

# ICM6011: Brain and Mind, Disorders of Supraspinal Systems

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[1]

L. F. Jarskog, S. Miyamoto, and J. A. Lieberman, 'Schizophrenia: New Pathological Insights and Therapies', *Annual Review of Medicine*, vol. 58, no. 1, pp. 49-61, Feb. 2007, doi: 10.1146/annurev.med.58.060904.084114.

[2]

'Signaling pathways underlying the pathophysiology and treatment of depression: novel mechanisms for rapid-acting agents - ScienceDirect' [Online]. Available: [http://www.sciencedirect.com.ezproxy.library.qmul.ac.uk/science/article/pii/S0166223611001913?\\_rdoc=1&\\_fmt=high&\\_origin=gateway&\\_docanchor=&md5=b8429449ccfc9c30159a5f9aeaa92ffb&ccp=y](http://www.sciencedirect.com.ezproxy.library.qmul.ac.uk/science/article/pii/S0166223611001913?_rdoc=1&_fmt=high&_origin=gateway&_docanchor=&md5=b8429449ccfc9c30159a5f9aeaa92ffb&ccp=y)

[3]

'Advances in the pharmacological treatment of Parkinson's disease: targeting neurotransmitter systems - ScienceDirect' [Online]. Available: [http://www.sciencedirect.com.ezproxy.library.qmul.ac.uk/science/article/pii/S0166223613001148?\\_rdoc=1&\\_fmt=high&\\_origin=gateway&\\_docanchor=&md5=b8429449ccfc9c30159a5f9aeaa92ffb](http://www.sciencedirect.com.ezproxy.library.qmul.ac.uk/science/article/pii/S0166223613001148?_rdoc=1&_fmt=high&_origin=gateway&_docanchor=&md5=b8429449ccfc9c30159a5f9aeaa92ffb)

[4]

'Pink1, Parkin, DJ-1 and mitochondrial dysfunction in Parkinson's disease - ScienceDirect' [Online]. Available: [http://www.sciencedirect.com.ezproxy.library.qmul.ac.uk/science/article/pii/S0959438807000645?\\_rdoc=1&\\_fmt=high&\\_origin=gateway&\\_docanchor=&md5=b8429449ccfc9c30159a5f9aeaa92ffb](http://www.sciencedirect.com.ezproxy.library.qmul.ac.uk/science/article/pii/S0959438807000645?_rdoc=1&_fmt=high&_origin=gateway&_docanchor=&md5=b8429449ccfc9c30159a5f9aeaa92ffb)

[5]

C. E. Clarke, 'Parkinson's disease', *BMJ*, vol. 335, no. 7617, pp. 441–445, Sep. 2007, doi: 10.1136/bmj.39289.437454.AD.

[6]

S. Zhai, A. Tanimura, S. M. Graves, W. Shen, and D. J. Surmeier, 'Striatal synapses, circuits, and Parkinson's disease', *Current Opinion in Neurobiology*, vol. 48, pp. 9–16, Feb. 2018, doi: 10.1016/j.conb.2017.08.004.

[7]

'Amyotrophic Lateral Sclerosis — NEJM'. [Online]. Available: <http://www.nejm.org.ezproxy.library.qmul.ac.uk/doi/full/10.1056/NEJMra1603471>

[8]

'Endocannabinoid Signaling and Long-Term Synaptic Plasticity - *annurev.physiol.010908.163149*'. [Online]. Available: <http://www.annualreviews.org.ezproxy.library.qmul.ac.uk/doi/pdf/10.1146/annurev.physiol.010908.163149>

[9]

'Endocannabinoid Signaling and Long-Term Synaptic Plasticity - *annurev.physiol.010908.163149*'. [Online]. Available: <http://www.annualreviews.org.ezproxy.library.qmul.ac.uk/doi/pdf/10.1146/annurev.physiol.010908.163149>

[10]

'Multiple Functions of Endocannabinoid Signaling in the Brain | Annual Review of Neuroscience'. [Online]. Available: <http://www.annualreviews.org.ezproxy.library.qmul.ac.uk/doi/10.1146/annurev-neuro-062111-150420>

[11]

'Animal models for the study of perinatal hypoxic-ischemic encephalopathy: a critical analysis - ScienceDirect' [Online]. Available:  
[http://www.sciencedirect.com.ezproxy.library.qmul.ac.uk/science/article/pii/S0378378296017732?\\_rdoc=1&\\_fmt=high&\\_origin=gateway&\\_docanchor=&md5=b8429449ccfc9c30159a5f9aeaa92ffb](http://www.sciencedirect.com.ezproxy.library.qmul.ac.uk/science/article/pii/S0378378296017732?_rdoc=1&_fmt=high&_origin=gateway&_docanchor=&md5=b8429449ccfc9c30159a5f9aeaa92ffb)

[12]

'Current Perspectives on Traumatic Brain Injury'. [Online]. Available:  
<http://www.asha.org/Articles/Current-Perspectives-on-Traumatic-Brain-Injury/>

