## **CERA Research Pipeline**







## Ophthalmic drugs and therapies

Region	Main contact	Stand no.	Discovery	Target identification & validation	Lead discovery	Preclinical development	Clinical development Phase I-III
Anterior region	Prof. Mark Daniell	16	Hydrogel substrate for assistiv	ve endothelial surgery			
	Dr Rod O'Day	7	Chemotherapy agents to treat uveal melanomas				
Posterior region	Dr Luis Alarcon Martinez	1	Regulation of vascularisation and its impact on vision				
	A/Prof Ian Trounce	2	Role of mitochondria in neurodegeneration				
	Dr Zhichao Wu	6	Biomarkers to fast-track glaucoma and AMD treatments				
	Prof. Robyn Guymer	8	Causes of AMD and how to pre	eserve vision			
Gene & Cell therapy	Dr Thomas Edwards &	10	VENTURE-Progression of inherite	ed retinal diseases and n	atural history datal	pase	
	A/ Prof Lauren Ayton	12	Retinal gene therapies				
	A/Prof RGuei-Sheung (Rick) Liu	13	Gene therapies to treat chroni	c eye disease			
	A/Prof Ray Wong	15	Cellular reprogramming for re	egeneration of photore	eceptors		

## **CERA Research Pipeline**







## Ophthalmic medical devices and applications

