

## Literature Suggestions

Monday, September 9, 2013

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### *Anders Gade*

Bernhardt, B. C. & Singer, T. (2012). The neural basis of empathy. *Annual Review of Neuroscience*, 35, 1-23.

Gade, A. (2012). Angstens neuropsykologi. In I.Leth & B. H. Esbjørn (Eds.), *Angst hos børn. Kognitiv terapi i teori og praksis* (pp. 45-105). København: Dansk Psykologisk Forlag.

Davis, M., Walker, D. L., Miles, L., & Grillon, C. (2010). Phasic vs sustained fear in rats and humans: role of the extended amygdala in fear vs anxiety. *Neuropsychopharmacology*, 35, 105-135.

### *Oliver Hulme*

Kringelbach M. The human orbitofrontal cortex: Linking reward to hedonic experience. *Nature Reviews* 2005;6:691-702.

Pecina S, Smith KS, Berridge KC. Hedonic hot spots in the brain. *Neuroscientist* 2006;12:500-511.

### *Gitte Moos Knudsen*

[http://www.neuroanatomy.wisc.edu/coursebook/neuro5\(2\).pdf](http://www.neuroanatomy.wisc.edu/coursebook/neuro5(2).pdf)

LeDoux J. Rethinking the emotional brain. *Neuron* 2012; 73: 653-76  
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3625946/>

### *Patrick Fisher*

Hariri, A.R. *Annual Reviews Neuroscience* (2009) The neurobiology of individual differences in complex behavioral traits. 32:225-247. DOI: 10.1146/annurev.neuro.051508.135335. Pubmed link: <http://www.ncbi.nlm.nih.gov/pubmed/19400720>.

Willeit M., Praschak-Rieder, N. *Neuroimage* (2010) – Imaging the effects of genetic polymorphisms on radioligand binding in the living human brain: A review on genetic neuroreceptor imaging of monoaminergic systems in psychiatry. 53(3): 878-892. DOI: 10.1016/j.neuroimage.2010.04.030. Pubmed link: <http://www.ncbi.nlm.nih.gov/pubmed/20399868>.

### *Isabelle Mansuy*

Bohacek, J, Gapp, K, Saab, B.J. and Mansuy I.M. (2013). Transgenerational epigenetic effects on brain functions. *Biol. Psych.* 73: 313-320.

Franklin, T., Saab, B. J. and Mansuy I.M. (2012). The neural mechanisms of stress resilience and vulnerability. *Neuron* 75, 747-761.

Franklin, T. and Mansuy I.M. (2013). The neural bases of emotions. *Neurosciences*. Edited by CG Galizia, PM Lledo. Springer Verlag Berlin. In press.

**Tuesday, September 10, 2013**

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***Gitta Wörtwein***

Heather M. Schellinck, David P. Cyr, and Richard E. Brown, How Many Ways Can Mouse Behavioral Experiments Go Wrong? Confounding Variables in Mouse Models of Neurodegenerative Diseases and How to Control Them. In H. Jane Brockmann, editor: *Advances in the Study of Behavior*, Vol. 41, Burlington: Academic Press, 2010, pp. 255-366.

Chadman KK, Yang M, Crawley JN. 2009. Criteria for Validating Mouse Models of Psychiatric Diseases. *Am J Med Genet Part B* 150B:1–11.

***Erik Lykke Mortensen***

McCrae & Costa: *Personality in Adulthood*. New York: Guilford Press, 2003

Matthews, Deary & Whiteman: *Personality Traits*. Cambridge University Press, 2009.

Claridge & Davis: *Personality and psychological disorders*. Oxford University Press, 2003.

***Mats Fredriksen***

Agren T et al. Disruption of reconsolidation erases a fear memory trace in the human amygdala. *Science* 2012; 337:1550-1552

Fredrikson M, Faria V, Furmark T. Neuroimaging of Neurotransmission in Anxiety Disorders. Chapter 14 in: Dierckx RAJO, Otte A, Boer JA den, De Vries EFJ, Van Waarde A (eds.) *PET and SPECT in Psychiatry*. Springer Verlag, Berlin 2013, in press. (Paper copies of this article will be distributed at the course).

Two reviews:

PMID: 21658578 and PMID: 19517024.

