

Looking Beyond the Eye – XI

Conference on Precision Medicine in Ophthalmology **First Time in India**

August 30-31, 2025 *Hybrid (Join Us Online or In Person)*

 Kallam Anji Reddy Campus, Banjara Hills, Hyderabad



PROGRAM SCHEDULE

DAY-1: Saturday, August 30, 2025

TIME	TOPIC	SPEAKER
Session 1: Foundations of Precision Medicine; Moderator: Arpitha Kalava		
1:30- 1:45 p.m.	What precision medicine Really means	Dr Avinash Pathengay
1:45-2:00 p.m.	How Nutrition and Lifestyle impact precision medicine	Dr Gayatri Nishanth
2:00-2:15 p.m.	How AI and Big Data are shaping personalized Care	Dr Pravin Krishna Vaddavalli
2:15-2:30 p.m.	Exploring the Genetic Blueprint behind Tailored Treatments	Dr Goura Chattannavar
2:30-2:45 p.m.	Personalizing Targeted Therapies	Dr Virender Sachdeva
2:45-3:05 p.m.	Managing myopia through precision medicine	Dr Pavan Verkicherla
3:05-3:15 p.m.	Quick Break	
Session-2: Precision medicine and Glaucoma; Moderator: Kirti Chhabra		
3:15-3:35 p.m.	Predictive Genetics in Primary Congenital Glaucoma: CYP1B1 Genotype–Phenotype Insights	Dr Pratinya Kolipaka
3:35-3:55 p.m.	Spherophakia: An Enigma Unfolded through Prediction and Personalisation	Dr Rashmi Krishnamurthy
3:55-4:05 p.m.	Predicting and Preventing Malignant glaucoma in eyes with coexisting Angle Closure Glaucoma and Inherited Retinal Dystrophies (IRDs)	Dr Sirisha Senthil
4:05-4:25 p.m.	Predicting and preventing complications in Traboulsi syndrome	Dr Indupavani Velamala
4:25-4:40 p.m.	Precision medicine through clinical signs –Glaucoma	Dr Kirti Chhabra
4:40-5:00 p.m.	Tea Break	
Session-3: Precision medicine and Cornea; Moderator: Mariya Doctor and Tanmay Gokhale		
5:00-5:20 p.m.	Corneal Regeneration and 3D Bioprinting	Dr Vineet Joshi
5:20-5:40 p.m.	Keratoconus Progression Prediction Model using Deep Learning Algorithm	Dr Rashmi Deshmukh
5:40-6:00 p.m.	Keratoplasty Outcomes Prediction (KPOP) using machine learning tools	Dr Tanmay Gokhale
6:00-6:15 p.m.	Precision medicine through clinical signs– Cornea	Dr Mariya Doctor
Session-4: Precision medicine and Pediatric and Neuro-ophthalmology; Moderator: Amol Bansal and Adeline Lasrado		
6:15-6:35 p.m.	Personalizing treatment in Duane Syndrome– The DRS meter	Dr Ramesh Kekunnaya
6:35-6:55 p.m.	Is it Myasthenia/myasthenic syndrome? How do I personalize?	Dr Adeline Lasrado
6:55-7:15 p.m.	Predictors of recurrence in MOG optic neuritis	Dr Virender Sachdeva
7:15-7:30 p.m.	Precision medicine through clinical signs– Pediatric ophthalmology	Dr Amol Bansal
7: 30 p.m. onwards	Dinner	

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PROGRAM SCHEDULE

DAY-2: Sunday, August 31, 2025

TIME	TOPIC	SPEAKER
Session-5: Precision medicine in Retina and Uvea; Moderator: Arpitha Kalava, Sumant Sharma		
8:30-8:50 a.m.	Role of multimodal imaging biomarkers in predicting treatment outcomes for Retinopathy of Prematurity.	Dr Akash Belenje
8:50-9:10 a.m.	Fundus biomarkers predicting ROP in preterm babies	Dr Tapas Ranjan Padhi
9:10-9:30 a.m.	Precision begins with prediction: ML-powered insights from Big Data	Dr Sameera Nayak
9:30-9:50 a.m.	Precision Ophthalmology: AI- Powered prediction of DR severity and DME Outcomes	Dr Ritesh Narula
9:50-10:10 a.m.	Personalisation and prevention aspects in management of uveitis surgeries	Dr Anup Kelgaonkar
10:10-10:30 a.m.	Precision medicine in management of atypical retinal infections - the aspects of personalisation, participation and prevention	Dr Anup Kelgaonkar
10:30-10:50 a.m.	Predicting and preventing diabetic retinopathy in a personalized way	Dr Brijesh Takkar
10:50-11:10 a.m.	Precision medicine through clinical signs- Retina	Dr Arpitha Kalava
11:10-11:30 a.m.	Tea break	
Session-6: Precision medicine and Oculoplasty; Moderator: Sanjana Molugu		
11:30-11:50 a.m.	Sebaceous gland carcinoma nomogram: Predicting the outcomes	Dr Swathi Kaliki
11:50 a.m.-12:10 p.m.	Bespoke orbital reconstruction: personalised implants in orbital reconstruction	Dr Tarjani Dave
12:10-12:20 p.m.	Precision medicine through clinical signs- Oculoplasty	Dr Sanjana Molugu
	Closing Remarks	Dr Virender Sachdeva