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Investigación en Retina y Ciencias de la Visión

Research in Retina and Vision Sciences



RETICS Patología Ocular

III CONGRESO INTERNACIONAL



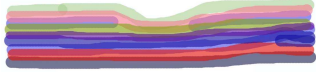
III INTERNATIONAL CONGRESS

Valencia, June 6th – 8th 2013
Ilustre Colegio Oficial de Médicos
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SIRCOVA INTERNATIONAL MEETING 2013

THURSDAY June 6th

SALÓN PROF LÓPEZ PIÑERO

8.30-10.20 **FREE PAPERS. SESSION 1**

Moderators: F.J. Marín-Olmos; J.M. Millán; A. Duch-Samper

8.30-8.34: 1) Retinal degeneration is accelerated by low-dose ethanol consumption.

Esquivia G¹, Pinilla I², Lax P, Cuenca N¹. 1University of Alicante & 2University Hospital of Zaragoza, (Spain).

8.34-8.38: 2) Neurotoxic Effect of Glutamate Receptor Agonists on Inner Retinal Cells.

Calvo E, Ramírez L, Barhoum R, Gomez-Vicente V, Cuenca N, De la Villa P. University de Alcalá. Alcalá de Henares. Madrid (Spain)

8.38-8.42: 3) Physiopathological retinal aging.

Hernández-Pinto AM, de la Rosa EJ, Sanfeliu C, de la Villa P, Boya P, Bosch F. Centro de Investigaciones Biológicas - CSIC. Madrid (Spain)

8.42-8.46: 4) Autophagy dysregulation in the retina: neurodegeneration and aging.

García-Ledo L¹, Rodríguez-Muela N², Koga H³, de la Villa P⁴, de la Rosa EJ¹, Cuervo AM³, Boya P¹. 1Ctr Invest. Biológicas (CSIC); 2Harvard Univ. (USA); 3Albert Einstein C. Medicine, NY, USA; 4Univ de Alcalá. (Spain)

8.46-8.50: 5) Total number and spatial distribution of mouse cones.

Ortín-Martínez A¹, Nadal-Nicolás FM^{1,2}, Jiménez-López M¹, Villegas-Pérez MP¹, Vidal-Sanz M¹, Agudo-Barriuso M². 1Universidad de Murcia. CMN. 2FFIS/IMIB (Spain).

8.50-8.54: 6) Automatic analysis of the rings of cone degeneration in the P23H rat.

García-Ayuso D¹, Jiménez-López M¹, Ortín-Martínez A¹, Agudo-Barriuso M², Vidal-Sanz M¹, Villegas-Pérez MP¹. 1Universidad de Murcia. Campus Mare Nostrum. 2 FFIS/IMIB (Spain)

8.54-8.58: 7) Fundus Albipunctatus and cone dystrophy.

Hernández Martínez FJ, Piñas García P, Lleó Pérez A. Hospital San Juan De Dios Del Aljarafe. Sevilla (Spain)

9.02-9.06: 8) Diagnosis of cone dystrophy with optical coherence tomography (OCT).

de Hoz R^{1,2}, García-Martín ES¹, Rojas B^{1,3}, Triviño A^{1,3}, Ramírez JM^{1,3}. 1Inst Inv. Oftalmol Ramón Castroviejo; 2Fac. Óptica-Optometría, 3Fac. Medicina. UCM. Madrid. (Spain)

9.06-9.10: 9) OCT images automated labeler (OCTAL) in different macular pathologies.

Abreu González R, Antón Canalis LA, Ramallo Fariña Y, Serrano Aguilar P. Servicio Evaluación Servicio Canario de la Salud. El Rosario-Tenerife (Spain)

9.10-9.14: 10) SD-OCT In Diagnosis And Follow-Up Of Optic Nerve Head Drusen (ONHD).

Rojas B^{1,3}, García-Martín ES¹, De Hoz R^{1,2}, Triviño A^{1,3}, Ramírez JM^{1,3}. 1Inst Invest Oftalmol R. Castroviejo; 2Fac. Óptica-Optometría, 3Fac. Medicina. UCM. Madrid. (Spain)

9.14-9.18: 11) Gitelman disease and sclerochoroidal calcification.

De Freytas A, Avnish D, Yannuzzi L, Gallego-Pinazo R, Díaz-Llopis M. Hospital Universitario y Politécnico La Fe. Valencia (Spain)

9.18-9.22: 12) Polypoidal choroidal vasculopathy as a complication of dome-shaped macula.

Arroyo C, Marín-Lambies C, Fons R, Marín F. Hospital Arnau de Vilanova & Hospital La Fe & CERE Centro Retina, Valencia (Spain)

9.22-9.26: 13) Full-thickness macular hole associated with diabetic foveal neovascularisation.

Martínez R¹, Marín-Lambies C², Fons-Martínez MR³, Martínez-Lajara A¹, Marín F¹. 1H.Clínico & 2Hospital La Fe, Valencia, 3H. Lluís Alcanyis, Xàtiva-Valencia (Spain)

9.30-9.34: 14) Intraoperative ultrasound for correct plaque placement in choroidal melanomas.

Mataix J, Fandiño A, Desco C, Palácios E, Navea A. Fundación Oftalmológica Mediterráneo (FOM) Valencia (Spain)

9.34-9.38: 15) Peripheral Retinal Ischemia In Waldenström's Macroglobulinemia.

Toro-Giraldo D, Hernández Pérez D, Sanz Rojas LF, Duch-Samper AM. Hospital Clínico Universitario de Valencia (Spain)

9.38-9.42: 16) Autologous fibrin for the treatment of Myopic Foveoschisis with a Macular Hole.

Fidalgo Broncano A. Ophthalmology Dept C. H. La Mancha Centro, Alcázar de San Juan (Spain)

9.42-9.46: 17) Role of autophagy during the development of the retina.

Esteban-Martínez L¹, Mellén MA², Latorre S¹, De la Rosa EJ¹, Cecconi F³ and Boya P¹. 1CIB-CSIC, 2The Rockefeller University NY, (USA), 3University of Tor Vergata, Rome (Italy).

9.46-9.50: 18) Neuro-ophthalmological assessment using spinal anaesthesia.

