

# Symposium on Molecular Genetics – 2024

April 25, 2024 – Thursday

Aravind Eye Hospital - Madurai

## SCIENTIFIC PROGRAM SCHEDULE

Venue : Auditorium - LAICO

Time	Topic	Speaker
8.00 - 8.30 am	Registration	
8.30 – 9.00 am	Inauguration & Welcome Address	
9.00 - 10.00 am	<b>Session I: Introduction</b> <b>Chairpersons:</b> <b>Moderator:</b>	
9.00 – 9.20 am	Genetic epidemiology of aging eye diseases	Dr Subhabrata Chakrabarti
9.20 – 9.40 am	When do we need genetic testing for patients with glaucoma	Dr. Arif O Khan
9.40 – 10.00 am	Glaucoma genetics and comprehensive genetic testing	Dr. G. Kumaramanickavel
10.00 – 10.30 am	Discussion	
<b>10.30 – 11.00 am</b>	<b>Coffee break &amp; Group Photo</b>	
11.00 - 1.00 pm	<b>SESSION II: Genetics &amp; Anterior segment diseases</b> <b>Chairpersons:</b> <b>Moderator:</b>	
11.00 – 11.20 am	Selected disorders of abnormal corneal size & shape	Dr. Arif O Khan
11.20 – 11.35 am	An appraisal of molecular testing in glaucoma	Dr Subhabrata Chakrabarti
11.35 – 11.45 am	Genetics of Congenital glaucoma	Dr. Anil K Mandal
11.45 – 11.55 am	Genetics of Juvenile glaucoma	Dr. Viney Gupta
11.55 – 12.10 pm	AECS- A Journey in Glaucoma Genetic Research	Dr. P.Sundaresan
12.10 – 12.30 pm	Immune related mechanisms in glaucoma and use of biomarkers	Dr. Arkasubhra Ghosh

12.30 – 12.50 pm	Pediatric glaucoma genetics 2024 & an approach to anterior segment dysgenesis	Dr. Arif O Khan
1.00 – 1.15 pm	Discussion	
<b>1.15 – 2.00 pm</b>	<b>Lunch break</b>	
<b>2.00 - 3.45 pm</b>	<b>Session III: Genetics &amp; posterior segment diseases</b> <b>Chairpersons:</b> <b>Moderator:</b>	
2.00 - 2.15 pm	Genetics in Retinoblastoma	Dr. A. Vanniarajan
2.15 - 2.30 pm	Albinism and allied disorders- Newer findings <i>(through video conference)</i>	Dr. A.S. Karthikeyan
2.30 - 03.00 pm	Pathognomonic retinal dystrophy phenotypes & an approach to retinal dystrophy	Dr. Arif O Khan
3.00 - 3.15 pm	Principles of gene therapy	Dr. Arkasubhra Ghosh
3.15 - 3.30 pm	Inherited genetic diseases of the eye and the role of genetic counseling	Dr Anuprita Ghosh
3.30 - 3.45 pm	Genetics in Ophthalmology practice and importance of a registry	Dr Siddarth Narendran
3.45 – 4.00 pm	Discussion	
<b>4.00 – 4.15 pm</b>	<b>Coffee break</b>	
<b>4.15 – 5:15 pm</b>	<b>Session IV: Panel Discussion on Brainstorming (The future of Genetics in ophthalmic diseases &amp; potential applications)</b> <b>Moderator:</b> <b>Panelists :</b> Dr. P. Vijayalakshmi, Dr. Siddarth, Dr. Arkasubhra Ghosh, Dr. Anuprita Ghosh, Dr Subhabrata Chakrabarti, Dr. Arif O Khan, Dr. Dharmalingam, Dr. A. Vanniarajan, Dr. Anil K Mandal, Dr. Shanta, Dr. G. Kumaramanickavel, Dr. Viney Gupta	
5.15 pm	Concluding remarks	