[13]

'Animal models for the study of perinatal hypoxic-ischemic encephalopathy: a critical analysis - ScienceDirect' [Online]. Available:  
[http://www.sciencedirect.com.ezproxy.library.qmul.ac.uk/science/article/pii/S0378378296017732?\\_rdoc=1&\\_fmt=high&\\_origin=gateway&\\_docanchor=&md5=b8429449ccfc9c30159a5f9aeaa92ffb](http://www.sciencedirect.com.ezproxy.library.qmul.ac.uk/science/article/pii/S0378378296017732?_rdoc=1&_fmt=high&_origin=gateway&_docanchor=&md5=b8429449ccfc9c30159a5f9aeaa92ffb)

[14]

'Therapeutics of Alzheimer's disease: Past, present and future - ScienceDirect' [Online]. Available:  
[http://www.sciencedirect.com.ezproxy.library.qmul.ac.uk/science/article/pii/S0028390813003195?\\_rdoc=1&\\_fmt=high&\\_origin=gateway&\\_docanchor=&md5=b8429449ccfc9c30159a5f9aeaa92ffb](http://www.sciencedirect.com.ezproxy.library.qmul.ac.uk/science/article/pii/S0028390813003195?_rdoc=1&_fmt=high&_origin=gateway&_docanchor=&md5=b8429449ccfc9c30159a5f9aeaa92ffb)

[15]

'A review on Alzheimer's disease pathophysiology and its management: an update - ScienceDirect' [Online]. Available:  
[http://www.sciencedirect.com.ezproxy.library.qmul.ac.uk/science/article/pii/S1734114014002886?\\_rdoc=1&\\_fmt=high&\\_origin=gateway&\\_docanchor=&md5=b8429449ccfc9c30159a5f9aeaa92ffb](http://www.sciencedirect.com.ezproxy.library.qmul.ac.uk/science/article/pii/S1734114014002886?_rdoc=1&_fmt=high&_origin=gateway&_docanchor=&md5=b8429449ccfc9c30159a5f9aeaa92ffb)

[16]

'Chronic Traumatic Encephalopathy in Athletes: Progressive Tauopathy After Repetitive Head Injury | Journal of Neuropathology & Experimental Neurology | Oxford Academic'. [Online]. Available:  
<https://academic-oup-com.ezproxy.library.qmul.ac.uk/jnen/article-lookup/doi/10.1097/NEN>.

0b013e3181a9d503

[17]

'10.1038/icb.2014.114 : nature.com search'. [Online]. Available:  
[http://www.nature.com.ezproxy.library.qmul.ac.uk/search?exclude-collections=journals\\_palgrave%2Clab\\_animal&include-collections=journals\\_nature%2C crawled\\_content&order=date\\_desc&q=10.1038%2Ficb.2014.114&q\\_match=all&sp-a=sp1001702d&sp-m=0&sp-p-1=phrase&sp-sfvl-field=subject%7Cujournal&sp-x-1=ujournal&submit=go](http://www.nature.com.ezproxy.library.qmul.ac.uk/search?exclude-collections=journals_palgrave%2Clab_animal&include-collections=journals_nature%2C crawled_content&order=date_desc&q=10.1038%2Ficb.2014.114&q_match=all&sp-a=sp1001702d&sp-m=0&sp-p-1=phrase&sp-sfvl-field=subject%7Cujournal&sp-x-1=ujournal&submit=go)

[18]

A. M. Packer, B. Roska, and M. Häusser, 'Targeting neurons and photons for optogenetics', *Nature Neuroscience*, vol. 16, no. 7, pp. 805–815, Jun. 2013, doi: 10.1038/nn.3427.

[19]

S. Walker, M. Permezel, and S. Berkovic, 'The management of epilepsy in pregnancy', *BJOG: An International Journal of Obstetrics & Gynaecology*, vol. 116, no. 6, pp. 758–767, May 2009, doi: 10.1111/j.1471-0528.2009.02141.x.

[20]

W. Löscher, 'Critical review of current animal models of seizures and epilepsy used in the discovery and development of new antiepileptic drugs', *Seizure*, vol. 20, no. 5, pp. 359–368, Jun. 2011, doi: 10.1016/j.seizure.2011.01.003.

[21]

S. Yokobori, K. Hosein, S. Burks, I. Sharma, S. Gajavelli, and R. Bullock, 'Biomarkers for the Clinical Differential Diagnosis in Traumatic Brain Injury-A Systematic Review', *CNS Neuroscience & Therapeutics*, vol. 19, no. 8, pp. 556–565, Aug. 2013, doi: 10.1111/cns.12127.

[22]

C. N. Serhan, 'Resolution Phase of Inflammation: Novel Endogenous Anti-Inflammatory and Proresolving Lipid Mediators and Pathways', *Annual Review of Immunology*, vol. 25, no. 1,

pp. 101–137, Apr. 2007, doi: 10.1146/annurev.immunol.25.022106.141647.