Del Río Velloso M, García Medina JJ, Pinazo-Durán MD; Abengochea-Cotaina A, Barberá Alacreu M. Department of Anesthesiology. University Hospital La Fe. Valencia. (Spain).

9.50-9.54: 19) Presence of monocyte cells as a bilateral response to unilateral optic nerve lesion.

Di Pierdomenico J, Avilés-Trigueros M, Vidal-Sanz M. Lab.of Experimental Ophthalmology, Dept. of Ophthalmology, University of Murcia, (Spain).

9.54-9.58: 20) Pro-inflammatory capacity of ARPE19 cells in response to toll like receptors challenge.

Puchades-Lanza L, Prieto-Chinchilla P, Pinazo-Durán MD, Jiménez-Santana P, Gallego-Pinazo R, Boscá-Gomar L. Ophthalmic Res. Unit "S. Grisolia" Fac. of Medicine. Univ of Valencia & Inst. of Biomedical Res. "A. Sols" CSIC. Madrid (Spain)

9.58-10.02: 21) Activation of steroid receptors using a novel liposomal anti-inflammatory formulation.

Soriano-Romani L¹, Vicario-De-La-Torre M², López-García A¹, Herrero-Vanrell R², Molina-Martínez IT², Diebold Y¹. 1Ocular Surface Group, IOBA-University of Valladolid & 2DepT of Pharmacy and Pharmaceutical Technology, Faculty of Pharmacy, Complutense Univ., Madrid, (Spain)

10.02-10.06: 22) Biodegradable ketorolac-loaded microspheres as controlled delivery systems for intraocular administration.

Rodríguez-Villagra E, Andrés-Guerrero V, Molina-Martínez IT, Bravo-Osuna I, Herrero-Vanrell R. Dept Pharmacy & Pharmaceutical Technology. Faculty Pharmacy, Complutense Univ. Madrid (Spain).

10.06-10.15: General Discussion

SALÓN PROF BARCIA GOYANES

EDUCATIONAL COURSES with credits of Professional Development.

10.00-11.00 COURSE 1. ANTIOXIDANT SUPPLEMENTATION AND ESSENTIAL FATTY ACIDS. PROS & CONS

Directors: M.D. Pinazo-Durán, J. Borrás

Speakers: R. Dolz-Marco, V. Zanón

10.00-10.05: Presentación del Curso. Documentación y Encuestas Nutricionales.- Vicente Zanón-Moreno

10.05-10.12.- “Antioxidantes y Ácidos grasos en nuestra dieta. ¿Cubrimos las necesidades para la salud visual?” M Dolores Pinazo-Durán. Unidad Invest Oftalmológica Santiago Grisolia, Valencia

10.14-10.30.- “Suplementos micronutricionales en oftalmología. Propiedades antiinflamatorias y antiangiogénicas de los ácidos grasos esenciales”. Jaime Borrás. Brudylab. Barcelona

10.32-10.48.- “Nuevas estrategias terapéuticas mediante inyección intravítrea de ácido docosahexaenoico (DHA)”. Rosa Dolz Marco Hospital Universitario y Politécnico La Fe. Valencia

10.50-11.00.- CONCLUSIONES AREDS2: Suplementos Antioxidantes: SI/NO; Suplementos con DHA: SI/NO

*Sponsored by Laboratorios Brudy
Breakfast included*

11.00-12.00 COURSE 3. TOPCON FOR MEDICAL AND SURGICAL RETINA SOLUTIONS

Director: A. Navea

Speakers: J. Montero, R. Gallego-Pinazo, J. Mataix, M.I. López Gálvez, y C. Marín

11.00-11.10.- “Actualización en tratamientos con láser Pascal”. Dr. Javier Montero Hernández Hospital General Univ.de Valencia

11.10-11.20.- “Swept Source OCT en lesiones melánicas coroideas: nevus vs. melanoma”. Dr. Roberto Gallego Pinazo Hospital Univ. y Politéc La Fe, Valencia

11.20-11.30.- “Cirugía bimanual con sistema OFFISS”. Dr. Jorge Mataix Boronat Fundación Oftalmológica del Mediterráneo, Valencia

11.30-11.40.- “Retinografía Telemática en pacientes diabéticos”. Dra. M. Isabel López Gálvez IOBA, Valladolid

11.40-11.50.- “Micro Perimetría y mácula”. Dra. Cristina Marín Lambies. Hospital Univ. y Politéc La Fe, Valencia.

Sponsored by Topcon

13.00-14.00 COURSE 5. SUBRETINAL FLUID: ETIOLOGIC DIFFERENTIAL DIAGNOSIS BY MULTIMODAL IMAGING

Director: L. Alonso

Speakers: R. Gallego-Pinazo, J.M. Ruiz-Moreno, R. Dolz-Marco

13.00-13.05.- Presentación del Curso. Dr. Luis Alonso. Clinica Rahhal. Valencia

13.06-13.20.- Dr. Rosa Dolz Marco. Hospital Univ. y Politécnico La Fe, Valencia

13.21-13.36- “Paquicoroides”. Dr. Roberto Gallego-Pinazo. Hospital Univ. y Politécnico La Fe, Valencia

13.37-13.50- Dr. José M. Ruiz Moreno. Universidad de Castilla La Mancha.

13.50-14.00 Discusión

Sponsored by Carl Zeiss Meditec

- 14.00-15.00 **COURSE 6. UPDATE ON TREATMENT PROTOCOLS WITH LUCENTIS FOR AMD, DME AND RVO**
Director: J.F. Arévalo, R. Gallego-Pinazo
Speakers: J.F. Arévalo, R. Gallego-Pinazo, S. Martínez, R. Dolz-Marco
Sponsored by Novartis
Lunch included

