

ARVO INDIA Chapter : Indian Eye Research Group 2019 Programme 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	
Session – I: Retina: Molecular and Bio-physical perspectives		
09.05 am - 09.30 am	Key note 1	Dr. Arup Das (UNM, New Mexico, USA) <i>In search of Novel Therapeutic Targets and Biomarkers 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	Key note 2	Dr. John Robson (Gonville and Caius College, Cambridge, UK) <i>Contrast sensitivity in Diabetic Retinopathy</i>
10.10 am - 10.35 am	Key note 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	Dr. Bireswar Chakraborty Oration Introduction by Prof. D. Balasubramanian	Oration by Dr. Banu Prakash Reddy (NIN, Hyderabad)
Session – II: Glaucoma: Molecular aspects		
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	Dr. 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		
03.15 pm - 03.30 pm	Invited talk 5	Dr.Muthukaruppan (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. Mani 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 -05.00 pm		
Free Paper Session 1: [Dynasty Hall]		
Free Paper Session 2(Parallel session): [Regency Hall]		
05.00pm-5.15pm	Tea time	
05.15pm - 06.15 pm	Quiz [Regency Hall]	
06.30 pm - 07.30 pm	Cultural programme	
07.30 pm -08.30 pm	Dinner	

ARVO INDIA Chapter : Indian Eye Research Group 2019 Programme Schedule - Day 2: Sunday, 28 th July 2019		
TIME	EVENT	SPEAKER
Session – V: Cornea and Infection		
08.35 am - 09.00 am	Key note 4	Dr. Naoki Okumura, MD (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 defence 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, Hyderabad) <i>Ocular TB: More than what meets the Eye</i>
09.45 am - 10.45 am	Dr.Venkat 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		
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	Key note 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	Dr. 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 - 02.30 pm	Lunch and poster session	

Session – VII: Eye: Global issues		
02.30 pm -02.55 pm	Key note 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-03.20pm	Key note 7	Dr. Shahina Pardhan (Anglia Ruskin Univ, Cambridge, UK) <i>The role of auditory function in visual loss</i>
03.20 pm-03.35 pm	Invited talk 13	Dr. Mousumi Mutsuddi (BHU, Varanasi) <i>Uncovering causal genetic variants for congenital ocular diseases in North Indian Population</i>
03.35pm -04.00 pm	Key note 8	Dr. Lucia Sobrin (Harvard Medical School, USA) <i>Genomics of Diabetic Retinopathy: Past, Present and Future</i>
04.00 pm-4.15 pm	Invited talk 14	Dr. Survo Chatterjee (AUKBC, Chennai) <i>Mechanistic exploration of thalidomide mediated eye anomalies and its nitric oxide link</i>
04.15 pm -04.30 pm	Invited talk 15	Dr. Premanandhini Satgunam (LVPEI, Hyderabad) <i>Pediatric Perimeter: Going beyond babies</i>
04.30 pm- 5.00 pm	<ul style="list-style-type: none"> • Awards • Closing remarks • Vote of Thanks 	
5.00 pm	Tea time	