

ARVO INDIA Chapter: Indian Eye Research Group 2019 Program Schedule - Day 1: Saturday, 27 th July 2019		
TIME	EVENT	SPEAKER
07.45 am – 8.45 am	Registration	
08.45 am – 9.00 am	Inauguration: <ul style="list-style-type: none"> • Invocation: Dr. S. Meenakshi • Lighting the Lamp by Dignitaries • Welcome Speech: Dr. Ronnie George, Director –Research, Vision Research Foundation 	
Session – I: Retina: Molecular and Bio-physical perspectives Chair / Co-Chair: Dr. Muna Bhende / Dr. S. Mathavan		
09.05 am – 09.30 am	Keynote 1	Dr. Arup Das (UNM, New Mexico, USA) <i>In search of Novel Therapeutic Targets in Diabetic Retinopathy</i>
09.30 am – 09.45 am	Invited talk 1	Dr. Rajiv Raman (MRF, Chennai) <i>Artificial Intelligence in Diabetic Retinopathy</i>
09.45 am – 10.10 am	Keynote 2	Dr. John Robson (Gonville & Caius College, UK) <i>Contrast sensitivity in Diabetic Retinopathy</i>
10.10 am – 10.35 am	Keynote 3	Dr. Lingam Gopal (SERI, Singapore) <i>Thermo-reversible hydrogel as potential new vitreous substitute</i>
10.35 am – 11.00 am	Tea time	
11.00 am – 12.00 pm	Bireswar Chakrabarti Oration Introduction by Prof. D. Balasubramanian	Oration by Dr. G Bhanuprakash Reddy (NIN, Hyderabad) <i>Ocular complications of Diabetes and obesity: Biology, food and nutrition</i>
Session – II: Glaucoma: Molecular aspects Chair / Co-Chair: Dr. G. Kumaramanickavel / Dr. Ronnie George		
12.00 pm – 12.15 pm	Invited talk 2	Dr. Subhabrata Chakrabarti (LVPEI, Hyderabad) <i>Functional basis of Ocular angle development and IOP in primary congenital glaucoma</i>
12.15 pm – 12.30 pm	Invited talk 3	Dr. Senthilkumari Srinivasan (AMRF, Madurai) <i>Dexamethasone-induced Ocular Hypertension (DEX-OHT) in Indian Donor Eyes under Perfusion Culture</i>
12.30 pm – 12.45 pm	Invited talk 4	Dr. Sundaresan Periasamy (AMRF, Madurai) <i>POAGome: Genes associated with Primary Open Angle Glaucoma</i>

12.45 pm – 02.15 pm	Lunch and poster session	
02.15 pm – 03.15 pm	D. Balasubramanian Oration Introduction by Dr. J. Biswas	Oration by Dr. Deepak P. Edward (University of Illinois, USA) <i>Primary congenital glaucoma – the KKESH experience back to the future</i>
Session – III: Regenerative Cornea Chair / Co-Chair: Dr. Geetha Iyer / Dr. Indhumathi Mariappan		
03.15 pm – 03.30 pm	Invited talk 5	Dr. Muthukaruppan V.R (AMRF, Madurai) <i>Biology of the Adult Human Ocular Stem Cells and their importance in Health and Disease of the Eye</i>
03.30 pm – 03.45 pm	Invited talk 6	Dr. Manni Luthra (PGIMER, Chandigarh) <i>Generation and regeneration of cornea and cornea-like tissue</i>
03.45 pm – 04.00 pm	Invited talk 7	Dr. Gowri Priya Chidambaranathan (AMRF, Madurai) <i>miRNA regulating Limbal epithelial stem cells</i>
Session – IV: 04:00 pm – 05:20 pm		
Free Paper Session 1: Parallel session [Dynasty Hall] Chairpersons: Dr. Pukhraj Rishi (MRF) / Dr. Inderjeet Kaur (LVPEI) / Dr. H. Nabanita (AIIMS)		
Free Paper Session 2: Parallel session [Regency Hall] Chairpersons: Dr. R. Krishnakumar (MRF) / Dr. Srikanth Bharadwaj (LVPEI) / Dr. R. Dharani (SRMU)		
05.20 pm – 5.45pm	Tea time	
06.00 pm – 07.00 pm	Quiz [Regency Hall]	
07.00 pm – 08.00 pm	Cultural programme	
08.00 pm onwards	GALA DINNER	