SALÓN PROF SEVERO OCHOA

EDUCATIONAL COURSES

- 10.00-11.00 **COURSE 2. OPTICAL COHERENCE TOMOGRAPHY. FROM HISTOPATHOLOGY TO THE CLINIC**
Directors: I. Pinilla, N. Cuenca
10.00-10.08 *Introduction: I Pinilla and N. Cuenca*
10.08-10.18 *“Correlation of OCT with the foveal neuromorphology”. N. Cuenca. University of Alicante*
10.18-10.30 *“Current nomenclature of human OCT layers”. I Pinilla University Clinic Hospital Zaragoza, Spain*
10.30-10.40 *“Use of OCT in diagnosis and prognosis of retinal pathologies. OCT changes due to retinal pathology”. I. Pinilla University Clinic Hospital Zaragoza, Spain*
10.40-10.50 *“Use of OCT in animal research”. N. Cuenca. University of Alicante*
10.50-11.00 *“Questions and Discussion”*
Sponsored by SIRCOVA

- 12.00-13.30 **COURSE 4. ALCON MICROINCISSIONAL VITRECTOMY & CLINICAL UTILITY OF NEVANAC**
Directors: D. Salom, J.J. Martínez-Toldos, A. Navea
Speakers: C. Marín, M. García, E. Palacios, MI López-Gálvez, J. Placeres
12.00-12.05.- *Presentación del Curso. Dr. David Salom. Hospital Univ.y Politécnico La Fé, Valencia*
12.06-12.16.- *“Introducción a los diferentes calibres de vitrectomía”. Dra. Cristina Marín. Hospital Univ. y Politéc La Fe, Valencia*
12.17.- 12.53.- *Casos Clínicos:*
-Dr. J. Martínez-Toldos. Dr. J. Placeres. Hospital General Universitario de Elche
-Dra. Cristina Marín. Hospital Univ. y Politécnico La Fe, Valencia
-Dra. Elena Palacios. Dra. María García Pous. Fundación Oftalmológica del Mediterráneo, Valencia
- Dra. Amparo Navea, Dr. José J Martínez-Toldos, Dr. David Salom: *Discusión*
12.55-13.15.- *Nepafenaco en la prevención del edema macular pseudofáquico: perfil de molécula y nivel de evidencia. Dra. Maribel López-Gálvez. Hospital Clínico Universitario, Valladolid*
13.15-13.30.- *Espectro terapéutico de nepafenaco. Perfiles de pacientes. Dr. Javier Placeres. Hospital de Torrevieja, Alicante.*
Sponsored by Alcon

SALÓN PROF LÓPEZ PIÑERO

- 15.00-17.00 **RETINAL RESEARCH SESSION (1)**
Moderators: M.D. Pinazo-Durán; N. Cuenca; M.P Villegas-Pérez
15.00-15.15 *Ciliopathies. From the Benchtop to the Clinic*
Dr. Eduardo Silva, Coimbra
15.15-15.30 *From Retinal Development to Drug Development*
Dr. Enrique de la Rosa, Madrid

15.30-15.45 Mitochondrial electron transport system and hydrogen peroxide: their roles in the pathogenesis of glaucoma
Dr. Neville Osborne, Oxford

15.45-16.00 Role of Ghrelin in Angiogenesis Regulation
Dr. Amandio Rocha Sousa, Porto

16.00-16.15 **GENERAL DISCUSSION**

16.20-16.50 **PLENARY LECTURE**

Moderators: N Cuenca, M Vidal-Sanz, C Nucci

“Atypical retinal neuroprotection”

Prof. Dr. Jeffrey H. Boatright

Department of Ophthalmology, Emory University School of Medicine, Atlanta, USA.

Past-President of the Association for Research in Vision and Ophthalmology (ARVO).

16.55-17.15 **Coffee Break**

SALÓN PROF LÓPEZ PIÑERO

17.20-18.10 **FREE PAPERS. SESSION 2**

Moderators: J.F. Arévalo; J. Donate; MD. Pinazo-Durán

17.20-17.24: 25) Contrast sensitivity in patients with Alzheimer’s dementia in initial stages.

García-Martín ES¹, Rojas B^{1,2}, de Hoz R^{1,3}, Yubero R⁴, Gil P⁴, Ramírez JM^{1,2}. 1Inst. Invest. Oftalmol. Ramón Castroviejo, 2Fac. Medicina, 3Fac. Óptica-Optometría, UCM, Madrid. 4Unidad Geriatria, Hospital Clínico San Carlos, Madrid. Spain

17.24-17.28: 26) Dynamic correlation between retinal and brain neuroimaging in multiple sclerosis.

LLorca-Cardenosa A, LLorca-Cardenosa M, Bañón-NavarroR, LLeó-Pérez A, Pinazo-Durán, MD. Castellón General Hospital. (Spain)

17.28-17.32: 27) OCT findings and autofluorescence in P23H line 1 rats.

Pinilla I, Segura FJ, Fuentes L, Pérez- García D, Sánchez-Cano A, Cuenca N. University Hospital Zaragoza. University of Zaragoza. University of Alicante (Spain)

17.32-17.36: 28) Normative macular thickness data in healthy children using Spectral Domain OCT.

Pérez García D, Pinilla-Lozano I, Ibáñez-Alperte J, Remón-Garijo L, Jiménez del Río B, Cristóbal-Bescós JA. Hospital Clínico Universitario Lozano Blesa de Zaragoza (Spain)

17.36-17.40: 29) Effects of posterior capsule opacification in macular thickness measurements by spectral domain OCT.

García-Medina JJ, Gómez-Fernández JJ, Valentino S, Morcillo-Guardiola M, Villada-Sánchez JC, Pastor Grau A. Depart of Ophthalmology. General University Hospital Reina Sofia. Murcia (Spain)

17.40-17.44: 30) SD-OCT and Fundus Autofluorescence Findings in a Case of Laser Pointer Induced Maculopathy. Marín-Lambies C, Gallego-Pinazo R, Bailey Freund K, Pinazo-Durán MD, Díaz-Llopis M. Hosp Univ Polit. La Fe, Valencia (Spain); Vitreous, Retina, Macula Consultants New York, (USA)

17.44-17.48: 31) Fundus photography for the diagnosis of diabetic macular edema.

Ibáñez-Alperte J, Pérez-García D, Pinilla-Lozano I, Mateo-Orobia A, Cristóbal-Bescós JA. Hospital Clínico Universitario Lozano Blesa de Zaragoza. (Spain)

17.48-17.52: 32) Lanreotide Autogel for the treatment of persistent diabetic macular edema.

