

# Posters Program

SUNDAY 5 FEBRUARY 2017

## POSTER SESSION 1

8am - 10:00am

1	Modeling retinitis pigmentosa using patient-specific 3D retinas with a P23H mutation	Loi, Kim-Lee
4	A database for inherited eye disease related proteins analyzed using the Unifying Mutation Screen (UMS)	McCafferty, Caitlyn
7	Enophthalmos and neovascular in human embryonic stem-cell-derived 3D retinas	Sun, Lan-Fang
10	Mitochondrial Cytochrome c oxidase activity (COX) dysfunction correlated with the severity of primary open angle glaucoma (POAG)	Mohanty, Kuldeep
13	Bright light suppresses cone degeneration, myopia development with activation of dopamine D1 receptor signaling in the ON pathway in retina	Zhou, Kanglan
18	Reengineering Snail's Membrane	McLennan, Samuel
18	Functional Analysis of MP in Human retinal pigment epithelium by Cellulose stress	Ro, Ji-Ae
22	MIPD inflammation activation is associated with proliferative diabetic retinopathy	Loskovacs, Gergo
25	Novel ABCA4 mutation associated with late-onset Stargard's disease phenotype: a hypomorphic allele?	Adams, Madeline
28	Serum Hypoxipapability States in Corneal Decont	Al-Abedalati, Mehdi
31	Alarinal and glia effects of LPS (lipopolysaccharide) stimulation in the isolated adult retina	Taylor, Linnea
34	Cross-sectional Pupillographic Evaluation of Relative Afferent Pupillary Defect in Age-related Macular Degeneration	Takayama, Kai
37	Porcine Electroretinography after Implantation of a 256-gate Wireless Protoplast Subretinal Device	Lin, Po-Kiang
40	Effects of photodynamic therapy plus intravitreal aflibercept with subretinal intravitreal injections for aflibercept-resistant polypoidal choroidal vasculopathy	Sakai, Tsutomu
43	Probing Long-term Safety Limit of Electric Stimulus at Different Degeneration Stage in rfl1 Mouse Retina	Gao, Yongqiang
46	Macular hole formation and repair halt the progress of adult vitelliform macular dystrophy	Lai, Jonathan
49	Induced Pluripotent Stem Cells for Modeling Inherited Retinal Diseases	Zhang, Xiao
50	Efficacy of selective retina therapy (SRT) in the treatment of diabetic macular edema based on pre-treatment central macular thickness	Kim, Minhee
54	Quantifying retinal ganglion cell layer changes in inherited photoreceptor degenerations using optical coherence tomography	Wilson-Smith, Lisa



## POSTER SESSION 2

11am - 12:30pm

2	Effective and Comprehensive Genetic Analysis of Retinoblastoma by Next Generation Sequencing	Abraham, Abhishek
5	Whole-exome sequencing identifies novel genes for late-onset developmental glaucoma	Moguro, Akira
8	Next Generation Sequencing Reveals Novel and Known Mutations in Iranian Families with Congenital Refractive Dystrophies	Sayegh-Hassani, Seyed Mohammad
11	A Novel Small Deletion in MPO gene associated with a Chinese-Han-Hanr syndrome pedigree	Sui, Ruifang
14	Evaluating the genetic association of candidate genes loci with primary angle closure glaucoma in South Indian population	Quweh, Roopam
17	Pure foveal studies investigating a novel retinal dystrophy-disease gene	Sabri, Amin
20	Optical coherence tomography findings in infectious neuroretinitis: a comparison among different etiologies	Invernizzi, Alessandra