Advanced Patch-Clamp Analysis for Neuroscientists [

Korngreen, Alon., editor

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Monografía

This volume presents current adaptations of the patch-clamp technique to neuroscience. Chapters focus on in-vivo recordings, voltage-gated channel recording and analysis, dendritic and axonal recordings, synaptic current recording and analysis, advanced fluorescent techniques, optogenetics and voltage-sensitive dye imaging, and finally channel and neuronal modeling. Written for the popular Neuromethods\00A0series, chapters include the kind of detail and key implementation advice that ensures successful results in the laboratory. Authoritative and practical,\00A0Advanced\00A0Patch-Clamp Analysis for Neuroscientists aims\00A0to ensure successful results in the further study of this vital field

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