



Forscherguppe 1075

Vortragsankündigung

Microglia – mediators between the immune and nervous system

Prof. Dr. Helmut Kettenmann

Max-Delbrück-Centrum für Molekulare Medizin MDC, Berlin

Am 26. Mai 2011 um 18.00 Uhr

im Klinikum der Universität, Seminarraum A2



Prof. Dr. Helmut Kettenmann is Head of the Research Team *Cellular Neurosciences* at the Max-Delbrück Center for Molecular Medicine in Berlin-Buch. His main research interests are the interactions between glia cells and neurons in the CNS. He is among the pioneers who developed the concept that glia cells actively contribute to information processing between neurons. He was the first one who detected voltage-dependent ion channels and receptors for neurotransmitters on glia cells of various types and unveiled mechanisms by which glia cells interact in the processing of information between neurons. His latest work concentrates on the role of microglia in neuronal degeneration and tumor formation. His work has been published in highly ranked journals such as *Nature Neuroscience* or *Science*. He received prestigious research awards such as the Heinz-Maier-Leibniz Preis of the DFG, served as president of the Federation of European Neuroscience Societies, and is member of the German Academy of Natural Scientists LEOPOLDINA. He is Editor-in-Chief of the journal *Glia*.