***Catherine Sebastian***

*Part 1: Neural processing of emotion in adolescence*

Blakemore, S.-J. & Robbins, T.W. (2012). Decision making in the adolescent brain. *Nature Reviews Neuroscience*, 15(9), 1184-1191.

Paus, T., Keshavan, M., & Giedd, J.N. (2008). Why do many psychiatric disorders emerge during adolescence? *Nature Reviews Neuroscience*, 9(12), 947-957.

*Part 2: Neural processing of emotion in conduct problems*

Viding, E. & McCrory, E. J. (2012). Genetic and neurocognitive contributions to the development of psychopathy. *Development and Psychopathology*, 24, 969-983.

**Wednesday, September 11, 2013**

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***Terry Jernigan***

Brown TT, Kuperman JM, Chung Y et al. Neuroanatomical assessment of biological maturity. *Current Biology* 2012;22:1693-1698.

Brown TT, Jernigan TL. Brain development during the preschool years. *Neuropsychol Rev* 2012; 22(4):313-33. DOI 10.1007/s11065-012-9214-1

***Stephen Strother***

Krishnan A, Williams LJ, McIntosh AR, Abdi H. (2011): Partial Least Squares (PLS) methods for neuroimaging: A tutorial and review. *Neuroimage* 56(2):455-75.

Web video: <http://vimeo.com/46039105>

***Nicole Praschak-Rieder***

Praschak-Rieder N, Willeit M, Wilson AA, Houle S, Meyer JH. Seasonal variation in human brain serotonin transporter binding. *Arch Gen Psychiatry*. 2008 Sep;65(9):1072-8. doi: 10.1001/archpsyc.65.9.1072.

Praschak-Rieder N, Willeit M. Imaging of seasonal affective disorder and seasonality effects on serotonin and dopamine function in the human brain. *Curr Top Behav Neurosci*. 2012;11:149-67. doi: 10.1007/7854\_2011\_174.

***Barbara Sahakian***

Roiser JP, Elliott R, Sahakian B. Cognitive mechanisms of treatment in depression. *Neuropsychopharmacology Reviews* (2013) 37:117-136.

Clark L, Chamberlain SR, Sahakian BJ. Neurocognitive mechanisms in depression: Implications for treatment. *Annu Rev Neurosci* 2009;32:57-74.

Jonathan P. Roiser and Barbara J. Sahakian Hot and cold cognition in depression. *CNS Spectrums*, Available on CJO 2013 doi:10.1017/S1092852913000072.

Owens M, Goodyer IM, Wilkinson P, Bhardwaj A, Abbott R, et al. (2012) 5-HTTLPR and Early Childhood Adversities Moderate Cognitive and Emotional Processing in Adolescence. *PLoS ONE* 7(11): e48482. doi:10.1371/journal.pone.0048482.

Sahakian B, Morein-Zamir S (2011). Depression and resilience: Insights from cognitive, neuroimaging and psychopharmacological studies. In: Delgado MR, Phelps EA & Robbins TW eds., *Attention and Performance XXIII: Decision Making, Affect and Learning*. Oxford University Press.

Insel TR, Voon V, Nye JS. Innovative solutions to novel drug development in mental health. *Neuroscience and biobehavioral reviews* 2013, in press.

Insel TR, Sahakian BJ. A plan for mental illness. *Nature* 2012, 483:269.

Beddington J, Cooper CL, Field J et al. The mental wealth of nations. *Nature* 2008;455:1057-60.

***Trevor Robbins***

Everitt, B.J. & Robbins, T.W. (2005) Neural systems of reinforcement for drug addiction: from actions to habits to compulsion. *Nature Neuroscience*, 8, 1481-1489

**Cimbi PhD course: 'The Emotional Brain: Functional and structural dimensions of emotion processing and emotional disorders', Copenhagen, Sep 9-11, 2013**

Dalley, J.W., Everitt, B.J. & Robbins, T.W. (2011) Impulsivity, compulsivity, and top-down cognitive control. *Neuron*, 69, 680-694.

Robbins, T.W., Gillan, C.M., Smith, D.G., de Wit, S. & Ersche, K.D. (2012) Neurocognitive endophenotypes of impulsivity and compulsivity: towards dimensional psychiatry. *Trends in Cognitive Sciences*, 16, 81-91