Navea Tejerina A, Fernández-López E, Palacios-Pozo E, Mataix-Boronat J, Herraes C, Soto-Pedre E. Fundación Oftalmológica del Mediterráneo. Valencia (Spain)

17.52-17.56: 33) New-generation NSAID nepafenac 0.1% for treating post-cataract surgery cystoid macular edema.

Lleó-Pérez A, González-Navarro I, Navarro Piera J. Hospital Francesc de Borja. Gandía -Valencia (Spain)

17.56-18.00: 34) Acute visual loss after half dose photodynamic therapy in chronic central serous chorioretinopathy.

Arranz R, Marín-Lambies C, Fons R, Marín F. CERE Centro Retina, Valencia. La Fe University Hospital, Valencia (Spain)

18.00-18.10 **General Discussion**

18.15-19.20 **RETINAL RESEARCH SESSION (2)**

Moderators: J.M. Ruiz-Moreno; A.I. Ramírez-Sebastián; I. Pinilla

- 18.15-18.30 Choroidal Thickness in Diabetic Retinopathy and Pathologic Myopia
Dr. R. Silva, Coimbra
- 18.30-18.45 Swept-Source Optical Coherence Tomography and Choroidal Structures
Dr. J.M. Ruiz-Moreno, Albacete
- 18.45-19.00 Mouse Model of Cone Blindness: Genetic and Functional Assessment
Dr. P. de la Villa, Madrid
- 19.00-19.15 New Molecular Biomarkers in Retinal Disorders
Dr. G. Virgili, Firenze
- 19.15-19.30 Molecular Mechanisms Underlying the Formation of Visual Circuits
Dr. E. Herrera, Alicante
- 19.30-19.40 **GENERAL DISCUSSION**

19.45-20.10 **PLENARY LECTURE**

Moderators: M. Díaz-Llopis, M. Paz Villegas, R. Gallego-Pinazo

“Management and controversies in endophthalmitis”

Prof. Dr. J. Fernando Arévalo

Retina Division. Wilmer Eye Institute. Johns Hopkins University School of Medicine. Baltimore, USA

King Khaled Eye Specialist Hospital. Riyadh, Kingdom of Saudi Arabia

Executive Vice-President of the Panamerican Association of Ophthalmology (PAAO)

20.15-21.00 **FREE PAPERS. SESSION 3**

Moderators: J. Escribano, R. de Hoz, M.I. López-Gálvez

20.15-20.19: 35) Dosing Strategy of Ranibizumab in Retinal Vein Occlusion.

Martínez-Castillo S, Dolz-Marco R, Sanz-Marco E, Gallego-Pinazo R, Pinazo-Durán MD, Díaz-Llopis M. Hospital Universitario y Politécnico La Fe de Valencia (Spain)

20.19-20.23: 36) Simultaneous bilateral central retinal vein occlusion in Von Hippel Lindau syndrome.

Tudela-Molino M, Gómez-Fernández JJ, García-Medina JJ, Giménez-Castejón, Oñate-Celdrán J, Sánchez-Rodríguez C. Department Ophthalmology. General University Hospital Reina Sofia. Murcia (Spain)

20.23-20.27: 37) Bevacizumab treatment for macular exudation in juxtapapillary capillary hemangioma.

Fons-Martínez MR¹, Marín-Lambies C², Martínez-Lajara A³, Martínez-Navarro MR³. 1H. Lluís Alcanyis, Xàtiva-Valencia, 2H. La Fe & 3H. Clínico, Valencia (Spain)

20.27-20.31: 38) Preclinical Safety Of Intravitreal Docosahexaenoic Acid In A Rabbit Model.

Dolz-Marco R, Gallego-Pinazo R, Pons-Vazquez R, Pinazo-Durán MD, Sánchez-Monzó P, Díaz-Llopis M. University and Polytechnic Hospital La Fe, Valencia, (Spain)¹

20.31-20.35: 39) Detached retina serous: key sign for the diagnosis of HIV disease.

Piñas García P, Hernández Martínez FJ, Catalán P. Hospital San Juan de Dios, Bormujos-Sevilla (Spain)

20.35-20.39: 40) Cytokines and infectious markers in retinal detachment and proliferative vitreoretinopathy.

Expósito Ordóñez A, Gallardo Galera JM, Mollada Carbonell JM. Hospital Univ. Reina Sofia, Córdoba (Spain)

20.39-20.43 : 41) Erythropoietin in eyes of patients with Retinitis Pigmentosa.

Salom D, Marín-Lambies C, Rodrigo R, Martínez-Fernández C, Hervás D, Aller E. Hosp Universitario y Politécnico La Fe, Instituto Investigación Sanitaria- La Fe. Valencia (Spain)

20.43-20.47: 42) Oxidative stress markers in the aqueous humour and peripheral blood of patients with retinitis pigmentosa.

Martínez-Fernández de la Cámara C, Salom D, Sequedo MD, Marín-Lambies C, Aller E, Jaijo T, Díaz-Llopis M, Millán JM, Rodrigo R. Instituto de Investigación Sanitaria La Fe. Valencia, (Spain)

20.47-20.51: 43) p53 gene protects the retina by regulating endogenous oxidative stress.

Marco Ramírez C, Gallego-Pinazo R, Zanón-Moreno V, García-Medina JJ, Galbis-Estrada C, Ramírez AI. Ophthalmic Res. Unit “Santiago Grisolia” and Ophthalmic Valencia; Res. IIORC (UCM) Madrid (Spain).

20.51-20.55: 44) The Synthetic Cannabinoid HU210 Slows Retinal Degeneration in P23H Rats.

Lax P, Altavilla C, Esquivia G, Cuenca N. Physiology, Genetics and Microbiology, University of Alicante, (Spain).

20.55-21.05 **General Discussion**

FRIDAY June 7th

SALÓN PROF LÓPEZ PIÑERO

8.30-09.30 FREE PAPERS. SESSION 4

Moderators: J.J. Salazar; J. Neves Martins; M. Avilés-Triguero.

8.30-8.34: 45) Computer screens and dry eyes.

Vivar-Llopis B, Galbis-Estrada C, Ribelles A, Marco-Ramírez C, Pinazo-Durán MD. Ophthalmic Research Unit "Santiago Grisolia", Valencia (Spain)

8.34-8.38: 46) Nutraceuticals benefits dry eyes by lowering inflammation biomarkers.

