



# The Neurobiology of Pair Bonding: Implication for Autism



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Dr. Larry J. Young, PhD is Director of the Center for Translational Social Neuroscience and of the Silvio O. Conte Center for Oxytocin and Social Cognition at Emory University in Atlanta. He is also William P. Timmie Professor in the Department of Psychiatry and Behavioral Sciences at the Emory University School of Medicine and chief of the Division of Behavioral Neuroscience and Psychiatric Disorders at Yerkes National Primate Research Center. Dr. Young has published over 170 peer reviewed publications, including premier journals such as *Science*, *Nature*, *Nature Neuroscience*, *PNAS* and *Nature Reviews Drug Discovery*. Dr. Young has received several awards for his academic achievements including the Golden Brain Award, the Frank Beach Award, the Daniel H. Efron Award from the American College of Neuropsychopharmacology, and has been elected as Fellow in the American Association for the Advancement of Science and the American Academy of Arts and Sciences. Dr. Young's research seeks to understand how the brain functions to regulate social relationships.

## Selected Publications

1. Amadei EA, Johnson ZV, Jun Kwon Y, Shpiner AC, Saravanan V, Mays WD, Ryan SJ, Walum H, Rainnie DG, **Young LJ**, Liu RC. Dynamic corticostriatal activity biases social bonding in monogamous female prairie voles. *Nature*. 546(7657):297-301. 2017.
2. Burkett JP, Andari E, Johnson ZV, Curry DC, de Waal FB, **Young LJ**. Oxytocin-dependent consolation behavior in rodents. *Science*. 351: 375-8. 2016.
3. Rilling JK and **Young LJ**. The biology of mammalian parenting and its effect on offspring social development. *Science*. 345: 771-776. 2014.
4. Skuse DH, Lori L, Cubells JF, Lee I, Conneely KJ, Puura K, Lehtimäki T, Binder E, **Young LJ**. A common polymorphism in the oxytocin receptor gene (OXTR) is associated with human social recognition skills. *PNAS*. 111(5):1987-92. 2014.
5. Donaldson ZR, **Young LJ**. Oxytocin, Vasopressin, and the Neurogenetics of Sociality. *Science*. 322, 900-904. 2009.

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