

# ICM6012: Cellular and Molecular Neuroscience

View Online



1.

Catterall WA, Yu FH. Painful Channels. *Neuron*. 2006 Dec;52(5):743-744.

2.

Levitan, Irwin B., Kaczmarek, Leonard K. *The neuron: cell and molecular biology*. 3rd ed. New York: Oxford University Press; 2002.

3.

Desensitization of G protein-coupled receptors and neuronal functions. [Internet]. Available from:

[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](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)

4.

Nociceptor-Specific Gene Deletion Reveals a Major Role for Na v1.7 (PN1) in Acute and Inflammatory Pain [Internet]. Available from:

[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=info:ofi/fmt:kev:mtx:ctx&rft\\_id=info:sid/primo.exlibrisgroup.com:primo3-Article-jstor&rft\\_val\\_f](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=info:ofi/fmt:kev:mtx:ctx&rft_id=info:sid/primo.exlibrisgroup.com:primo3-Article-jstor&rft_val_f)

mt=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:svc&rft.eisbn=&rft\_dat=%3Cjstor%3E10.2307/3373047%3C/jstor%3E&rft\_id=info:oai/&svc.fulltext=yes

5.

Hille, Bertil. Ion channels of excitable membranes. 3rd ed. Sunderland, Mass: Sinauer; 2001.

6.

Levitan, Irwin B., Kaczmarek, Leonard K. The neuron: cell and molecular biology. 3rd ed. New York: Oxford University Press; 2002.

7.

Kandel, Eric R., Schwartz, James H., Jessell, Thomas M. Principles of neural science. 4th ed. New York: McGraw-Hill, Health Professions Division; 2000.

8.

Catterall WA, Yu FH. Painful Channels. Neuron. 2006 Dec;52(5):743-744.

9.

Catterall WA, Yu FH. Painful Channels. Neuron. 2006 Dec;52(5):743-744.

10.

Nicholls JG. From neuron to brain. 4th ed. Sunderland, Mass., U.S.A.: Sinauer Associates; 2001.

11.

Shepherd GM. The synaptic organization of the brain. 4th ed. New York: Oxford University Press; 1998.

12.

Baker MD and Wood JN (2001) Involvement of Na<sup>+</sup> channels in pain pathways. Trends Pharmacol Sci 22:27-31. Review.

13.

Involvement of Na<sup>+</sup> channels in pain pathways [Internet]. Available from:  
[http://ac.els-cdn.com/S0165614700015856/1-s2.0-S0165614700015856-main.pdf?\\_tid=17907c58-3c3e-11e4-84ec-00000aacb361&acdnat=1410719991\\_c6748e2186d05f3d7481ff351b8fc04a](http://ac.els-cdn.com/S0165614700015856/1-s2.0-S0165614700015856-main.pdf?_tid=17907c58-3c3e-11e4-84ec-00000aacb361&acdnat=1410719991_c6748e2186d05f3d7481ff351b8fc04a)

14.

Nociceptor-specific gene deletion reveals a major role for NaV1.7 (PN1) in acute and inflammatory pain [Internet]. Available from:  
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC515119/pdf/10112706.pdf>

15.

SCN9A mutations in paroxysmal extreme pain disorder: allelic variants underlie distinct channel defects and phenotypes [Internet]. Available from:  
[http://ac.els-cdn.com/S0896627306008051/1-s2.0-S0896627306008051-main.pdf?\\_tid=38f57532-3c3f-11e4-af08-00000aacb35d&acdnat=1410720476\\_6b1953d9d8906f0a8339eebbbcad581e](http://ac.els-cdn.com/S0896627306008051/1-s2.0-S0896627306008051-main.pdf?_tid=38f57532-3c3f-11e4-af08-00000aacb35d&acdnat=1410720476_6b1953d9d8906f0a8339eebbbcad581e)

16.

Painful channels [Internet]. Available from:  
[http://ac.els-cdn.com/S0896627306009123/1-s2.0-S0896627306009123-main.pdf?\\_tid=5fb8007c-3c3f-11e4-9935-00000aab0f01&acdnat=1410720541\\_599d37339c4f1b7e8057a32d4bdff321](http://ac.els-cdn.com/S0896627306009123/1-s2.0-S0896627306009123-main.pdf?_tid=5fb8007c-3c3f-11e4-9935-00000aab0f01&acdnat=1410720541_599d37339c4f1b7e8057a32d4bdff321)

17.

An SCN9A channelopathy causes congenital inability to experience pain. [Internet].  
Available from: <http://www.nature.com/nature/journal/v444/n7121/pdf/nature05413.pdf>