Bert Sakmann

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EDUCATION

1964	Physikum (Medicine), University of Tübingen,
1967	Staatsexamen (Medicine), University of Munich,
1967-70	Internship (Medicine) University Hospital, Munich (Surgery, Internal Medicine and Gynaecology)
1974	Doctor of Medicine, Medical Faculty, University of Göttingen

POSITIONS HELD

1969-1970	Research Assistant, Max-Planck-Institut (MPI) für Psychiatrie, Munich, Dept. of Neurophysiology (Prof. O.D. Creutzfeldt)
1971-1973 B.	British Council Fellow, Dept. of Biophysics, University College London (Prof. Katz)
1974-1979 Neuro	Research Assistant, MPI für biophysikalische Chemie,Göttingen, Dept. of biology (Prof. O.D. Creutzfeldt)
1979-1982 Group	Research Associate, MPI für biophysikalische Chemie, Membrane Biology
1981	Privatdozent, Medical Faculty, University of Göttingen Subject: Physiology and Neuropharmacology
1983	Member of the Max Planck Gesellschaft, Head of Membrane Physiology Unit
1985 gen	Director, Dept. of Cell Physiology, MPI für biophysikalische Chemie, Göttin-
1987	Professor, Medical Faculty, University of Göttingen
1989 berg	Director, Dept. of Cell Physiology, MPI für medizinische Forschung, Heidel-
1990	Professor, Medical Faculty, University of Heidelberg
1991	Professor, Biological Faculty, University of Heidelberg

SELECTED RECENT PUBLICATIONS

Margrie, T., Brecht, M. and Sakmann, B. (2002) In vivo, low-resistance, whole-cell recordings from neurons in the anaesthesized and awake mammalian brain. Pfluegers Arch. - Eur. J. Physiol. 444, 491-498

Meinreinken, C.J., Borst, J.G.G. and Sakmann, B. (2003) The Hodgkin-Huxley-Katz Prize Lecture. Local routes revisited: the space and time dependence of the Ca signal for phasic transmitter release at the rat calyx of Held. J. Physiol. 547, 665-689

Brecht, M., Roth, A and Sakmann (2003) Dynamic receptive fields of reconstructed pyramidal cells in layers 3 and 2 of rat somaosensory barrel cortex. J. Physiol. 553, 243-265

Silver, R.A., Lübke, J., Sakmann, B. and Feldmeyer, D. (2003) High-probability uniquantal transmision at excitatory synapses in barrel cortex. Science 302, 1981-1984

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