



INFLAMMATIO 2024

20th – 21st November 2024

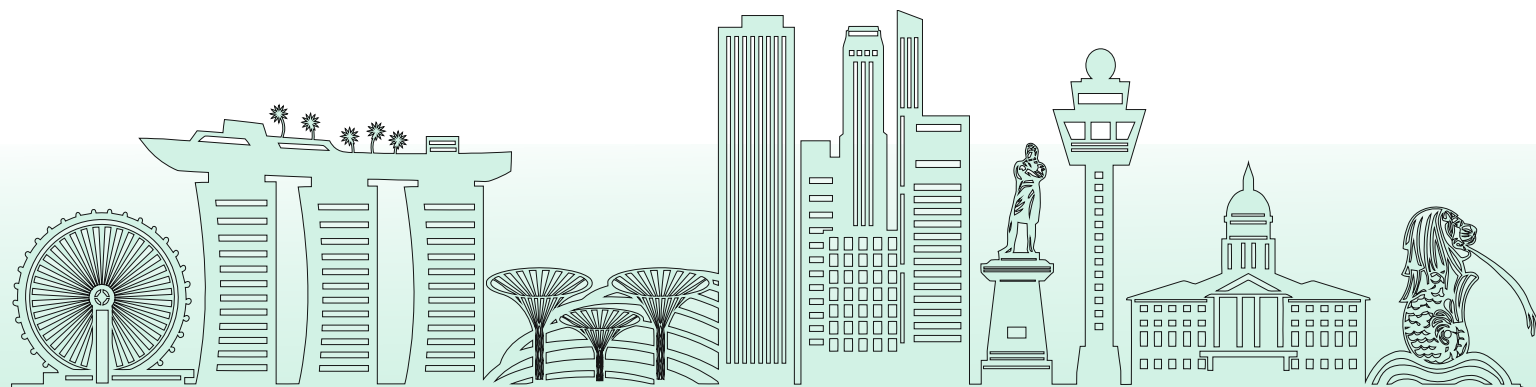
VENUE

Singapore National Eye Centre and Academia,
The Academia, 20 College Road, Singapore

Scientific Programme

Organised by:

IUSG & Singapore National Eye Centre



"Unlocking Uveitis: Integrating Imaging in Uveitis Practice"

A course by IUSG

SCIENTIFIC PROGRAM

Wednesday, 20th November 2024 (Day-1)

Session / Time	Topic	Speaker
Session 1 08:30 - 09:54 AM	"General concepts of imaging in uveitis"	
Moderators	Massimo Accorinti, Anita Chan	
08:30 - 08:42 AM	My approach to anterior uveitis: How imaging helps me	Soon Phaik Chee
08:42 - 08:54 AM	Intermediate uveitis: My approach to imaging	Carlos Pavesio
08:54 - 09:06 AM	FFA: Role in uveitis	Hiroshi Keino
09:06 - 09:18 AM	ICG: Looking deep in the choroid	Bahram Bodaghi
09:18 - 09:30 AM	OCT in uveitis	Debra Goldstein
09:30 - 09:42 AM	OCTA in Uveitis	Sofia Androudi
09:42 - 09:54 AM	Adaptive Optics in Uveitis	Quan Dong Nguyen

09:54 - 10:25 AM	Panel Discussion-1	
Moderators	Reema Bansal, Annabelle Okada	
Panelists	Alejandro Fonollosa, Kalpana Babu Murthy, Sudharshan Sridharan, Janet Davis, Rina La Dista Nora	

10:25 - 10:45 AM	Morning Break
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Session 2 10:45 AM - 12:21 PM	"Imaging for management of specific diseases"	
Moderators	Nobuyoshi Kitachi, Mamta Agarwal	
10:45 - 10:57 AM	Imaging Biomarkers for objective measurement of intraocular inflammation	Alessandro Innvernizi
10:57 - 11:09 AM	MMI in Syphilis	Ahmed Sallam
11:09 - 11:21 AM	MMI in Autoimmune retinopathies	Peter McClusky
11:21 - 11:33 AM	MMI in VKH	Annabelle Okada
11:33 - 11:45 AM	Wide-field imaging in vasculitis	Peizeng Yang
11:45 - 11:57 AM	MMI in ocular TB	Vishali Gupta
11:57 - 12:09 PM	MMI in ocular Toxoplasmosis	Alejandra de la Torre
12:09 - 12:21 PM	MMI in HIV	Andre Curi

