



HMDP Visiting Experts FY26

OFFICIAL PROGRAMMENote:

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EXPERT NAME

Fred Kuanfu Chen

START DATE

07/12/2026

END DATE

11/12/2026

SPECIALTY/TITLE OF PROGRAMME

Advancing Ophthalmic Innovation: IRD Research, Industry Partnerships and Translational Care

HOSTING INSTITUTION

Singapore National Eye Centre

DATE AND DAY	TIME	ACTIVITIES	Training Objectives	NTP* (YES/NO)	VENUE AND CAPACITY	NAME AND EMAIL OF COORDINATOR
Monday 7/12/2026	8.30am – 10.00am	Lion's Eye Institute and IRD research in Western Australia	Understand the structure, clinical model and research priorities of the Lions Eye Institute IRD programme and identify opportunities for collaboration with SNEC/SERI.	YES	SNEC Level 4 Auditorium	Beau Fenner beau.j.fenner@singhealth.com.sg
	10.00am – 12.00pm	IRD Case Discussions	Discuss complex inherited retinal disease cases, with emphasis on phenotyping, genetic interpretation, counselling, prognosis and therapeutic eligibility.	YES	SNEC, Level 4 Auditorium	Beau Fenner beau.j.fenner@singhealth.com.sg
	12.00pm – 1.30pm	Lunch with SERI	N/A	NO	TBA	
	2.00pm – 4.30pm	IRD therapeutics: Bench	Review laboratory approaches for IRD therapeutic development, including disease modelling, molecular assays, preclinical testing and translational endpoints.	NO	SERI, Level 6 Boardroom	Tay Hwee Goon tay.hwee.goon@seri.com.sg
	4.45am – 5.30pm	IRD therapeutics: Bedside	Discuss clinical implementation of IRD therapeutics, including patient selection, outcome measures, trial readiness, counselling and post-treatment monitoring.	NO	SERI, Level 6 Boardroom	Beau Fenner beau.j.fenner@singhealth.com.sg

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Tuesday 8/12/2026	8.30am – 10.00am	Diagnosis of paediatric IRD	Develop an approach to diagnosing paediatric inherited retinal disease, including clinical examination, multimodal imaging, electrophysiology and genomic testing.	YES	KKH	Saadia Farooqui saadia.zohra.farooqui@singhealth.com.sg
	10.00am – 12.00pm	Management of paediatric IRD	Review longitudinal management of paediatric IRD, including monitoring, genetic counselling, low-vision support, syndromic evaluation and treatment readiness.	YES	KKH	Saadia Farooqui saadia.zohra.farooqui@singhealth.com.sg
	12.00pm – 2.00pm	Lunch with SNEC	N/A	NO	TBA	
	2.00pm – 3.30pm	Therapeutic development for IRD	Understand the translational pathway from disease mechanism and target discovery to preclinical validation and clinical trial development for IRD therapies.	YES	SERI, Level 6 Boardroom	Tay Hwee Goon tay.hwee.goon@seri.com.sg
	3.30pm – 5.30pm	PRPF31 therapy / PYC Therapeutics	Review the development of PRPF31-directed therapy, including molecular rationale, delivery strategy, trial design and industry-academic collaboration.	YES	SERI, Level 6 Boardroom	Tay Hwee Goon tay.hwee.goon@seri.com.sg

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Wednesday 9/12/2026	8.30am – 9.45am	Geographic atrophy and complement inhibitors	Understand the rationale, evidence base, patient selection and practical considerations for complement inhibitor therapy in geographic atrophy.	YES	SNEC, Level 4 Auditorium	Prof Gemmy Cheung gemmy.cheung.c.m@singhealth.com.sg and Farah Ibrahim farah.nur.ilyana.m.i@singhealth.com.sg
	10.00am – 11.00pm	Surgical management for AMD	Discuss the role of vitreoretinal surgery in selected AMD complications, including haemorrhage, tractional pathology and complex neovascular sequelae.	YES	SNEC, Level 4 Auditorium	Prof Gavin Tan gavin.tan@singhealth.com.sg and Stanley Poh stanley.poh.s.j@singhealth.com.sg
	12.00pm – 2.00pm	Lunch with MR	N/A	NO	TBA	
	2.30pm – 3.45pm	Vitreoretinal lymphoma	Review diagnostic strategies and management pathways for vitreoretinal lymphoma, including clinical recognition, imaging, biopsy and multidisciplinary care.	YES	SNEC, Level 4 Auditorium	Anita Chan anita.chan.s.y@singhealth.com.sg
	4.00pm – 5.00pm	Inflammatory retinopathies	Discuss the differential diagnosis and management of inflammatory retinopathies, including distinction from inherited, neoplastic and degenerative mimics.	YES	SNEC, Level 4 Auditorium	Chee Soon Phaik chee.soon.phaik@sneec.com.sg and Sanjay Srinivasan sanjay.srinivasan@sneec.com.sg

