

Pathway	Project Title	Co-Supervisor 1A	Co-Supervisor 1B	Partner Company/Institute (where appropriate)
0+3.5	Islet GPCR regulation by GRKs and RGS proteins	Shanta Persaud	Peter Jones	
0+3.5	Creating a rationale for personalised spontaneous-preterm-birth risk management - an in vitro model of bacteria-host innate immune interactions in the reproductive tract	Rachel Tribe	James Mason	
0+3.5	Data-driven composite biomarker development for the personalised management of vestibular schwannoma	Jonathan Shapey	Tom Vercauteren	
0+3.5	“Use it or lose it”: Understanding age-related changes in skeletal muscle protein turnover in response to exercise, nutrition and pharmacological interventions	Oliver Witard	Georgina Ellison-Hughes	
0+3.5	Exploring trauma and post-traumatic stress symptoms in autistic children and those with high autistic traits	Francesca Happe	Andrea Danese	
0+3.5	Novel multi-disciplinary strategy to identify and target unconventional (neo)epitopes suitable for immunotherapy against colorectal cancer	Michele Mishto	Francesca Ciccarelly	
0+3.5	Identification of subtypes of depression using remote measurement technologies	Matthew Hotopf	Nicholas Cummins	
0+3.5	Investigating the role of α -synuclein in β -amyloid-driven synaptotoxicity	Richard Killick	Gareth Williams	
0+3.5	Mental Health consequences of AIR pollution over the LIFE course	Ioannis Bakolis	Helen Fisher	
0+3.5	Exploring the relationship between stress/distress reduction, inflammatory markers and relapse in relapsing remitting Multiple Sclerosis (MS)	Rona Moss-Morris	Valeria Mondelli	
0+3.5	Investigation into novel immunotherapy candidates for modulating the anti-tumour immune response	James Arnold	Miraz Rahman	
0+3.5	Investigating the molecular basis for selective vulnerability in FET-linked Amyotrophic Lateral Sclerosis (ALS) and Fronto-temporal dementia (FTD)	Marc-David Ruepp	Caroline Vance	
0+3.5	Structural characterization of the anti-HIV protein MX2 and its interactions with viral and cellular factors	Julien Bergeron	Michael Malim	

0+3.5	Proteomic investigation of biomarkers of ankylosing spondylitis	Matt Brown	Andrew Cope	
iCASE 0+4	Targeting histone demethylation to reverse age-related cognitive decline	Albert Basson	Peter Giese	Merck, Sharp & Dohme
iCASE 0+4	Magnetic Therapy - Pioneering new frontiers in non-pharmacological treatments for depression during pregnancy	Michael Craig	Allan Young	1. MagVenture 2. SMART TMS
iCASE 0+4	Trans-generational transmission of obesity and obesity-induced liver disease – a role for maternal microbiota and Toll-like receptors	Jude Oben	Paul Taylor	Yaqrit Ltd
A*STAR 0+4	Platelets: Pivotal players in allergen sensitization	Simon Pitchford	Olaf Röttschke	Singapore Immunology Network (SiGN)
A*STAR 0+4	The impact of the environment on tactile processing in social development in two large pediatric samples.	Paola Dazzan	Michael Meaney	Singapore Institute for Clinical Sciences (SICS)

Our 1+3 students have received the MRC DTP Catalogue, please expect them to be in contact with you over the summer months to discuss rotating in your lab if you have a project in our catalogue. 1+3 students will confirm their first rotation project when they join us in September. Similarly, decisions of the second and third rotations will be made in December and March, respectively. 1+3 students must receive approval from their Personal Tutor before commencing each project.