12:21 - 12:45 PM	Panel Discussion-II	
Moderators	Zohar Habot Wilner, Grace Levy Clarke	
Panelists	Piergiorgio Neri , Jyotirmay Biswas, Luca Cimino, Marc de Smet, Derrick Smith, Uwe Pleyer	

12:45 - 02:15 PM	Alcon Lunch Symposium with Live Surgery
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Session / Time	Topic	Speaker
Session 3 02:15 - 03:30 PM	"Delving deeper into Imaging"	
Moderators	Daniel Vasconcelos Santos, Stephan Thureau	
02:15 - 02:25 PM	Quantification of Retinal Vasculitis	Marc Westcott
02:25 - 02:35 PM	Choroidal Vascularity Index and Uveitis	Rupesh Agrawal
02:35 - 02:45 PM	Imaging Retinal Vascular Mural Cells	Amani Fawzi
02:45 - 02:55 PM	Imaging the Retinal macrophages	Francesco Pichi
02:55 - 03:05 PM	Artificial Intelligence in Uveitis	Lucia Sobrin
03:05 - 03:15 PM	OCT choroidal enhancement using generative AI	Leopold Schmetterer
03:15 - 03:30 PM	QA	

03:30 - 03:45 PM	Afternoon Break
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Session 4 03:45 - 04:45 PM	The Latest developments in Uveitis : Free Papers by IUSG Members 7 min presentation + 3 min Discussion	
Moderators	Jennifer Thorne, Justine Smith, Dara Kilmartin	
03:45 - 03:55 PM	Monitoring observer reliability in anterior chamber cell grading using the TGIS visual scale	Marc de Smet
03:55 - 04:05 PM	Quantitative analysis of retinal microvasculature using retinal vascularity index in patients with uveitis	Rupesh Agrawal
04:05 - 04:15 PM	Association between Immune Checkpoint Inhibitor Medication and Uveitis: A TriNetX Database Study	Chun-Ju Lin
04:15 - 04:25 PM	Multimodal imaging enhanced by indocyanine green angiography in syphilitic uveitis	Daniel Vasconcelos-Santos
04:25 - 04:35 PM	Posterior Hyaloid Adhesion as an Optical Coherence Tomography biomarker of active Toxoplasma Retinochoroiditis	Mudit Tyagi
04:35 - 04:45 PM	To evaluate the intravitreal 0.19 mg Fluocinolone acetonide implant (FAi) (Iluvien®) for the management relapsing non-infectious uveitis in a "real-world" setting.	Uwe Pleyer

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Session 5 04:45 - 05:55 PM	Rapid Fire Session 3 min each with 2 min discussion	
Moderators	Martin Van Hagen, Hwei Wuen, Michal Kramer	
04:45 - 04:50 PM	Mycobacterium tuberculosis Infection of Retinal Endothelial Cells Induces Interferon Signaling Activation: Insights into Tubercular Retinal Vasculitis	Ikhwanuliman Putera
04:50 - 04:55 PM	Utilizing Vision Transformers in AS-OCT: A Novel Approach for Quantifying Anterior Chamber Inflammation	Carlos Cifuentes Gonzalez
04:55 - 05:00 PM	Adalimumab autoantibody characteristics in routine testing of non-infectious uveitis patients	Lynn zur Bensen
05:00 - 05:05 PM	Aqueous concentration of 2.0% ganciclovir eye drop following topical application for cytomegalovirus anterior segment infection	Samanthila Waduthantri
05:05 - 05:10 PM	MicroRNA 4485-3p as a biomarker for uveitis in juvenile idiopathic arthritis	Michal Kramer
05:10 - 05:15 PM	An updated perspective: the incidence and clinical features of PCR-proven cytomegalovirus anterior uveitis	Yunhua Loo
05:15 - 05:20 PM	Quantitative analysis of retinal microvasculature using retinal vascularity index in patients with uveitis	Xin Wei
05:20 - 05:25 PM	Machine Learning to Predict Treatment Failure in Ocular Tuberculosis	William Rojas-Carabali
05:25 - 05:30 PM	Elevated vitreous levels of B cell activation factor (BAFF) and soluble interleukin-6 receptor in patients with macular edema due to uveitis related to Behçet's disease and sarcoidosis	Atsunobu Takeda
05:30 - 05:35 PM	Evaluation of outer retinal layer damage in eyes with autoimmune retinopathy using en face slab OCT	Sentaro Kusuhara
05:35 - 05:40 PM	Innovative Time in Range Assessment of Inflammation in Juvenile Idiopathic Arthritis-Associated Uveitis over 10-year follow-up	Atul Arora
05:40 - 05:45 PM	A 52-Week Phase 2 study of Brepocitinib in Active Non-Infectious Uveitis (NEPTUNE): Safety and Efficacy with Assessment of Macular Edema	Akshay Thomas
05:45 - 05:50 PM	Uncovering the Stromal Cell Populations in the Human Uveal Tract	Lakshanie Wickramasinghe
05:50 - 05:55 PM	Quantitative assessment of peripheral choroidal vasculature on UWF ICGA in posterior uveitis using advanced imaging processing techniques.	Ashish Markan
05:55 - 06:00 PM	Closing	

