



Forscherguppe 1075

Vortragsankündigung

Retinal-support functions of retinal pigment epithelium and age related macular degeneration

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im Klinikum der Universität Regensburg, Seminarraum A2



Enrique Rodriguez-Boulan received his MD from the University of Buenos Aires. After three years training in biophysics of ion transport with Marcelino Cerejido, he moved to New York University with an International Fogarty Award to train as a Cell Biologist with David Sabatini. At NYU, he developed with Cerejido and Sabatini the MDCK model which became the most popular system to study epithelial polarity. He is internationally known for his studies on mechanisms involved in the establishment and maintenance of epithelial polarity. His retinal research deals with the establishment of polarized structure and function in Retinal Pigment Epithelium (RPE) and with Age Related Macular Degeneration, a retinal disease caused by disruption of RPE's support function for photoreceptors. He has published over 180 papers and received several awards, including the Established Investigator Award from the American Heart Association (1985-90) and the Jules and Doris Stein Professorship from the Research to Prevent Blindness Foundation (1996-2003). His laboratory has been funded by NIH grants for over 25 years. He is currently the Dyson Professor of Cell Biology in Ophthalmology.