



## Forscherguppe 1075

### Vortragsankündigung

#### Role of bioactive lipids in human conventional outflow function

**W. Daniel Stamer, PhD**

University of Arizona, Tucson (Arizona)

Am Freitag, 25.06.2010 um 18.00 Uhr  
in der Universität im Vorklinikum, Anatomische Sammlung



Daniel Stamer is Associate Head for Vision Research and Professor at the University of Arizona, Department of Ophthalmology and Vision Science in Tucson. He earned his Bachelor's of Science in Molecular and Cellular Biology and his doctorate in Pharmacology & Toxicology from the University of Arizona. His postdoctoral training includes two years at Duke University in David Epstein's laboratory. Daniel Stamer pioneered the cell culture of Schlemm's Canal (SC) cell by developing a method to separate the cells from trabecular meshwork (TM) cells. Another major achievement of Daniel Stamer's work was the development of a method for viral-mediated gene transfer to SC cells in situ, using retroperfusion of anterior eye segments in organ culture. By using these and other tools, Dr. Stamer's laboratory discovered fundamental aspects of the biology of aquaporins, myocilin, prostaglandins, and other molecules that play an important role for TM outflow resistance.