



THE UNIVERSITY OF
SYDNEY

Supervisor Code	Project Code	Title	Forename	Surname	HDR projects	Types of HDR students you are eligible to supervise [Mphil, PhD, UnSure, Others (please specify others)]
0001	a	Dr	Mark Ting	Gillies Zhang	Targeting human Muller cells to prevent retinal fibrosis	Honour, Mphil, PhD
0001	b	Dr	Mark Ting	Gillies Zhang	Targeting retinal metabolism to treat macular diseases	Honour, Mphil, PhD
0001	c	Dr	Mark Ling	Gillies Zhu	Preclinical study of delivering RNA-LNPs to treat retinal degeneration	Honour, Mphil, PhD
0001	d	Dr	Mark Ling	Gillies Zhu	Macula-on-a-Chip: a novel drug screen and development platform.	Honour, Mphil, PhD
0003	a	Dr	Yves	Kerdraon	Development of a wearable eye-rubbing detector	Unsure
0003	b	Dr	Yves	Kerdraon	Prevalence of keratoconus in cataract patients	Unsure
0004	a	Prof	Frank	Lovicu	Growth factor-induced lens cell proliferation and differentiation regulating ocular lens development and growth.	MPhil, PhD
0004	b	Prof	Frank	Lovicu	Identifying the mechanisms regulating aberrant lens cell behaviour that lead to cataract and blindness.	MPhil, PhD
0005	a	A/Prof	Michele/Max	Madigan/Conway	Developing novel treatments for uveal melanoma	Mphil, PhD



0006	a	Dr	Constantinos	Petsoglou	Development of a culture system to transplant corneal endothelial cells	Mphil
0007	a	Prof Dr	Matthew/ Lay Khoon	Simunovic/ Too	Optogenetics for vision restoration	Mphil, PhD
0007	b	Prof	Matthew	Simunovic	Predicting function from structure in medical & surgical retinal diseases	Mphil, PhD
0007	c	Prof Dr	Matthew/ Lay Khoon	Simunovic/ Too	Cell therapy for retinal degenerative diseases	Mphil, PhD
0008	a	Prof Dr	Stephanie Himal	Watson Kandel	Evaluation of treatment outcomes for dry eye disease	Mphil, PhD
0008	b	Prof Dr	Stephanie Himal	Watson Kandel	Evaluation of treatment outcomes for corneal diseases	Mphil, PhD
0008	c	Prof Dr	Stephanie Himal	Watson Kandel	Developing innovative biomaterials for corneal repair	Mphil, PhD
0008	d	Prof Dr	Stephanie Himal	Watson Kandel	World-first registries collecting treatment outcomes for corneal diseases	Mphil, PhD
0008	e	Prof Dr	Stephanie Himal	Watson Kandel	Improving outcomes for patients with corneal infection	Mphil, PhD
0008	f	Prof Dr	Stephanie Himal	Watson Kandel	IGATES Registry: Ocular trauma in Australia	Mphil, PhD
0009	a	Dr	Jingjing	You	Bioengineering cornea to be used for corneal transplantation	Mphil, PhD



0009	b	Dr	Jingjing	You	Development of collagen based delivery system for drug and cell delivery	Mphil, PhD
0009	c	Dr	Jingjing	You	Development of a novel tear based detection platform for disease diagnosis	Mphil, PhD

Course Details

Masters of Philosophy (MPhil Medicine and Health)

Faculty/University School: Faculty of Medicine and Health

Study mode: Research

Location: Camperdown/Darlington/Westmead and any affiliated hospital or institution

Graduate Qualities

Duration full time: 1 to 2 years full time equivalent for domestic and international students

Duration part time: 2 to 4 years part time

Doctor of Philosophy (PhD Medicine and Health)

Faculty/University School: Faculty of Medicine and Health

Study mode: Research

Location: Camperdown/Darlington/Westmead campus and any affiliated hospital or institution

Graduate Qualities

Duration full time: 3 to 4 years full time equivalent