

PROGRAMA CIENTÍFICO	
7ª Edición PhDAY- FACULTAD DE ÓPTICA Y OPTOMETRÍA 2023	
9:00-9:15 h. INAGURACIÓN	
Vicedecana de Posgrado e Investigación. Coordinadora de Doctorado en Óptica, Optometría y Visión: Ana Isabel Guzmán Aránguez	<u>Salón de Actos</u>
9:15-11:00 h. COMUNICACIONES ORALES. PRIMERA SESIÓN	
Coordinan: Dra. Ana Manzanares Ituarte Dr. Fco. Javier Navarro Gil Dr. Juan Enrique Cedrún	<u>Salón de Actos</u>
Coordinan: Dr. Héctor Canabal Boutureira Dr. Javier Ruiz Alcocer Dra. Pilar Cañadas Suárez	<u>Hiperaula 137</u>
11:00-11:45 h. PAUSA PARA CAFÉ Y SESIÓN DE POSTERS	
Coordinan: Dra. Ana Manzanares Ituarte Dr. Fco. Javier Navarro Gil Dr. Juan Enrique Cedrún Dr. Héctor Canabal Boutureira Dr. Javier Ruiz Alcocer Dra. Pilar Cañadas Suárez	<u>Hall FOO</u>
11:45-13:15 h. COMUNICACIONES ORALES. SEGUNDA SESIÓN	
Coordinan: Dr. Héctor Canabal Boutureira Dr. Javier Ruiz Alcocer Dra. Pilar Cañadas Suárez	<u>Salón de Actos</u>
Coordinan: Dra. Ana Manzanares Ituarte Dr. Fco. Javier Navarro Gil Dr. Juan Enrique Cedrún	<u>Hiperaula 137</u>
13:15-14:00 h. CONFERENCIA INVITADA	
Dra. Laura de Diego García	<u>Salón de Actos</u>
14:00 h. Entrega de Premios y Clausura	

DESGLOSE DEL PROGRAMA

9:00-9:15 h. Inauguración PhDAY 2023

SALÓN DE ACTOS

Vicedecana de Posgrado e Investigación. Coordinadora de Doctorado en Óptica, Optometría y Visión:
Ana Isabel Guzmán Aránguez

9:15-11:00 h. Comunicaciones orales. Primera sesión

SALÓN DE ACTOS

Coordinan: Dra. Ana Manzanares Ituarte, Dr. Fco. Javier Navarro Gil, Dr. Juan Enrique Cedrún.

- Device for recording light exposure in humans. **Iván Kopaitic Otero.**
- Analysis of the effects of different intraocular lenses on visual quality under different illumination conditions. **Inas Baoud Ould Haddi.**
- Color Encryption Desktop Serverless Application: Uses Cases. **Sara Ignacio Cerrato.**
- Myopia prevalence in Children in Spain in 2020. **Ana Isabel González Abad.**
- pH measurements with Fiber Optic Gratings for *in-situ* planetary exploration. **Patricia Mesonero Santos.**
- Characterization of the meibomian glands in patients with allergic conjunctivitis and its relationship with histaminase. **Jimmy Fernando Reyes Domínguez (online)*.**
- Effect of the elasticity module of soft contact lenses on the morphology and function of the meibomian glands. **Jorge Giovanni Vargas Velasco (online)*.**

*Ponencias online Sala de Actos: <https://meet.google.com/bcg-smef-soz?authuser=0>

HIPERAULA 137

Coordinan: Dr. Héctor Canabal Boutureira, Dr. Javier Ruiz Alcocer, Dra. Pilar Cañadas Suárez

- Therapeutic potential of topical administration of siRNAs against HIF-1 α for corneal neovascularization. **Carmen O. Domínguez-Godínez.**
- Design and Characterization of a Diffraction Grating in the Terahertz Frequency Range. **Gonzalo García Lozano.**
- The temporal course of contrast sensitivity recovery following a bleach measured under photopic and mesopic luminance conditions in healthy adults. **Melisa Remis González.**
- Form-deprivation myopia induction to assess purinergic signaling on rabbit posterior pole. **Gonzalo Valdes-Soria.**
- Study of two different devices used to measure the contact lens central thickness. **Alicia López-Raso.**
- Effect of the use of artificial tears on the tear film and the conjunctive for different fixation requirements, in healthy young adults - Results of the investigation. **Jairo Giovanni Rojas Yepes (online)*.**
- Rasch Analysis in Patient-reported Outcomes Instruments Construction. **Elsa Alberro Ros (online)**

*Ponencias online Hiperaula 137: <https://meet.google.com/igb-bhyw-bot>

11:00-11:45 h. Pausa para café y Sesión de Posters

Hall FOO

Coordinan: Dra. Ana Manzanares Ituarte, Dr. Fco. Javier Navarro Gil, Dr. Juan Enrique Cedrún, Dr. Héctor Canabal Boutureira, Dr. Javier Ruiz Alcocer y Dra. Pilar Cañadas Suárez.

