



## Forscherguppe 1075

### Vortragsankündigung

### Müller glia cells in health and disease

#### Dr. Antje Wurm

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Am Donnerstag, 07. Juli 2011 um 18.00 Uhr  
im Klinikum der Universität, Seminarraum A2



Dr. Antje Wurm is group leader in the section Pathophysiology of Neuroglia at the Paul-Flechsig Institute in Leipzig. She studied Molecular Medicine at the University of Erlangen-Nürnberg and performed her diploma thesis in the laboratory of Ernst Tamm. After her move to Leipzig she joined Andreas Reichenbach's group at the Paul Flechsig Institute and graduated there about the topic "Volume Regulation of Müller Cells in the Postnatal and Pathologically Altered Retina". Her main research interest is the function of Müller glia cells in health and disease. In her work she showed how regulation of Müller cell function contributes to volume regulation in the retina through volume transport by Müller cells. She clarified the underlying activation of  $K^+$  channels and could show how these mechanisms change in diseases such as diabetic retinopathy or ischemic insult. She is member of the DFG Research Group FOR748 "Neuronal and Glial P2 Receptors – Molecular Basis and Functional Significance".