Shoaie-Nia K, Galbis-Estrada C, Cantú-Dibildox J, Benítez-del-Castillo J, Vivar-Llopis B, Pinazo-Durán MD. Medicine Fac. Valencia Univ. & Hospital of Jerez (Spain)

8.38-8.42: 47) Aberrations in the anterior surface of the cornea with the new Pentacam software.

Pastor Grau A, Gutiérrez-Ortega R, Ortiz-Gomáriz A, Sánchez-Migallón M, Miralles de Imperial J. Hospital General Universitario Reina Sofía de Murcia (Spain)

8.42-8.46: 48) Autologous Fibrin Membrane for the management of corneal perforations.

Alió JL ^{1,2}, Rodríguez AE ^{1,2} 1Vissum Corporacion, Alicante & 2División de oftalmología, Univ. M.Hernández, Elche, (Spain)

8.46-8.48: 49) Changes in optical quality after cataract surgery.

García-Catalán MR, Arias-Alcalá M, Pérez-Cordobés MJ, Giménez-Almenara J, Gallardo-Galera JM. Reina Sofía Hospital, Córdoba (Spain)

8.48-8.52: 50) Glaucoma patients and dry eye disorders.

Galbis-Estrada C, Benítez-del-Castillo J, Marco-Ramírez C, Vivar B, Díaz-Llopis M, Pinazo-Durán MD. Medicine Fac. Valencia Univ. (Spain) & Hospital of Jerez (Spain).

8.52-8.56: 51) Tear dynamics after substitution of antiglaucomatous therapy with preservative-free prostaglandins.

Giménez-Gómez R, García Catalán R. Hospital Universitario Reina Sofía Córdoba (Spain)

8.56-9.00: 52) Oxidative stress, inflammation and apoptosis-related biomarkers in primary open-angle glaucoma.

Pinazo-Durán MD, Zanón-Moreno V, García-Medina JJ, Gallego-Pinazo R, Díaz-Llopis M. Ophthalmic Res. Unit "S. Grisolia", Medicine Faculty Valencia Univ. (Spain)

9.00-9.04: 53) Metabolomics of the aqueous humor in glaucomatous rats.

Mayordomo-Febrer A, López-Murcia M, Morales JM, Díaz-Llopis M, Pinazo-Durán MD. Veterinary Fac. CEU Cardenal Herrera & Medicine Fac Valencia Univ. (Spain)

9.04-9.08: 54) Identifying Genes Involved In Primary Congenital Glaucoma Using Whole Exome Sequencing.

Ferre-Fernández JJ, Aroca-Aguilar JD, Méndez-Hernández CD, Fernández-Vidal A, García Feijoo J, Escribano J. School of Medicine. Human Genetics Laboratory. Castilla-La Mancha Univ. Albacete, (Spain).

9.08-9.12: 55) Evidence for CYP1B1/FOXC1 digenic inheritance in a patient with Axenfeld-Rieger syndrome and congenital glaucoma.

Medina Trillo C, López Garrido MP, Morales L, García Antón M, García Feijoo J, Escribano J. Human Genetics Laboratory. Medical School. Castilla-La Mancha Univ. Albacete, (Spain).

9.12-9.30 General Discussion

09.35-10.30 RETINAL RESEARCH SESSION (3)

Moderators: M.S. Figueroa; J.F. Arévalo; A. Navea

09.35-09.50 Optical Coherence Tomography in Central Serous Choroidopathy. Implications for Therapeutic Management

Dr. J. Donate, Madrid

09.50-10.05 Possible Contributions of the Three Crumbs Proteins to Retinal Dystrophies

Dr. C. Lillo, Salamanca

Dr. M.S. Figueroa, Madrid

10.05-10.20 Myopic Foveoschisis. What is it? How to treat it?

10.20-10.30 GENERAL DISCUSSION

10.30-10.50 Coffee Break

SALÓN PROF LÓPEZ PIÑERO

10.50-12.00 RETINAL RESEARCH SESSION (4)

Moderators: J.H. Boatright; A. García Layana; N. Osborne

- 10.50-11.05 Effects of a Nutritional Supplement in the Prevention of Choroidal Neovascularization in Mice
Dr. A. García Layana, Pamplona
- 11.05-11.20 New Developments. New Devices. Translation to Rhegmatogenous Retinal Detachment
Dr. M.C. Desco, Valencia
- 11.20-11.35 Melanopsin-Expressing Photosensitive Ganglion Cells and its Functions
Dr. J.M. García Fernández, Oviedo
- 11.35-11.50 Human Vitreous Proteomics
Dr. J. Paulo Castro-Sousa, Leiria (Portugal)

11.50-12.00 GENERAL DISCUSSION

12.05-13.15 FREE PAPERS. SESSION 5

Moderators: E. de la Rosa; J.J. García-Medina; V. Zanón-Moreno

12.05-12.09: 56) Effect of selected polymorphisms on the risk of POAG.

Zanón-Moreno V, Asensio-Márquez EM, Ortega-Azorín C, García-Medina JJ, Pinazo-Durán MD, Corella D. Department of Preventive Medicine & Public Health, School of Medicine, Univ. Valencia (Spain)

12.09-12.13: 57) BDNF delays ocular hypertension-induced RGC death in rat.

Valiente-Soriano FJ¹, Nadal-Nicolás FM², Salinas-Navarro M¹, Bernal-Garro J¹, Agudo-Barriuso M², Vidal-Sanz M¹. 1Universidad de Murcia. 2FFIS/IMIB. (Spain)

12.13-12.17: 58) Bicarbonate regulates secretion and proteolytic processing of the glaucoma-related protein myocilin.

Aroca-Aguilar JD, Martínez-Redondo F, Martín-Gil Alba, Pintor J, Coca-Prados M & Escribano J. School of Medicine. Human Genetics Laboratory. Castilla-La Mancha Univ. Albacete, (Spain)

12.17-12.21: 59) Outer retinal degeneration in a DBA/2J mice, a model of ocular hypertension.

