

ICM6012: Cellular and Molecular Neuroscience

View Online



An SCN9A Channelopathy Causes Congenital Inability to Experience Pain.
<http://www.nature.com/nature/journal/v444/n7121/pdf/nature05413.pdf>.

Baker MD and Wood JN (2001) Involvement of Na⁺ Channels in Pain Pathways. *Trends Pharmacol Sci* 22:27-31. Review.

Catterall, William A., and Frank H. Yu. 'Painful Channels'. *Neuron*, vol. 52, no. 5, Dec. 2006, pp. 743-44, <https://doi.org/10.1016/j.neuron.2006.11.017>.

---. 'Painful Channels'. *Neuron*, vol. 52, no. 5, Dec. 2006, pp. 743-44, <https://doi.org/10.1016/j.neuron.2006.11.017>.

---. 'Painful Channels'. *Neuron*, vol. 52, no. 5, Dec. 2006, pp. 743-44, <https://doi.org/10.1016/j.neuron.2006.11.017>.

Desensitization of G Protein-Coupled Receptors and Neuronal Functions.
http://sfx.library.qmul.ac.uk/qmsfx?ctx_ver=Z39.88-2004&ctx_enc=info:ofi/enc:UTF-8&ctx_tim=2013-07-09T13%3A42%3A07IST&url_ver=Z39.88-2004&url_ctx_fmt=info:ofi/fmt:kev:mtx:ctx&rft_id=info:sid/primo.exlibrisgroup.com:primo3-Article-medline&rft_val_fmt=info:ofi/fmt:kev:mtx:article&rft.genre=article&rft.atitle=Desensitization%20of%20G%20protein-coupled%20receptors%20and%20neuronal%20functions.&rft.jtitle=Annual%20review%20of%20neuroscience&rft.btitle=&rft.aulast=Gainetdinov&rft.auinit=&rft.auinit1=&rft.auinitm=&rft.ausuffix=&rft.au=Gainetdinov%2C%20Raul%20R&rft.aucorp=&rft.date=2004&rft.volume=27&rft.issue=&rft.part=&rft.quarter=&rft.ssn=&rft.spage=107&rft.epage=&rft.pages=107-44&rft.artnum=&rft.issn=0147-006X&rft.eissn=&rft.isbn=&rft.sici=&rft.coden=&rft_id=info:doi/&rft.object_id=&svc_val_fmt=info:ofi/fmt:kev:mtx:sch_svc&rft.eisbn=&rft_dat=%3Cmedline%3E15217328%3C/medline%3E&rft_id=info:oai/&svc.fulltext=yes.

Hille, Bertil. *Ion Channels of Excitable Membranes*. 3rd ed, Sinauer, 2001.

Involvement of Na⁺ Channels in Pain Pathways.
http://ac.els-cdn.com/S0165614700015856/1-s2.0-S0165614700015856-main.pdf?_tid=17907c58-3c3e-11e4-84ec-00000aacb361&acdnat=1410719991_c6748e2186d05f3d7481ff351b8fc04a.

Kandel, Eric R., et al. *Principles of Neural Science*. 4th ed, McGraw-Hill, Health Professions Division, 2000.

Levitan, Irwin B. and Kaczmarek, Leonard K. *The Neuron: Cell and Molecular Biology*. 3rd ed, Oxford University Press, 2002.

---. *The Neuron: Cell and Molecular Biology*. 3rd ed, Oxford University Press, 2002.

Nicholls, John G. *From Neuron to Brain*. 4th ed, Sinauer Associates, 2001.

Nociceptor-Specific Gene Deletion Reveals a Major Role for Na v1.7 (PN1) in Acute and Inflammatory Pain.

