

## SoCoBio DTP University of Southampton Visit Day 2023 Wednesday 8<sup>th</sup> February 2023, 10:00 – 16:00

**10:00 – 10:30 Refreshments and registration**

**10:30 – 11:30 Meet supervisors, SoCoBio students and the DTP Director for an informal Q&A**

Location: Highfield Campus, Building 85 Room 2207

This will be a Q&A session for applicants to ask supervisors, students and the DTP Director questions about the programme and studying at Southampton.

International students can join this session online. Link will be emailed to all students expressing online access in the sign-up form.

**12:00 – 13:00 General tours of the Life Sciences Building 85 and laboratories**

Applicants can sign up for tours during the Q&A session.

**13:00 – 16:00 Visit supervisors and their labs and take a walk around campus**

If applicants would like to meet with supervisors they are asked to contact them directly to arrange a convenient time to meet in the afternoon and visit their labs. Please note not all supervisors are located on Highfield Campus but there is good bus connection between locations.

List of Supervisors and their contact email below

Project No.	PI	Email	Title
2301	Andrews, Melissa	M.R.Andrews@soton.ac.uk	Designing Glial-derived exosomes for use in nervous system repair
2303	Baud, Matthias	m.baud@soton.ac.uk	Investigating the impact of cysteine oxy-PTMs on protein (mis)folding
2307	Bogdanov, Yury	y.d.bogdanov@soton.ac.uk	Functional characterization of GABAergic signalling in human haemopoietic stem cells (HSC).
2312	Cernava, Tomislav	t.cernava@soton.ac.uk	Implications of mobile genetic elements on biofilm formation in <i>Pseudomonas syringae</i> and its biological control
2313	Cheney, Jorn A	J.Cheney@Soton.ac.uk	Could membrane wings constrain mammalian evolution towards low aspect ratio flight?
2314	Cleal, Jane	j.k.cleal@soton.ac.uk	Do interactions between endometrial derived extracellular vesicles and the microbiome mediate an optimal uterine environment?
2318	Divecha, Nullin	N.Divecha@soton.ac.uk	Targeting druggable Phosphoinositide pathways to maintain muscle stem cell function during ageing.
2319	Elias, Salah	s.k.elias@soton.ac.uk	Elucidating the mechanisms of mechanochemical crosstalk between ion transport, mitotic spindle and chromosome

Project No.	PI	Email	Title
			dynamics during breast epithelial morphogenesis
2323	Foster, Gavin	Gavin.Foster@noc.soton.ac.uk	Imaging the metallome using correlative laser ablation mass spectrometry
2327	Gwyer Findlay	e.gwyerfindlay@soton.ac.uk	Antimicrobial peptide induction of epithelial cytokines – triggers and consequences
2331	Janouskovec, Jan	j.janouskovec@soton.ac.uk	Illuminating chloroplast origin and function through a discovery of novel protein transport route
2335	Lawrence, Andrew	al219@kent.ac.uk	Synthetic biology approaches to construct metal analogues of vitamin B12 to act as anti-microbial and imaging agents for health applications.
2336	Lee, Seung	s.s.lee@soton.ac.uk	Deciphering the bacterial signalling: Aptablotting of the HptRS two-component system in Staphylococcus aureus
2340	Liu, Yongqiang	Y.Liu@soton.ac.uk	Bioproducing succinic acid from hydrolysate of biomass waste in a biofilm reactor
2344	Meek, Richard	r.meek14@gmail.com	Decoding plant O-glycosylation signalling networks
2348	Nobrega, Franklin	F.Nobrega@soton.ac.uk	Phage mitigation of Klebsiella infection: a new approach for AMR
2350	O'Connor, Vincent	voconno@soton.ac.uk	Nanobody technology: feeding target authentication and mitigation strategies in crop protection.
2354	Pereira, Fatima	f.c.pereira@soton.ac.uk	Drug-microbiome-host interactions in Parkinson's disease
2364	Teeling, Jessica	J.Teeling@soton.ac.uk	Gut feelings: Inflammation in the gut and the impact of dopamine metabolism on brain function
2365	Terry, Matthew	mjt@soton.ac.uk	How to build a chloroplast: Unravelling chloroplast communication with the nucleus
2366	Thompson, Jeffrey	j.r.thompson@soton.ac.uk	The role of signalling molecules in skeletal biomineralisation and development
2367	Thompson, Sam	st3a15@soton.ac.uk	Chemical Tools to Interrogate Protein-Misfolding Diseases
2370	Tumbarello, David	D.A.Tumbarello@soton.ac.uk	Developing a local interactome map of cargo adaptors associated with mitophagy
2371	Wijnen, Herman	hw3a11@soton.ac.uk	Environmental and genetic determinants of Brassica crop damage by the agricultural pest Diamondback moth

Project No.	PI	Email	Title
2372	Wilks, Sandra	s.a.wilks@soton.ac.uk	SMART: SMart ARchiTecture - use of antimicrobial copper alloys in public infection prevention strategies
2374	Williamson, Philip	P.T.Williamson@soton.ac.uk	Amyloid, what role does structural polymorphism play in neurotoxicity.
2375	Witzel, Christoph	c.witzel@soton.ac.uk	The physiology of colour afterimages

### Walk around campus

In between the tours and sessions please feel free to walk around the University campus and get a bite to eat at one of the University's catering outlets.

[Highfield Campus map](#)

Planning your visit [Visitor information & directions | University of Southampton](#)

Highfield Campus address: [University Road, Southampton, Hampshire SO17 1BJ](#)

**Southampton General Hospital:** University Hospital Southampton NHS Foundation Trust, Tremona Road, Southampton, Hampshire, SO16 6YD.

[Unilink buses](#) run from Highfield Interchange, which is in the centre of Highfield Campus, to the hospital.

### COVID-19 Protocols

**IMPORTANT:** If on the visit day you feel unwell, please notify the DTP Manager and any supervisors you have arranged to meet. An alternative day can be arranged for you to visit.

Do not hesitate to get in touch if you have any questions.

We look forward to seeing you soon.

*Sandra Dancer*

DTP Manager Email [socobio@soton.ac.uk](mailto:socobio@soton.ac.uk)