



Forscherguppe 1075

Vortragsankündigung

Müller Cells - How 'Homeostates' Contribute to Information Processing in the Vertebrate Retina

Prof. Dr. Andreas Reichenbach

Universität Leipzig

Am Donnerstag, 18. März 2010 um 18.00 Uhr
im Klinikum der Universität, Seminarraum A2



Prof. Dr. Andreas Reichenbach is head of the Department for Pathophysiology of Neuroglia at the Paul Flechsig Institute in Leipzig. His main research interest is the radial glia in the retina, the Müller cell. There is no doubt that Prof. Reichenbach is one of the most important scientists devoted to the research of Müller cell function in various species. His laboratory has discovered some of the most peculiar features of Müller cells such as their ability to function as living optical fibers and/or as elastic elements to mechanically protect neurons from damage. In addition he has studied the active role of Müller cells in retinal degenerations such as the formation of macular edema in diabetic retinopathy or the formation of a fibrotic scar in proliferative vitreoretinopathy. His work has been published in the most important journals of the field and evoked a broad popular interest.