[http://sfx.library.qmul.ac.uk/qmsfx?frbrVersion=5&ctx_ver=Z39.88-2004&ctx_enc=info:ofi/enc:UTF-8&ctx_tim=2013-07-09T13%3A37%3A41IST&url_ver=Z39.88-2004&url_ctx_fmt=infofi/fmt:kev:mtx:ctx&rft_id=info:sid/primo.exlibrisgroup.com:primo3-Article-jstor&rft_val_fmt=info:ofi/fmt:kev:mtx:&rft.genre=article&rft.atitle=Nociceptor-Specific%20Gene%20Deletion%20Reveals%20a%20Major%20Role%20for%20Na%3Csub%3E%20v%3C/sub%3E1.7%20\(PN1\)%20in%20Acute%20and%20Inflammatory%20Pain&rft.jtitle=Proceedings%20of%20the%20National%20Academy%20of%20Sciences%20of%20the%20United%20States%20of%20America&rft.btitle=&rft.aulast=Nassar&rft.auinit=&rft.auinit1=&rft.auinitm=&rft.ausuffix=&rft.au=Nassar%2C%20Mohammed%20A.&rft.aucorp=&rft.date=20040824&rft.volume=101&rft.issue=34&rft.part=&rft.quarter=&rft.ssn=&rft.spage=12706&rft.epage=12711&rft.pages=12706-12711&rft.artnum=&rft.issn=00278424&rft.eissn=&rft.isbn=&rft.sici=&rft.coden=&rft_id=info:doi/&rft.object_id=&svc_val_fmt=info:ofi/fmt:kev:mtx:sch_svc&rft.eisbn=&rft_dat=%3Cjstor%3E10.2307/3373047%3C/jstor%3E&rft_id=info:oai/&svc.fulltext=yes](http://sfx.library.qmul.ac.uk/qmsfx?frbrVersion=5&ctx_ver=Z39.88-2004&ctx_enc=info:ofi/enc:UTF-8&ctx_tim=2013-07-09T13%3A37%3A41IST&url_ver=Z39.88-2004&url_ctx_fmt=infofi/fmt:kev:mtx:ctx&rft_id=info:sid/primo.exlibrisgroup.com:primo3-Article-jstor&rft_val_fmt=info:ofi/fmt:kev:mtx:&rft.genre=article&rft.atitle=Nociceptor-Specific%20Gene%20Deletion%20Reveals%20a%20Major%20Role%20for%20Na%3Csub%3E%20v%3C/sub%3E1.7%20(PN1)%20in%20Acute%20and%20Inflammatory%20Pain&rft.jtitle=Proceedings%20of%20the%20National%20Academy%20of%20Sciences%20of%20the%20United%20States%20of%20America&rft.btitle=&rft.aulast=Nassar&rft.auinit=&rft.auinit1=&rft.auinitm=&rft.ausuffix=&rft.au=Nassar%2C%20Mohammed%20A.&rft.aucorp=&rft.date=20040824&rft.volume=101&rft.issue=34&rft.part=&rft.quarter=&rft.ssn=&rft.spage=12706&rft.epage=12711&rft.pages=12706-12711&rft.artnum=&rft.issn=00278424&rft.eissn=&rft.isbn=&rft.sici=&rft.coden=&rft_id=info:doi/&rft.object_id=&svc_val_fmt=info:ofi/fmt:kev:mtx:sch_svc&rft.eisbn=&rft_dat=%3Cjstor%3E10.2307/3373047%3C/jstor%3E&rft_id=info:oai/&svc.fulltext=yes)

Nociceptor-Specific Gene Deletion Reveals a Major Role for NaV1.7 (PN1) in Acute and Inflammatory Pain.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC515119/pdf/10112706.pdf>

Painful Channels.

http://ac.els-cdn.com/S0896627306009123/1-s2.0-S0896627306009123-main.pdf?_tid=5fb8007c-3c3f-11e4-9935-00000aab0f01&acdnat=1410720541_599d37339c4f1b7e8057a32d4bdff321

SCN9A Mutations in Paroxysmal Extreme Pain Disorder: Allelic Variants Underlie Distinct Channel Defects and Phenotypes.

http://ac.els-cdn.com/S0896627306008051/1-s2.0-S0896627306008051-main.pdf?_tid=38f57532-3c3f-11e4-af08-00000aacb35d&acdnat=1410720476_6b1953d9d8906f0a8339eebbcad581e

Shepherd, Gordon M. *The Synaptic Organization of the Brain*. 4th ed, Oxford University Press, 1998.