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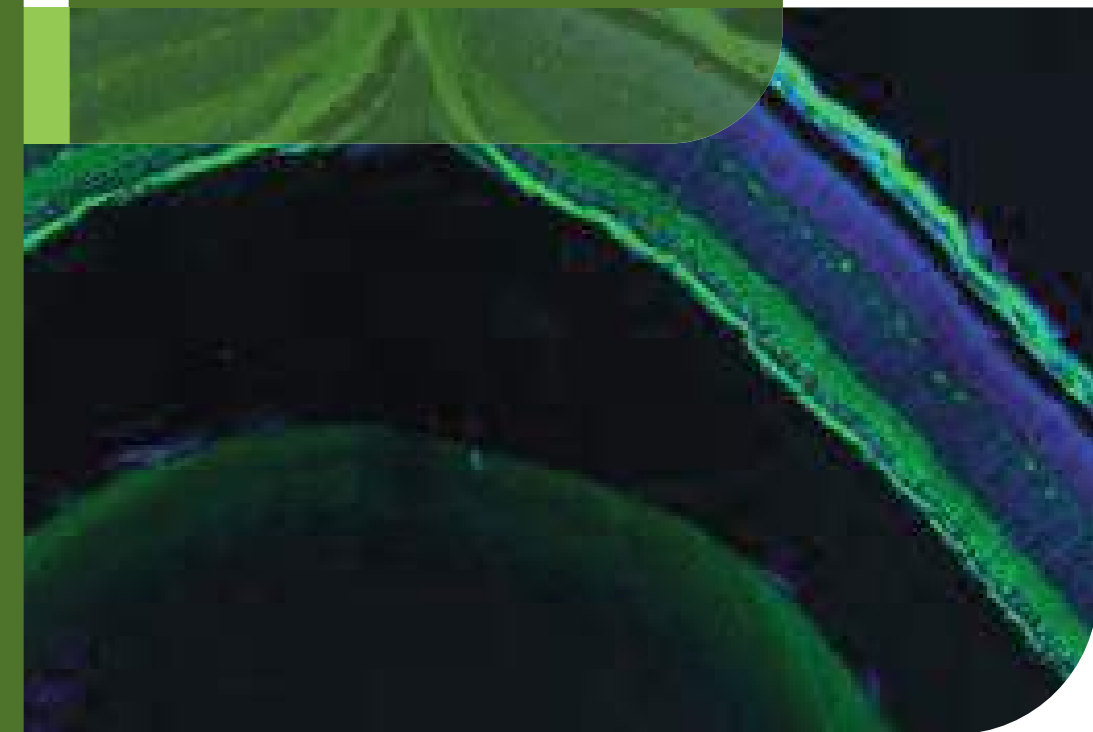
Universidad  
Católica de  
Valencia  
San Vicente Mártir

### Dates

From **28<sup>th</sup>** Oct.  
2020  
to **30<sup>th</sup>** Oct.  
2020

Quodem's platform

# Symposium on retinal degeneration



UCV



Facultad de  
Medicina y Ciencias  
de la Salud

## Wednesday, October 28<sup>th</sup>

4:00 pm. Welcome

- **Javier Sancho-Pelluz, PhD.**

4:05 pm. Opening lecture

"Human iPSC-derived 3D retinal tissue for stem cell-based therapies for retinal degenerative diseases"

- **Valeria Canto-Soler, PhD.** University of Colorado.

5:00 pm. Session I: New insights in biology of the retina (i)

Moderator: **Jorge Barcia.**

"Linking neuroinflammation to retinal regeneration"

- **Muriel Perron.** French National Centre for Scientific Research.

"Impaired ion homeostasis affects Müller cell function and retinal integrity"

- **Kirsten Wunderlich.** Ludwig-Maximilians-University of Munich.

6:00 pm. Coffee break

6:15 pm. Session I: New insights in biology of the retina (ii)

"Extraretinal neurodegeneration in a murine model of glaucoma"

- **Michal Fiedorowicz.** Mossakowski Medical Research Centre Polish Academy of Sciences.

"Selective activation of retinal pathways"

- **Zohreh Hosseinzadeh.** Leipzig University.

"Extracellular vesicles released from the retina"

- **Javier Sancho-Pelluz.** Universidad Católica de Valencia.



## Thursday, October 29<sup>th</sup>

3:00 pm. Poster session I

4:00 pm. Session II: Novel strategies to fight blindness (i)

Moderator: **Zohreh Hosseinzadeh.**

"Recent advances on neuroprotective effect of PARP inhibition in retinal degeneration"

- **Ayse Sahaboglu.** University of Tübingen.

"TNF alpha/TNFR1 signalling as therapeutic target for inherited retinal dystrophies"

- **Regina Rodrigo.** Centro de Investigación Príncipe Felipe.

"Targeting Proteostasis in Photoreceptors"

- **Blanca Arango-González.** University of Tübingen.

"Developing artificial photoreceptors"

- **Maria Thereza Perez.** Lund University.

6:00 pm. Coffee break

6:15 pm. Session III: Novel strategies to fight blindness (ii)

Moderator: **Ayse Sahaboglu.**

"Epigenetic as a tool for photoreceptor neuroprotection"

- **Dragana Trifunovic.** University of Tübingen.

"The cell strategy for hereditary retinal dystrophies: MERTK associated Retinitis pigmentosa"

- **Slaven Erceg.** Centro de Investigación Príncipe Felipe.

"Reduction of the progression of retinitis pigmentosa in an animal model, through an anti-inflammatory and anti-oxidant treatment"

- **J.Vicente Hernández-Rabaza.** Universidad Cardenal Herrera-CEU.

"Retinal remodeling after rescue in a mouse model of retinitis pigmentosa"

- **Sussane Kosch.** Ludwig-Maximilians-University of Munich.

## Friday, October 30<sup>th</sup>

3:00 pm. Poster session II

4:00 pm. Session IV: Bench to bedside: clinical research and industry

Moderator: **Javier Sancho-Pelluz.**

"In vitro models for retinal toxicity assessment."

- **Steffann Kustermann.** Roche.

"New therapeutic agents for retinitis pigmentosa based on SIRT1 activation and PARP-1 inhibition"

- **Francisco Díaz-Corrales.** Limnopharma.

"Unmet clinical needs through the neurodegenerative journey in AMD"

- **Roberto Gallego-Pinazo.** Oftalvist.

"Retinal degeneration in Parkinson's disease"

- **Nicolás Cuenca.** Universidad de Alicante.

"Clinically visible progression indicators in age-related macular degeneration are transdifferentiated retinal pigment epithelium"

- **Christine A. Curcio.** University of Alabama at Birmingham.

6:30 pm. Closing lecture

"Precision Genome Surgery for Imprecision Medicine"

- **Stephen H. Tsang, MD, PhD.** Columbia University.

## Registration



<https://www.ucv.es/oferta-academica/congresos-y-jornadas/congresos-y-jornadas-2020/i-symposium-on-retinal-degeneration>

## Price

Free of charge

