

Reference list for Yoh's lecture on social behavior

Awesome videos of naked mole rats

<https://www.youtube.com/watch?v=5yRzFZRiTjg>

www.bbc.co.uk/earth/story/20170109-bizarre-naked-mole-rats

Books

E.O. Wilson, *Sociobiology: The New Synthesis* (1975)

A classic

N. Tinbergen, *The Study Of Instinct* (1969)

A highly recommended read for those who aspire to study social behaviors

Bradbury and Vehrencamp, *Principles of Animal Communications* (2011)

Good textbook for a broad overview

Check out the companion website on drive:

<http://sites.sinauer.com/animalcommunication2e/chapter10.04.html>

Luo, *Principles of Neurobiology* (2016)

A contemporary textbook for neuroscience.

Rodent olfactory behaviors

Stowers et al. Loss of sex discrimination and male-male aggression in mice deficient for TRP2, *Science* 2002

<https://www.ncbi.nlm.nih.gov/pubmed/11823606>

Dulac and Wagner, Genetic analysis of brain circuits underlying pheromone signaling, *Annu Rev Genet*, 2006

<https://www.ncbi.nlm.nih.gov/pubmed/16953793>

Sexual dimorphism, hormonal effects

Clarkson and Herbison, Hypothalamic control of the male neonatal testosterone surge, *Phil. Trans. R. Soc. B.* (2016)

<https://www.ncbi.nlm.nih.gov/pubmed/26833836>

Xu, Shah et al. Modular genetic control of sexually dimorphic behaviors, *Cell* (2012)

<https://www.ncbi.nlm.nih.gov/pubmed/22304924>

Kimchi, Dulac et al. A functional circuit underlying male sexual behaviour in the female mouse brain, *Nature* (2007)

<https://www.ncbi.nlm.nih.gov/pubmed/17676034>

Parental behavior

Kohl, Dulac et al., The neurobiology of parenting: A neural circuit perspective, *Bioessays* (2016)

<http://onlinelibrary.wiley.com/doi/10.1002/bies.201600159/full>

Aggression and mating

Lin, Anderson et al. Functional identification of an aggression locus in the mouse hypothalamus, *Nature* (2011)

<https://www.ncbi.nlm.nih.gov/pubmed/21307935>

Anderson, Optogenetics, sex, and violence in the brain: implications for psychiatry, *Biol Psychiatry* (2012)

<https://www.ncbi.nlm.nih.gov/pubmed/22209636>

Social hierarchy

Williamson, Curley et al., Temporal dynamics of social hierarchy formation and maintenance in male mice, *Animal Behaviour* (2016)

<http://www.sciencedirect.com/science/article/pii/S0003347216000798>

Wang, Hu et al. Bidirectional control of social hierarchy by synaptic efficacy in medial prefrontal cortex, *Science* (2011)

<https://www.ncbi.nlm.nih.gov/pubmed/21960531>

Zhou, Hu et al. History of winning remodels thalamo-PFC circuit to reinforce social dominance, *Science* (2017)

<https://www.ncbi.nlm.nih.gov/pubmed/28706064>

Epigenetic regulation of social behaviors through individual variability

Okhovat, Phelps et al. Sexual fidelity trade-offs promote regulatory variation in the prairie vole brain, *Science* (2015)

<https://www.ncbi.nlm.nih.gov/pubmed/26659055>