“Multimodal Imaging in Uveitis (MUV) by IUSG”

SCIENTIFIC PROGRAM

Thursday, 21st November 2024 (Day 2)

Session / Time	Topic	Speaker
Session 1 08:00 - 09:15 AM	Overview & Fundamental comprehension of Outer Retina & Choriocapillaris layers (ORCC)	
Chairperson	Justine Smith, Quan Dong Nguyen	
08:00 - 08:05 AM	Welcome & Introduction	Soon Phaik Chee
08:05 - 08:20 AM	A relook at White Dots : Neither White Nor Dots	Amani Fawzi
08:20 - 08:25 AM	Goals of MUV by IUSG	Vishali Gupta
08:25 - 08:35 AM	Use of Images in SUN II: Imaging as classification criteria	Jennifer Thorne
08:35 - 08:45 AM	Photo anatomy of Outer Retinal Choriocapillaris layers	Alessandro Invernizzi
08:45 - 08:55 AM	Immunopathology of ORCC	Gerhild Wildner
08:55 - 09:05 AM	Visual pathophysiology of ORCC	Graham Holder
09:05 - 09:15 AM	Discussion	

09:15 - 09:30 AM	Coffee Break
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Session 2 09:30 - 11:30 AM	Multimodal Imaging in Uveitis (MUV) : Nominal Group Technique & Delphi reports	
Chairperson	Marc de Smet, Annabelle Okada	
09:30 - 09:40 AM	MUV : Methodology	Vishali Gupta
09:40 - 09:55 AM	Multifocal choroiditis and PIC	Sapna Gangaputra
09:55 - 10:10 AM	MEWDS	Marion Munk
10:10 - 10:25 AM	Serpiginous Choroiditis	Aniruddha Agarwal
10:25 - 10:40 AM	APMPPE	Ester Carreno
10:40 - 10:55 AM	Birdshot chorioretinopathy	Francesco Pichi
10:55 - 11:15 AM	Discussion	

11:15 - 11:30 AM	Coffee Break
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Session 3 11:30 - 01:00 PM	Delphi and Validation part 1	
Chairperson	Alessandro Invernizzi, Aniruddha Agarwal	
	Validation of Proposed Criteria	

01:00 - 02:00 PM	Lunch
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“Multimodal Imaging in Uveitis (MUV) by IUSG”

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Thursday, 21st November 2024 (Day 2)

Session 4 02:00 - 03:15 PM	Delphi and Validation part 2
Chairperson	Alessandro Invernizzi, Aniruddha Agarwal
	Validation of Proposed Criteria

03:15 - 03:45 PM	Coffee Break
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Session 5 03:45 - 05:15 PM	Conclusion and Future Considerations	
Chairperson	Janet Davis, Vishali Gupta	
03:45 - 04:05 PM	Atypicals, Variants and Masquerades: The jungle of differential diagnosis	Elisabetta Miserocchi
04:05 - 04:15 PM	Imaging characteristics of NIPU involving ORCC (Not covered by SAUN) : AZOOR, AIR and so on	Jose Pulido
04:15 - 04:30 PM	En Face OCT and OCTA and the Pathoanatomy of Inflammatory Macular Disease	David Sarraf
04:30 - 04:45 PM	Machine learning in Ophthalmic Imaging	Leopold Schmetterer
04:45 - 05:00 PM	Interpreting Imaging in the era of Artificial Intelligence : Future possibilities	Srinivas Sadda
05:00 - 05:15 PM	Results of Validation	Alessandro Invernizzi
05:15 - 05:30 PM	Summary of MUV : Journey so far	Janet Davis
05:30 - 05:50 PM	IUSG future proposals with Members Interaction	Vishali Gupta
05:50 - 06:00 PM	Vote of thanks	Soon Phaik Chee



International Uveitis Study Group

