony
9:40	65-305	Banh	David	A novel MWAS study on BMI	Jian Yang
10:00	65-305	Carey-Foster	William	The resistome in the gut microbiome of overweight women at 16 weeks gestation	Marloes Dekker
10:20	65-305	Chau	Tevin Chui Ying	The role PKD1 in PCP signalling pathway during vascular development	Ben Hogan
10:40 Break					
Time	Room				
11:00	65-305	Barnes	Samuel	The molecular biochemistry of sulfate status in pregnant and preterm pigs.	Paul Dawson
11:20	65-305	Robinson	Harley	Control of selective extracellular vesicle microRNAs release	Michelle Hill
11:40	65-305	Santos	Keanne	Determining the functional role of lipid interactions of the intracellular domain of cytokine receptors	Andrew Brooks
12:00	65-305	Sewak	Rayneet	Does improved support of preterm cardiovascular function lead to reduced brain injury?	Tracy Bjorkman
12:20	65-305	Bloxham	Conor	Function of Bitter taste receptors in heart	Wally Thomas
12:40	LUNCH				
Time	Room				
1:20	65-305	Jones	Ailee	Intergenerational impact of maternal asthma on cardiovascular risk in offspring	Vicki Clifton
1:40	65-305	Meakin	Ashley	Identification and characterisation of the placental androgen receptor and its relationship to fetal growth.	Vicki Clifton
2:00	65-305	Veljkovic	Filip	The impact of periconceptional alcohol consumption on GR isoform expression in placenta and fetal organs	Vicki Clifton
2:20	65-305	Wing	Michael	The effect of prenatal alcohol exposure on peripheral clock gene expression	Karen Moritz
2:40	65-305	Healy	Michael	Structural studies of endosomal trafficking proteins in neurodegenerative disease	Brett Collins
3pm BREAK					
Time	Room				
3:20	65-305	Dou	Jack	The role of Vitamin D in regulating L-type voltage-gated calcium channel functions	Victor Anggono
3:40	65-305	Mitter	Navin	Characterizing signalling mechanisms stimulated by mitochondria-encoded bioactive peptides	Dominic Ng

SBMS 2016 Honours Cohort
Honours Proposal Seminar Schedule
Thursday March 31st 2016

Time	Room	Speakers		Title	Primary Supervisor
9:00	63-348	Curren	Bodie	Severe bronchiolitis predisposes toward subsequent asthma by perturbing airway epithelial homeostasis	Simon Phipps
9:20	63-348	Durham	Laura	Exploring the role of p2y13 in the onset and progression of asthma	Simon Phipps
9:40	63-348	Hung	Yu	Rab8a recruitment for Immune Signalling.	Jennifer Stow
10:00	63-348	Lilgeto	Urijah	Understanding CD4+ T helper cell (Th) differentiation during experimental blood-stage malaria	Ashrafal Haque
10:20	63-348	Vien	King-Year	Anti-viral immunity at the lymph node subcapsular sinus	Philip Stevenson
10:40 Break					
Time	Room				
11:00	63-348	Chan	Leung Kwan Dor	The role of Wnt signalling in host immune responses to microbial stimuli.	Jessica Kling
11:20	63-348	Donovan	Meg	Functions of the innate immune receptor RP105 during mycobacterial infection	Antje Blumenthal
11:40	63-348	Geeling	Brooke	Gut inflammation as a trigger for type 1 diabetes.	Emma Hamilton-Williams
12:00	63-348	Muller	Nicholas	Skin and wound microbiome genome association	Kiarash Khosrotehrani
12:20	63-348	Sunderland	Cameron	Mapping Bone Marrow Macrophage Origin and Longevity after Immune Challenge	Allison Pettit
12:40 LUNCH					
Time	Room				
1:20	63-348	Baartz	Lawrence	Unraveling the mechanism of action for IVIg therapy in spinal cord injury	Marc Ruitenber
1:40	63-348	Goh	Natalie Xinyi	Effects of a High-Fat High-Sugar diet on Secretory Immunoglobulin A production	Ranjeny Thomas
2:00	63-348	Jogia	Trisha	Understanding the role of the spleen and extracellular vesicles in SCI outcomes	Marc Ruitenber
2:20	63-348	McGill	Raquel	Functional Activity of Complement C5a in Motor Neuron Disease Leukocytes	Trent Woodruff
2:40	63-348	Rouaen	Jourdin	Assessment of RORyt inhibition as a novel therapeutic for GVHD prevention after allotransplantation	Kate Gartlan
3:00	63-348	Zhu	Kevin	Investigating a-synuclein mediated signalling pathways leading to NLRP3 activation in microglia	Trent Woodruff
3pm BREAK					

SBMS 2016 Honours Cohort
Honours Proposal Seminar Schedule
Thursday March 31st 2016

Time	Room	Speakers		Title	Primary Supervisor
9:00	63-360	Goodsell	Joseph	Can sleep fix attention deficits?	Bruno van Swinderen
9:20	63-360	Jaeschke	Kara	The impact of vitamin D levels on cognitive performance in wild type and APP23 mutant mice	Thomas Burne
9:40	63-360	Jones	Caelyn	The effect of TyroBP mutation on microglia physiology	Liviu Bodea
10:00	63-360	Stables	Jennifer	Role of the circadian clockwork PERIOD1 in hippocampal long-term potentiation.	Oliver Rawashdeh
10:20	63-360	Toft	Alexandra	The influence of anxiety on cognitive function in Parkinson's Disease.	Nadeeka Dissanayaka
10:40 Break					
Time	Room				
11:00	63-360	Langguth	Mia	Developmental Vitamin D deficiency and Autism	Tom Burne
11:20	63-360	Moloney	Joseph	Effect of therapeutic hypothermia on GABA _A receptor expression	Tracy Bjorkman
11:40	63-360	Savage	Hannah	Effects of PLP antibody on remyelination in cuprizone model	Judith Greer
12:00	63-360	Teo	Elliot	Principles of vagus nerve habituation	Hari Subramian
12:20	63-360	Yu	Justine	Role of microglia in traumatic brain injury (TBI) outcomes	Jana Vukovic
12:40 LUNCH					
Time	Room				
1:20	63-360	Bolneo	Erika	Effects of reducing inhibitory synaptic transmission function and morphology	Mark Bellingham
1:40	63-360	Hebbani	Neha	Motor learning in a zebrafish model of Autism Spectrum disorder	Ethan Scott
2:00	63-360	Power	Lachlan	The effects on neuronal morphology in mice with reduced Glycinergic and GABAergic neurotransmission	Peter Noakes
2:20	63-360	Tay	Bryan	Trafficking of voltage-gated sodium channel Nav1.6	Irina Vetter
2:40					
3pm BREAK					