- Evaluation of the light-adapted response of the full-field electroretinogram in high myopia. **David Blanco Darriba.**
- Central Nervous System Regeneration: Towards axonal guidance using biofunctionalized silk fibroin fibers as scaffold. **Cristina Castro Domínguez.**
- Effect of violet radiation on the visual system: animal experimentation. **M^a Teresa Domínguez Valdés.**
- Correlation between lens vault and lens rise among myopic and hyperopic population. **Jorge Donís de la Torre.**
- Contrast study of the Meibomian glands. **Elena Fernández Jiménez.**
- Adverse Effects of Tamoxifen on the Anterior Ocular Pole. **Merire Dayan Flores Cervantes.**

- Eye movements in visual search tasks in people with central vision loss. **Leonela González Vides.**
- Characterization of Spectral Response Function Using the Slanted-Edge Method. **Óscar Gutiérrez de la Cámara Ara.**
- Validity of tests used for the diagnosis of Accommodative Excess. **Esther Mármol Errasti.**
- RapiDA V1: Repeatability. **Belén Martínez Álvarez.**
- Framework for evaluation of procedures for hdr luminance imaging measurements. **Ángela María Sáez Gutiérrez.**
- Influence of eye movements on academic performance: A bibliometric and citation network analysis. **Adrián Salgado Fernández.**
- Cone mediated dark adaptation: Developing a new test. **Beatriz Sánchez Gavilán.**
- BTDF measurement of “thick” samples. **Pablo Santafé Gabarda.**
- Involvement of the purinergic system in corneal healing and corneal permeability in a porcine *ex vivo* model. **Laura Ximena Sierra Buitrago.**
- Effect of Age on Ocular Biometry in an African Population. **Mame Diatou Toure Sarr.**

11:45-13:15 h. Comunicaciones orales. Segunda sesión

SALÓN DE ACTOS

Coordinan: Dr. Héctor Canabal Boutureira, Dr. Javier Ruiz Alcocer, Dra. Pilar Cañadas Suárez.

- Impact of several hydrophobic monomers on the properties of hydrogels contact lenses. **Clara Lim.**
- Sports visual analysis in UEFA referees. **Carlos Ramos Athane.**
- The relationship between diameter and vascular tortuosity in healthy retinas, diabetic retinopathy and glaucoma. **Asmae Igalla El Yousfi.**
- Optical and aberrometric evaluation of a new enhanced monofocal intraocular lens with isofocal optic design. **Lidia María Pérez Sanz.**
- Development of e-Health technologies for Big Data Analysis: application to blink dynamics. **Youssef Marrakchi Chikri.**
- Halo quantification in different soft contact lenses for myopia control- **Julia Bodas Romero (online).**
- Advances in Blink Dynamics: Age-Related Changes. **Darshan Ramasubramanian (online).**

*Ponencias online Salón de Actos: <https://meet.google.com/bcg-smef-soz?authuser=0>

HIPERAULA 137

Coordinan: Dra. Ana Manzanares Ituarte, Dr. Fco. Javier Navarro Gil, Dr. Juan Enrique Cedrún.

- Light diffusion models in aerosols. **Jaime Quintana Benito.**
- Functional and Structural Retinal Changes in Swiss Mice. **Jose Antonio Matamoros.**
- Evaluation of retinal vasculature by OCT Angiography in type II diabetes. **Nadia Mínguez Caro.**
- Design of Optical Instrumentation for Space Applications. **Carmen Vázquez Pérez.**
- Two-year myopia management efficacy of extended depth of focus soft contact lenses (MYLO) in Caucasian children. **Sergio Díaz Gómez.**
- Molecular and clinical characterization of ocular Surface from patients of glaucoma. **Sandra Carolina Durán Cristiano.**
- Temperature and strain measurement in opto-mechanical structures. **Ana Fernández-Medina Maeso.**

13:15-14:00 h. Conferencia invitada

SALÓN DE ACTOS

“Descifrando la neuroinflamación y la neurodegeneración: Mecanismos moleculares”.

Dra. Laura de Diego García.

14:00 h. Entrega de Premios y Clausura

SALÓN DE ACTOS