

膜片钳技术 (patch clamp)



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www.biotechproducts.com

[Patch Clamp Resources](#) Discover an introduction to the patch clamp method of single channel recording. Features solutions, software and links. electrophys2.ucsf.edu

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www.cellsalive.com

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HEKA Elektronik Electrophysiology & Electrochemistry; data acquisition, patch clamp amplifier, potentiostat, galvanostat, manufacturer of the EPC 9, EPC 8, and EPC 7

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[Die Patch-Clamp Technik](#) Die Patch-Clamp Technik Einleitung Auswertung Mebjekte Einleitung Biologische Membranen, z.B. das Plasmalemma (Zellaunmembran) oder der Tonoplast (Vakuole, von Membran umgeben), enthalten neben Lipiden und anderen Proteinen auch spezielle.

www.ang-physik.uni-kiel.de

[Tips for beginners of patch clamp](#)); //--> TIPS FOR PATCH CLAMP Entering the bath Forming a gigaseal Preparation 1. Entering the bath a. Strongly recommend to suck off some bath solution (to get rid of dust and contaminant) b. Apply a small positive pressure.(10cmH₂O)http://members.xoom.com

[Deutsches Museum Bonn: Exponate: patch-clamp-apparatus](#)

Home Exponate Elementares Erwin Neher and Bert Sakmann Max-Planck-Institute for biophysical Chemistry (Karl Friedrich Bonhoeffer Institute), Gtingen In all tissues and organs, cells must exchange signals. <http://www.deutsches-museum-bonn.de>

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The Cairn Optopatch patch clamp. Includes NEW Optical feedback headstage, Membrane capacitance measurement and True current clamp / fast microelectrode amplifier. <http://www.cairnweb.com>

[LCMS Patch-Clamp Movie](#)Electrophysiology: Patch-Clamp Movie by Dr. Andrea Fleig. <http://lcms.biomed.hawaii.edu>

[The Scientist - Patch Clamp Companies](#)Jan. 21, 1991 - <http://www.the-scientist.com>

[Chapter 9: Analysis of Patch Clamp Records](#)Chapter 9: Analysis of patch clamp records 9.1 Direction of Current Flow Current is defined as the flow of positive charges down a voltage gradient (electrons move in the opposite direction). The direction of currents flowing through ion channe. <http://web.ukonline.co.uk>

[Patch Clamp Technique](#)Patch Clamp Technique Investigators have used the patch clamp technique for many years to understand the flow of ions across a membrane. The flow of ions is truly an incredible physiologic phenomenon. Many biological processes occur. <http://www2.uic.edu>

neurowww.cwru.edu

Neurobiology LaboratoryBIOL/NEUR 376/476Hillel Chiel and Roy RitzmannIntroduction to the basic laboratory techniques of neurobiology. Students will be exposed to intracellular and extracellular recording techniques, forms of synap neurowww.cwru.edu

physiology.cup.cam.ac.uk

Journal of Physiology (1997), 504.P, 59P A simple device for dislodging air bubbles from back-filled patch pipettes H.R. Matthews Physiological Laboratory, University of Cambridge, Downing Street, Cambridge CB2 3EG The glass pipettes used for patch-

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[Pulse Control Software](#)

Pulse Control Igor XOPs for Patch Clamp Data Acquisition and Capacitance Measurements Current Version: 4.6 Release Date: 26 Oct, 1995 Current beta Version: 4.7b6 Release Date: 7 May, 1996 Current alpha Version: 5.0a1 Release Date: 24 Sep, 199

chroma.med.miami.edu

[MEDLINE Database, 1987 to date Document Reader](#)

Detection of gene expression in single neurons by patch-clamp and single-cell reverse transcriptase polymerase chain reaction. Chiang LW Department of Neurobiology, Stanford University Medical Center, CA 94305-5401, USA. chiang@mpi.com J Chromato

www3.ncbi.nlm.nih.gov

[Welcome to the LSU Neuroscience - Center of Excellence](#)

Leo T. Happel, Ph.D. Associate Professor of Neurosurgery Neurology. Sodium channels in human neuromas. Associate Professor of Physiology, Neurology, and

Neurosurgery, LSU Health Sciences Center. Ph.D., LSU Medical Center, 1970.

Membrane electrophys

www.neuroscience.lsuhscc.edu

[LabPatch](#)

LabPatch, an acquisition and analysis program for patch-clamp electrophysiology by Tim Robinson, Lars Thomsen, and Jan D. Huizinga This software is described in detail in: American Journal of Physiology - Cell 2000 47: C1055. Published May 2000

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duke.usask.ca

[The Physiological Society Spring 2000 Magazine](#)

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YALE News Release CONTACT: Jacqueline Weaver 203-432-8555 #115 For
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In patch-clamp technique a giga-ohm seal is created with a pipet, this allows for very
sensitive measurements to be taken. A mild suction is then applied and different ways
of pulling the membrane can yield different

www.wam.umd.edu

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MSN Search est un moteur de recherche Internet.

search.fr.msn.ca

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search.latam.msn.com

[Univ. Maryland, Dept. Anatomy and Neurobiology, Medicine, Trese Leinders-Zufall](#)

Faculty page of Trese Leinders-Zufall, Assistant Professor in Anatomy and

Neurobiology.

neurobiology.umaryland.edu

www.wfubmc.edu

Jian Mu, M.D. Research Assistant Professor, Physiology/Pharmacology Nanjing Medical University, M.D. (1959) In Vitro Electrophysiology of Drug Abuse In vitro recording of cultured neurons, particularly the whole-cell patch-clamp technique, allows ex

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Email-Anfrage Autorin Birgit Liss Titel Differentielle Expression von Kaliumkan 鋈 en in Substantia nigra Neuronen der Maus (Mus musculus L.) - Eine kombinierte Patch-Clamp- und Einzelzell-PCR-Studie an Hirnschnitten Katalog-Nr. 75 Fachgebiet Biolog

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Whole-cell patch-clamp recording reveals subthreshold sound-evoked postsynaptic currents in the inferior colliculus of awake bats. Covey E, Kauer JA, Casseday JH
Department

www.cns.nyu.edu

[NSERC Concourse - Carrefour du CRSNG](#)

Title: Ph.D. student or postdoctoral fellow: patch clamp electrophysiology Location: St. Joseph's Hospital (McMaster University), Hamilton, Ontario, Canada Description: Patch-clamp electrophysiological studies of freshly dissociated smooth muscle

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[SynoSoft Program Development's Homepage](#)

SynoSoft Program Development Programs for science, research and teachingDr.
Andreas W. Henkel Email: andreas.henkel@psych.imed.uni.-erlangen.de Main
subject: SynoSoft provides programs for patch clamp capacitance recording an

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