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Thursday 10/12/2026	8.30am – 9.30am	Lecture 1: Diagnostic Clues in Inherited Retinal Diseases and Their Mimics Description of lecture: A practical framework for phenotype-driven diagnosis, focusing on the clues that distinguish one inherited retinal disease from another (e.g. ABCA4 versus PRPH2 retinopathy) and differentiate true IRDs from common mimics such as AMD and pseudo-retinitis pigmentosa.	Identify diagnostic clues that distinguish inherited retinal diseases from their mimics.	YES	NUH	Wendy Wong wendy_wong@nuhs.edu.sg
	9.30am – 10.15pm	Case Discussions	Apply clinical and imaging findings to diagnose inherited retinal diseases.	YES	NUH	Wendy Wong wendy_wong@nuhs.edu.sg
	10.30pm – 12.00pm	Lecture 2: Luxturna therapy (RPE65), VP-001 therapy (PRPF31), NACA treatment (Usher), Tinalrebant treatment (ABCA4)	Describe the indications, mechanisms, benefits and risks of emerging IRD therapies.	YES	NUH	Wendy Wong wendy_wong@nuhs.edu.sg
	12.00pm – 2.00pm	Lunch	N/A	NO	TBA	
	2.00pm – 3.15pm	Lecture 3: Management of rare posterior segment diseases Lecture description: - AIR / AZOOR / Acute outer retinopathy / CAR -Vitreoretinopathies including Sticklers, Wagners, FEVR and Coat's plus diseases	Diagnose and manage rare inflammatory, autoimmune and inherited posterior segment diseases.	YES	NUH	Wendy Wong wendy_wong@nuhs.edu.sg
	3.15–4.00pm	Case discussions	Formulate investigation and management plans for complex posterior segment cases.	YES	NUH	Wendy Wong wendy_wong@nuhs.edu.sg
	4.00 pm – 5.00pm	Lecture 4: How Editors Think and What Journals Want Description of lecture: The common pitfalls to avoid in study design, weak points in manuscript framing, and how to structure a paper so that its clinical and scientific value is immediately clear to reviewers and editors.	Structure a strong manuscript and avoid common barriers to publication.	Yes	NUH	Wendy Wong wendy_wong@nuhs.edu.sg

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Friday 11/12/2026	8.30pm – 10.30pm	Surgical management for posterior segment tumours	Review current approaches to surgical management of malignancies and discuss patient selection, timing of surgery and expected outcomes.	YES	SNEC, Level 4 Auditorium	Charles Ong charles.ong.j.t@sneec.com.sg and Stanley Poh stanley.poh.s.j@singhealth.com.sg
	10.45am – 12.00pm	Inherited vitreoretinopathies and surgical management	Review the diagnosis and management of inherited vitreoretinopathies, including indications, timing and surgical considerations for vitreoretinal intervention.	YES	SNEC, Level 4 Auditorium	Andrew Tsai andrew.tsai.s.h@singhealth.com.sg and Joshua Lim joshua.lim@singhealth.com.sg
	12.00pm – 2.00pm	Lunch	N/A	NO	TBA	
	2.00pm – 3.15pm	Hereditary optic neuropathies	Review the clinical and genetic evaluation of hereditary optic neuropathies, including differential diagnosis, investigation pathways and emerging therapies.	YES	SNEC, Level 4 Auditorium	Shweta Singhal shweta.singhal@singhealth.com.sg
	3.30pm – 5.00pm	Wrap-up and HMDP VE report discussion/writing	Finalize report	YES	SNEC, Level 4 Auditorium	Beau Fenner beau.j.fenner@singhealth.com.sg

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