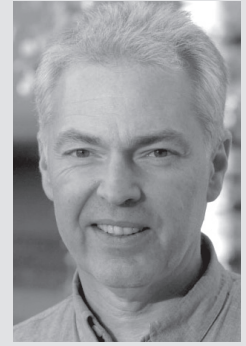


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Curriculum vitae

since 1996 Professor (W3), Cellular Neurobiology, Humboldt-Universität zu Berlin
since 1993 Research group leader, Cellular Neurosciences, Max Delbrück Center for Molecular Medicine Berlin-Buch
1992 – 1995 Head of project group, Neurobiology, Dept. of Neurobiology, University of Heidelberg
1987 – 1992 Heisenberg fellow, Department of Neurobiology, University of Heidelberg
1982 – 1987 Habilitation, University of Heidelberg
1980 – 1982 PhD, Biology, University of Heidelberg
1973 – 1980 MS, Biology, Universities of Heidelberg and Miami

Research fields

The present research program focuses on three topics:

- the role of astrocytes in information processing
- response of microglial cells to brain injury
- glioma-brain cell interactions

Activities in the scientific community, honors, awards

2008 – 2010 President, Federation of European Neuroscience Societies (FENS)
since 2007 Member, Society for Neuroscience Committee on Committees
since 2007 Member, Academia Europaea
since 2006 Speaker, Research Training School, “The impact of Inflammation on Nervous System Function”
2005 – 2006 Board member, FENS Trust Foundation
since 2004 Member, Search Committee for Life Sciences, Koerber European Science Award
since 2003 Member, German Academy of Natural Scientists (Leopoldina)
2002 Head, Admissions and Examination Commission, International Graduate Program, Medical Neurosciences, Charité
since 2000 Member, DANA Alliance
1998 – 2007 Vice-Chair, Collaborative Research Center (SFB) 507 “The function of non-neuronal cells in neurological diseases”
1998 – 2002 Treasurer, Federation of European Neuroscience Societies
1997 – 2003 Coordinator, Priority Program, “The role of microglial cells in pathology”, DFG
since 1995 Editor-in-Chief, Neuroforum
1993 – 2006 Secretary General, German Neuroscience Society
1990 – 1997 Coordinator, Priority Program “Functions of glial cells”, DFG
1991 German University Software-prize
since 1988 Editor-in-Chief, GLIA
1984 Heinz Maier-Leibnitz Prize for biological research, BMBF

Selected publications

Benedetti, B, Matyash, V and Kettenmann, H. Astrocytes control GABAergic inhibition of neurons in the mouse barrel cortex. *J Physiol.* 2011; 589, 1159-72.

Reyes-Haro, D, Muller, J, Boresch, M, Pivneva, T, Benedetti, B, Scheller, A, Nolte, C and Kettenmann, H. Neuron-astrocyte interactions in the medial nucleus of the trapezoid body. *J Gen Physiol.* 2010; 135, 583-94.

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Markovic, DS, Vinnakota, K, Chirasani, S, Synowitz, M, Raguet, H, Stock, K, Sliwa, M, Lehmann, S, Kalin, R, van Rooijen, N, Holmbeck, K, Heppner, FL, Kiwit, J, Matyash, V, Lehnardt, S, Kaminska, B, Glass, R and Kettenmann, H. Gliomas induce and exploit microglial MT1-MMP expression for tumor expansion. *Proc Natl Acad Sci U S A.* 2009; 106, 12530-5.

Cheung, G, Kann, O, Kohsaka, S, Faerber, K and Kettenmann, H. GABAergic activities enhance macrophage inflammatory protein-1alpha release from microglia (brain macrophages) in postnatal mouse brain. *J Physiol.* 2009; 587, 753-68.

Wang, LP, Cheung, G, Kronenberg, G, Gertz, K, Ji, S, Kempermann, G, Endres, M and Kettenmann, H. Mild brain ischemia induces unique physiological properties in striatal astrocytes. *Glia.* 2008; 56, 925-34.

Farber, K, Markworth, S, Pannasch, U, Nolte, C, Prinz, V, Kronenberg, G, Gertz, K, Endres, M, Bechmann, I, Enjyoji, K, Robson, SC and Kettenmann, H. The ectonucleotidase cd39/ENTPDase1 modulates purinergic-mediated microglial migration. *Glia.* 2008; 56, 331-41.

Hanisch, UK and Kettenmann, H. Microglia: active sensor and versatile effector cells in the normal and pathologic brain. *Nat Neurosci.* 2007; 10, 1387-94.