

References for Product 21485

1. Samhan-Arias AK, Garcia-Bereguiaain MA, Martin-Romero FJ, Gutierrez-Merino C. (2006) Regionalization of plasma membrane-bound flavoproteins of cerebellar granule neurons in culture by fluorescence energy transfer imaging. *J Fluoresc*, 16, 393.
2. Bandyopadhyay S, Sutor B, Hablitz JJ. (2006) Endogenous acetylcholine enhances synchronized interneuron activity in rat neocortex. *J Neurophysiol*, 95, 1908.
3. DeFazio RA, Hablitz JJ. (2005) Horizontal spread of activity in neocortical inhibitory networks. *Brain Res Dev Brain Res*, 157, 83.
4. Dyba M, Hell SW. (2003) Photostability of a fluorescent marker under pulsed excited-state depletion through stimulated emission. *Appl Opt*, 42, 5123.
5. Miyakawa N, Yazawa I, Sasaki S, Momose-Sato Y, Sato K. (2003) Optical analysis of acute spontaneous epileptiform discharges in the *in vivo* rat cerebral cortex. *Neuroimage*, 18, 622.
6. Hill ES, Okada K, Kanzaki R. (2003) Visualization of modulatory effects of serotonin in the silkworm antennal lobe. *J Exp Biol*, 206, 345.
7. Devor A, Yarom Y. (2002) Generation and propagation of subthreshold waves in a network of inferior olivary neurons. *J Neurophysiol*, 87, 3059.
8. Leznik E, Makarenko V, Llinas R. (2002) Electrotonically mediated oscillatory patterns in neuronal ensembles: an *in vitro* voltage-dependent dye-imaging study in the inferior olive. *J Neurosci*, 22, 2804.
9. Demir R, Gao BX, Jackson MB, Ziskind-Conhaim L. (2002) Interactions between multiple rhythm generators produce complex patterns of oscillation in the developing rat spinal cord. *J Neurophysiol*, 87, 1094.
10. Laaris N, Keller A. (2002) Functional independence of layer IV barrels. *J Neurophysiol*, 87, 1028.
11. Seo K, Fujiwara N, Takeuchi K, Maeda T, Someya G. (2001) Optical imaging of excitation propagation evoked by stimulation to the trigeminal caudalis. *Neuroreport*, 12, 3985.
12. John TA, Vogel SM, Minshall RD, Ridge K, Tiruppathi C, Malik AB. (2001) Evidence for the role of alveolar epithelial gp60 in active transalveolar albumin transport in the rat lung. *J Physiol*, 533, 547.
13. Belluscio L, Katz LC. (2001) Symmetry, stereotypy, and topography of odorant representations in mouse olfactory bulbs. *J Neurosci*, 21, 2113.
14. Krolenko SA, Adamian S. (2000) [Stereologic analysis of vacuolization of the T-system of frog muscle fibers, detected using confocal fluorescence microscopy]. *Tsitolgiia*, 42, 1125.
15. Krolenko SA, Lucy JA. (2001) Reversible vacuolation of T-tubules in skeletal muscle: mechanisms and implications for cell biology. *Int Rev Cytol*, 202, 243.
16. Taga K, Fujiwara N, Shimoji K. (2000) Ischemic tolerance preserves propagation of membrane depolarization. *Neuroreport*, 11, 2961.
17. Demir R, Haberly LB, Jackson MB. (2000) Imaging epileptiform discharges in slices of piriform cortex with voltage-sensitive fluorescent dyes. *Ann N Y Acad Sci*, 911, 404.
18. Klar TA, Jakobs S, Dyba M, Egner A, Hell SW. (2000) Fluorescence microscopy with diffraction resolution barrier broken by stimulated emission. *Proc Natl Acad Sci U S A*, 97, 8206.
19. Lam YW, Cohen LB, Wachowiak M, Zochowski MR. (2000) Odors elicit three different oscillations in the turtle olfactory bulb. *J Neurosci*, 20, 749.
20. Cohen D, Yarom Y. (1999) Optical measurements of synchronized activity in isolated mammalian cerebellum. *Neuroscience*, 94, 859.
21. Shah M, Persaud KC, Polak EH, Stussi E. (1999) Selective and reversible blockage of a fatty acid odour response in the olfactory bulb of the frog (*Rana temporaria*). *Cell Mol Biol* (Noisy-le-grand), 45, 339.