Fernández-Sánchez L¹, Pérez de Sevilla-Müller L², Brecha N², Cuenca N¹. 1University of Alicante,(Spain); 2University of California Los Angeles, CA (USA).

12-21-12.25: 60) Interaction of KCNQ5 and Calmodulin during retinal degeneration.

Caminos E, Vaquero CF. School of Medicine. University of Castilla-La Mancha. Albacete (Spain)

12.25-12.29: 61) Retinal ganglion cell axonal regeneration along peripheral nerve grafts in mice.

Zorrilla-Matilla L¹, Salinas-Navarro M², Galindo-Romero C², Beltrán de Heredia J¹, Agudo-Barriuso M², Vidal Sanz M². 1Universidad de Valladolid (Spain) 2Universidad de Murcia. (Spain)

12.29-12.33: 62) RGC regeneration along peripheral nerve grafts in albino and pigmented rats.

Salinas-Navarro M¹, Nadal-Nicolás FM^{1,2}, Jiménez-López M¹, Villegas-Pérez MP¹ Agudo-Barriuso M², Vidal-Sanz M¹. 1Universidad de Murcia. CMN. 2FFIS/IMIB. (Spain)

12.33-12.37: 63) Mouse retinal ganglion cell loss after optic nerve crush and transection: a comparative study.

Sánchez-Migallón MC¹, Valiente-Soriano FJ¹, Salinas-Navarro M¹, Nadal-Nicolás FM^{1,2}, Vidal-Sanz M¹, Agudo-Barriuso M^{1,2}. 1Universidad de Murcia. CMN. 2 FFIS/IMIB. (Spain)

12.37-12.41: 64) CRB2 and CRB3 expression in the adult mouse RPE.

Escudero-Paniagua A, Herranz-Martín S, Jimeno D, Velasco A, Lara JM, Aijón J, Lillo C. Instituto de Neurociencias de Castilla y León. Salamanca (Spain)

12.41-12.45: 65) Involvement of USH2 genes in Spanish patients with Usher syndrome.

García-García G, Aparisi MJ, Besnard T, Aller E, Roux AF, Millán JM. Instituto Investigación Sanitaria IIS-La Fe, Valencia, (Spain)

12.45-12.49: 66) Analysis of USH1 transcripts from nasal epithelial cells.

Aparisi MJ, García-García G, Aller E, Rodrigo R, Millán JM, Jaijo T. Instituto de Investigación Sanitaria La Fe, Valencia, (Spain)

12.49-12.53: 67) Blue Light-Absorbing Filters Does not Affect Circadian Activity in Control and Blind Mice.

Vicente-Tejedor J¹, Ramírez L¹, González-Menéndez I², Sánchez-Ramos C³, Wissinger B², De La Villa P¹. 1Physiology, Univ. Alcalá. Alcalá de Henares. 2Molecular Genetics Lab, Institute for Ophthal. Research. Univ. Clinics Tuebingen. 3High Efficiency Technol. S.L. UCM, Madrid, (Spain).

13.03-13.15 General Discussion

13.20-13.40 KEYNOTE LECTURE:

Moderators: JC Pastor Jimeno; F. Arévalo; MD Pinazo-Durán

“New developments in the ILM Flap Technique for Macular Hole Surgery”.

Professor Dr. Jerzy Nawrocki

President European Vitreo Retinal Society (Lodz, Poland)

13.40-14.25 Lunch

SALÓN PROF LÓPEZ PIÑERO

14.30-15.00 PLENARY LECTURE

Moderators: M. Díaz-Llopis, MD Pinazo-Durán; M. Vidal-Sanz

“Visual Acuity in Re-Attached Retinal Detachment: An Example of Translational Research”.

Prof. Dr. JC Pastor Jimeno

Instituto de Oftalmobiología Aplicada (IOBA). Valladolid

15.05-16.05 UPDATE ON NEURODEGENERATIVE DISEASES AND GLAUCOMA

Moderators: C. Nucci; J.M. Salgado Borges; M.P. Villegas-Pérez

15.05-15.20 Glaucoma and Cornea. Beyond the corneal thickness
Dr. J. García Feijoo, Madrid

15.20-15.35 Role of Melatonin and Its Derivatives on Intraocular Pressure Regulation: Applications in Glaucoma
Dr. J. Pintor, Madrid

15.35-15.50 Participation of Sorlitin in Retinal Degeneration Induced by Photic Stress
Dr. J.M. Frade, Madrid

15.50-16.00 GENERAL DISCUSSION

SALÓN PROF LÓPEZ PIÑERO

16.05-17.20 UPDATE ON ANTERIOR SEGMENT

Moderators: J. García-Feijoo; M. Calonge; J.M. Benítez del Castillo

16.05-16.20 Searching for Biomarkers in Ocular Surface Inflammatory Diseases
Dr. M. Calonge, Valladolid

16.20-16.35 Biomarkers in Dry Eye
Dr. J.M. Benítez del Castillo, Madrid

16.35-16.50 Using Enriched Plasma (Solid and as an Autolog Fibrine Membrane) as Substitutive for the Amniotic Membrane in Eyeball Perforations and Ulcers
Dr. J. Alió, Alicante

16.50-17.05 GENERAL DISCUSSION

17.10-17.40 **PLENARY LECTURE:**

Moderators: MD Pinazo-Durán; N. Cuenca; M. Vidal-Sanz

”The Origin of Normal and Pathologic Ocular Sensations“

Prof. Dr. C Belmonte Martínez,

Instituto de Neurociencias, Universidad Miguel Hernández, San Juan de Alicante.

17.40-18.00 **Coffee Break**

18.00-19.20 **FREE PAPERS. SESSION 6**

Moderators: J. Alió; D. Salom; M. Agudo Barriuso

18.00-18.04: 68) Displaced retinal ganglion cells in the adult albino and pigmented rats.

Nadal-Nicolás FM^{1,2}, Jiménez-López M², Salinas-Navarro M², Nieto-López L², Vidal-Sanz M², Agudo-Barriuso M¹. 1FFIS/IMIB. 2Universidad de Murcia. CMN. (Spain)

18.04-18.08: 69) Computerized measurement of rat retinal ganglion cell somatic area.