ARVO INDIA Chapter: Indian Eye Research Group 2019
Program Schedule - Day 2: Sunday, 28th July 2019

TIME	EVENT	SPEAKER
Session – V: Cornea and Infection Chair / Co-Chair: Dr. Prema Padmanabhan / Dr. K. Lily Therese		
08.35 am – 09.00 am	Keynote 4	Dr. Naoki Okumura (Doshisha University, Japan) <i>Can cell-based therapy and eye-drop medication become future therapies for the treatment of corneal endothelial disease?</i>
09.00 am – 09.15 am	Invited talk 8	Dr. Sanhita Roy (LVPEI, Hyderabad) <i>Host defense responses in Streptococcus pneumoniae keratitis</i>
09.15 am – 09.30 am	Invited talk 9	Dr. Arkasubhra Ghosh (Narayana Nethralaya, Bengaluru) <i>Understanding the immune and inflammation pathways in keratoconus</i>
09.30 am – 09.45am	Invited talk 10	Dr. Soumyava Basu (LVPEI, Bhubaneswar) <i>Ocular TB: More than what meets the Eye</i>
09.45 am – 10.45 am	Dr. Venkat N. Reddy Oration Introduction by Prof. K. Dharamalingam	Dr. Thirumurthy Velpandian (AIIMS, Delhi) <i>Decoding the Access Control Systems on Ocular Ports for Xenobiotics</i>
10.45 am – 11.00 am	Tea time	
Session – VI: Retinal pathophysiology and stem cells Chair / Co-Chair: Dr. Vikas Khetan / Dr. Krishnakumar Subramanian		
11.00 am – 11.15 am	Invited talk 11	Dr. Inderjeet Kaur (LVPEI, Hyderabad) <i>Molecular insights into the pathogenesis of Retinopathy of Prematurity</i>
11.15 am – 11.40 am	Keynote 5	Dr. Geeta Vemuganti (Central University, Hyderabad) <i>Cancer Stem cells in Rb: a non- mammalian model system</i>
11.40 am – 11.55 am	Invited talk 12	Dr. Indhumathi Mariappan (LVPEI, Hyderabad) <i>How does an LCA causing mutation in RD3 affect the retinal function?</i>
11.55 am – 12.55 pm	SS Badrinath Oration Introduction by Dr. Girish Shiva Rao	Dr. Sudha K. Iyengar (Case Western Reserve University, USA) <i>The Big Data revolution in Ocular Genomics</i>
12.55 pm – 02.15 pm	Lunch and poster session	

Session – VII: Eye: Global issues**Chair / Co-Chair: Dr. Pramod Bhende / Dr. R.R Sudhir**

02.15 pm – 02.30 pm	Invited talk 13	Dr. Shivaji Sisinthy (LVPEI, Hyderabad) <i>Conjunctival and corneal fungal microbiome alterations in patients with fungal keratitis</i>
02.30 pm – 02.55 pm	Keynote 6	Dr. John Barbur (UCL, London) <i>Colour vision in normal trichromats and in congenital and acquired deficiencies – Implications for health and employment</i>
02.55 pm – 03.10 pm	Invited talk 14	Dr. Mousumi Mutsuddi (BHU, Varanasi) <i>Uncovering causal genetic variants for congenital ocular diseases in North Indian Population</i>
03.10 pm – 03.35 pm	Keynote 7	Dr. Lucia Sobrin (Harvard Medical School, USA) <i>Genomics of Diabetic Retinopathy: Past, Present and Future</i>
03.35 pm – 03.50 pm	Invited talk 15	Dr. Survo Chatterjee (AUKBC, Chennai) <i>Mechanistic exploration of thalidomide mediated eye anomalies and its nitric oxide link</i>
03.50 pm – 04.05 pm	Invited talk 16	Dr. Premanandhini Satgunam (LVPEI, Hyderabad) <i>Pediatric Perimeter: Going beyond babies</i>
04.05 pm – 04.35 pm	<ul style="list-style-type: none">• Awards• Closing Remarks• Vote of Thanks	
04.35 pm	Tea time	