22. Sinha SR, Saggau P. (1999) Simultaneous optical recording of membrane potential and intracellular calcium from brain slices. *Methods*, 18, 204.
23. Demir R, Haberly LB, Jackson MB. (1998) Voltage imaging of epileptiform activity in slices from rat piriform cortex: onset and propagation. *J Neurophysiol*, 80, 2727.
24. Kilic F, Trevithick JR. (1998) Modelling cortical cataractogenesis. XXIX. Calpain proteolysis of lens fodrin in cataract. *Biochem Mol Biol Int*, 45, 963.
25. Chesi AJ, Rucker F, Tretter Y, ten Bruggencate G, Alzheimer C. (1998) Spread of excitation in chronically lesioned mouse hippocampus determined by laser scanning microscopy. *Exp Neurol*, 152, 177.
26. Dowdall M, Green A, Richardson C. (1997) Dynamic imaging of functional nerve terminals and Schwann cells in presynaptic 'nerve plates' isolated from the skate electric organ. *J Exp Biol*, 200, 161.
27. Astrow SH, Pitaevski V, Herrera AA. (1996) Precision of reinnervation and synaptic remodeling observed in neuromuscular junctions of living frogs. *J Neurosci*, 16, 5130.
28. Sinha SR, Patel SS, Saggau P. (1995) Simultaneous optical recording of evoked and spontaneous transients of membrane potential and intracellular calcium concentration with high spatio-temporal resolution. *J Neurosci Methods*, 60, 49.
29. Krolenko SA, Amos WB, Lucy JA. (1995) Reversible vacuolation of the transverse tubules of frog skeletal muscle: a confocal fluorescence microscopy study. *J Muscle Res Cell Motil*, 16, 401.
30. Schild D, Geiling H, Bischofberger J. (1995) Imaging of L-type Ca²⁺ channels in olfactory bulb neurones using fluorescent dihydropyridine and a styryl dye. *J Neurosci Methods*, 59, 183.
31. Cinelli AR, Neff SR, Kauer JS. (1995) Salamander olfactory bulb neuronal activity observed by video rate, voltage-sensitive dye imaging. I. Characterization of the recording system. *J Neurophysiol*, 73, 2017.
32. Sutor B, Hablitz JJ, Rucker F, ten Bruggencate G. (1994) Spread of epileptiform activity in the immature rat neocortex studied with voltage-sensitive dyes and laser scanning microscopy. *J Neurophysiol*, 72, 1756.
33. Wellis DP, Kauer JS. (1994) GABAergic and glutamatergic synaptic input to identified granule cells in salamander olfactory bulb. *J Physiol*, 475, 419.
34. Kauer JS, Cinelli AR. (1993) Are there structural and functional modules in the vertebrate olfactory bulb? *Microsc Res Tech*, 24, 157.
35. Betz WJ, Bewick GS. (1992) Optical analysis of synaptic vesicle recycling at the frog neuromuscular junction. *Science*, 255, 200.
36. Bonhoeffer T, Staiger V. (1988) Optical recording with single cell resolution from monolayered slice cultures of rat hippocampus. *Neurosci Lett*, 92, 259.
37. Kauer JS. (1988) Real-time imaging of evoked activity in local circuits of the salamander olfactory bulb. *Nature*, 331, 166.
38. Kauer JS, Senseman DM, Cohen LB. (1987) Odor-elicited activity monitored simultaneously from 124 regions of the salamander olfactory bulb using a voltage-sensitive dye. *Brain Res*, 418, 255.