Jiménez-López M¹, Nadal-Nicolás FM^{1,2}, Salinas-Navarro M¹, Valiente-Soriano FJ¹, Agudo-Barriuso M², Vidal-Sanz M¹. 1Universidad de Murcia. 2FFIS/IMIB. (Spain)

18.08-18.12: 70) A New Automatic Method For Counting Microglial Cells In Wholemout Mice Retinas.

Salazar JJ^{1,2}, Gallego BI^{1,2}, Rojas B^{1,3}, Triviño A^{1,3}, Ramírez JM^{1,3}, de Gracia P^{1,3}. 1IIORC(UCM); 2Fac. Óptica-Optometría; 3Fac. Medicina; UCM, 4Inst Óptica "Daza de Valdés" (CSIC) Madrid (Spain)

18.12-18.16: 71) Rat retina organotypic cultures: characterisation of glial cells.

Gallego BI^{1,2}, De Hoz R², Dierstein M³, Ueffing M³, Arango-González B³, Ramírez AI^{1,2}. 1IIORC 2Fac. Óptica-Optomet. UCM, (Spain). 3Inst Ophthal Res, Eberhard Karls-Univ. Tübingen, (Germany)

18.16-18.20: 72) Quantitative changes in retinal astroglia of sp53 mice model.

Ramírez AI¹, Gallego-Pinazo R², Salazar JJ¹, Pinazo-Durán MD³, Díaz-Llopis M², Ramírez JM¹. 1IIORC (UCM), 2Ophthal Res Unit Santiago Grisolia & 3Medicine Fac Valencia Univ. (Spain).

18.20-18.24: 73) Phagocytic microglia in both eyes after unilateral intraorbital optic nerve transection.

Galindo-Romero C¹, Valiente-Soriano FJ¹, Jiménez-López M¹, Villegas-Pérez MP¹, Vidal-Sanz M¹, Agudo-Barriuso M^{1,2}. 1Universidad de Murcia, CMN. 2FFIS/IMIB. (Spain)

18.24-18.28: 74) Non-ocular injuries can activate mouse retinal microglia.

Maneu V¹, Carpena N², Noailles A³, Gómez-Vicente V³, Gil L², Gozalbo D², Cuenca N³. 1Optics, Pharmacol. Anat. 3Phys, Gen and Micr, U. Alicante; 2Micr. Ecol, Univerisdad de Valencia. (Spain)

18.30-18.34: 75) Tauroursodeoxycholic acid prevents microglia activation in the P23H rat retina.

Noailles A¹, Fernández-Sánchez L¹, Pinilla I², Lax P¹, Cuenca N¹. 1University of Alicante, Spain. 2University Hospital Lozano Blesa, Zaragoza, (Spain).

18.34-18.38: 76) Intravitreal therapies in exudative atrophic age-related macular degeneration.

Roig-Revert MJ, Dolz-Marco R, Gallego-Pinazo R, Pinazo-Durán MD, Díaz-Llopis M. Servicio de Oftalmología. Hospital Universitario y Politécnico La Fe. Valencia (Spain).

18.38-18.42: 77) Intravitreal ranibizumab for diabetic macular edema.

Gallego-Pinazo R, Dolz-Marco R, Martínez-Castillo S, Sánchez-Monzó P, Pinazo-Durán MD, Díaz-Llopis M. University and Polytechnic Hospital La Fe, Valencia, (Spain).

18.42-18.46: 78) Carbon Nanomaterials For The Reinforcement Of The Ocular Tissues.

Vega-Estrada A, Alió JL, Fernández-Buenaga R, Abbouda A. Visum Corporacion Oftalmológica. Valencia (Spain)

18.46-18.50: 79) Strategies to optimize the sample preparation for proteomic analysis of vitreous humor in retinal pathologies.

Castro de Sousa JP¹, Rocha AS^{2,3}, Santos FM², Passarinha LA², Tomaz CT^{2,3}. 1 Centro Hospitalar Leiria Pombal & 2 CICS-UBI Centro de Investigação em Ciências da Saúde & 3Dept Química, Univ. da Beira Interior, Covilhã (Portugal)

18.50-18.54: 80) Choroidal Thickness in Highly Myopic Eyes with/without Macular Retinoschisis.

Desco MC, Madrigal Quevedo A, Mataix J, Al Sa'ad* M, Palacios E, Navea A. Fundación Oftalmológica del Mediterraneo, Valencia (Spain)

18.54-18.58: 81) Choroidal thickness in pathologic myopia and diabetic retinopathy.

Silva R, Farinha C, Lains I, Nunes S, Pires I, Figueira J. Ophthalmology Unit, Centro Hospitalar e Universitário Coimbra, Coimbra (Portugal).

18.58-19.02: 82) A new murine retinal cell line for the study of photoreceptor degenerative mechanisms.

Gómez-Vicente V, Maneu V, Flores A, Lax P, Gozalbo D, Gil M.L., Cuenca N. Physiology, Genetics and Microbiology, University of Alicante, Alicante, (Spain).

19.02-19.06: 83) Modulation of retinal EGR1 expression in response to light and axotomy.

Alburquerque-Béjar JJ¹, Jiménez-López M², Nadal-Nicolás FM^{1,2}, Sobrado-Calvo P², Vidal-Sanz M², Agudo-Barriuso M¹. 1FFIS/IMIB. 2Universidad de Murcia. CMN. (Spain)

19.08-19.20 **General Discussion**

SALÓN PROF CHULIÁ CAMPOS

15.35-19.30 CLUB ESPAÑOL DE LA MÁCULA SPANISH MACULA CLUB

Program Directors: J. Donate; R. Gallego-Pinazo

Keynote Speaker: J.F. Arévalo

International Board: L.A. Yannuzzi; R.L. Abbott; J.S. Pulido; C.L. Shields;
K.B. Freund; T. Sato; S. Mrejen

Specialist Panel: R. Abreu; J. Campos; E. Esteban; J.J. García Medina; A. Ferreras; A. Hernández Lara; J. Lavid; M.I. López Gálvez; J. López Garrido; E. Pérez Salvador; E. Rodríguez Neila; J.M. Ruiz Moreno; M.S. Figueroa; E. Villota; M.A. Zapata.

Sponsored by



SALÓN PROF LÓPEZ PIÑERO

19.20-19.40 CLOSING LECTURE

Moderators: MD Pinazo-Durán, N. Cuenca, M Vidal-Sanz

Prof. Dr. J.M^a. Vázquez Rojas

Director General de Investigación y Gestión del Plan Nacional de I+D+i
(Ministerio de Economía y Competitividad)

19.40-20.00 SIRCOVA 2013 RESEARCH AWARDS

Moderators: M Díaz-Llopis, MP Villegas-Pérez, JM Ramírez-Sebastián, JM^a Vázquez Rojas
Presenting: E Bendala Tufanisco (SIRCOVA Secretary)

- * To Present Clinical Research Communications Award: MP Villegas-Pérez
- * To Present Basic Research Communications Award: JM^a Vazquez Rojas
- * To Present Clinical Cases Award: M Díaz-Llopis
- * To Present Doctoral Thesis Award: JM Ramírez-Sebastián

20.05-20.15 CONCLUDING REMARKS & SIRCOVA 2014: SAVE THE DATE. VALENCIA: "November 5-7, 2014"

MD Pinazo-Durán, N Cuenca, C Nucci,
JM Salgado-Borges and M Vidal-Sanz.

SATURDAY June 8th

9.30-10.30 GENERAL ADMINISTRATIVE MEETING SIRCOVA EXECUTIVE BOARD.
HOTEL MEDIUM (*Iltre Col. Meds. Valencia*)

Junta Directiva de la Sociedad de Investigación en Retina y Ciencias de la Visión (SIRCOVA)

10.30-13.30 VALENCIA SIGHTSEEING TOUR HISTORICAL CENTER-DOWNTOWN

VISITA CENTRO HISTÓRICO DE LA CIUDAD DE VALENCIA

Visitaremos los elementos más destacados alrededor de la Plaza de la Reina y Plaza de la Virgen, Catedral y Basílica, Mercado Central, Lonja de la seda y Ayuntamiento.

Opcional: Visita Ciudad de las Artes y de las Ciencias.

14.00 LUNCH.

Playa de Levante. Paseo de Neptuno (Valencia)

GENERAL INFORMATION

Note: FOUNDATIONAL AND NEW MEMBERS: After updating SIRCOVA member fee: REMEMBER TO DO YOUR INSCRIPTION before 15th of May through: inscripciones@gmail.com TO AVOID EXTRA-PAYMENT (see prices)

Nota: Miembros fundadores y Nuevos Miembros: Tras formalizes la cuota: RECUERDEN INSCRIBIRSE antes del 15 de Mayo: inscripciones@gmail.com PARA EVITAR PAGAR LA TASA DE INSCRIPCION (ver tabla)

TABLA DE PRECIOS / PRICE TABLE

Cuota	Hasta 15-03-2013	Hasta 15-05-2013	Sede
Socios	Gratuita	50 € (Miembros no inscritos al congreso hasta esta fecha)	100 € cash (Miembros no inscritos al congreso hasta su comienzo: 06/06/2013)
Nuevos Socios	100 €	120 €	150 € cash
Residentes e Investigadores no Socios	100 €	110 €	130 € cash
No Socios	160 €	200 €	220 € cash
Cursos (hasta 5)	30€ cada uno	30€ cada uno	30€ cada uno

Housing and travelling:

***Valencia Viajes. Congreso SIRCOVA Oficial Travel Agency
Eduardo Alfonso (vlc@vlcviajes.com) Tel. 963 891400***

NH LAS ARTES 4****

Av Instituto Obrero 28: 46013 Valencia. (Frente a Ciudad de las Artes y las Ciencias). Precio Doble: 84.00 € // Precio Doble Uso Individual: 72.00 €

NH LAS ARTES II 3***

Av Instituto Obrero 28: 46013 Valencia. (Frente a Ciudad de las Artes y las Ciencias) Precio Doble: 67.00 € // Precio Doble Uso Individual: 57.00 €

HOTEL MEDIUM 3***

Calle General Urrutia, 48: 46013 Valencia. (Ilmo. Colegio Oficial de Médicos).
Precio Doble: 88.00 € // Precio Doble Uso Individual: 76.00 €

(1) Los precios se mantendrán para reservas hasta el 15 de mayo.

(2) Precios especiales para avión y tren. Consultar Agencia Viajes:

vlc@vlcviajes.com

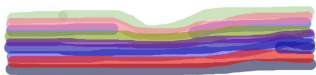
Plenary Lectures, Conferences and Oral Communications:

OFICIAL LANGUAGE: ENGLISH

**ALL SLIDES in ENGLISH: POWER POINT COMPATIBLE
PRESENTATIONS.**

***For Free Oral Communications: Express Presentations of
3 slides/3 minutes (Power Point COMPATIBLE Presentations)***

NOTE: Moderators are encouraged to maintain time schedule.
Speakers should not be allowed to exceed the allocated time.



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SIRCOVA CONGRESS 2013

President of the Organizing Committee

Manuel Vidal-Sanz

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- *Selection of Basic Research Oral Communications (Nicolás Cuenca, M Dolores Pinazo-Durán, Ana I Ramírez-Sebastián, José M Millán).*
- *Selection of Clinical Cases Presentations (Manuel Díaz-Llopis, Roberto Gallego-Pinazo, Ignacio Montero de Espinosa)*

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- *General Editing: (M Dolores Pinazo-Durán, Manuel Vidal Sanz, Nicolás Cuenca, Manuel Díaz Llopis, Óscar Álvarez-Barrachina)*

SIRCOVA 2013 AWARDS

Clinical Research Award

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Basic Research Award

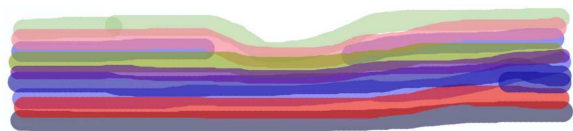
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Clinical Cases Award

PRESIDENT: MANUEL DÍAZ-LLOPIS. **Vowels:** Roberto Gallego-Pinazo (Valencia), Alfredo García-Layana (Pamplona), Ignacio Montero de Espinosa (Sevilla), Jorge Mataix (Valencia), Antonio Hernández-Lara (Elche).

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