

David G. Amaral, Ph.D.

Journal Articles

- 2007 Kobayashi Y, **Amaral DG**: Macaque Monkey Retrosplenial Cortex: III Cortical Efferents. *J Comp Neurol.* 502: 810-833.
- 2007 Antoniadis EA, Winslow JT, Davis M, **Amaral DG**: Role of the primate amygdala in fear-potentiated startle: effects of chronic lesions in the rhesus monkey. *J Neurosci.* 27:7386-7396.
- 2007 Skaggs WE, McNaughton BL, Permenter M, Archibeque M, Vogt J, **Amaral DG** Barnes CA: EEG Sharp Waves and Sparse Ensemble Unit Activity in the Macaque Hippocampus. *J Neurophysiol.* 98:898-910.
- 2007 Mohedano-Moriano A, Pro-Sistiaga P, Arroyo-Jimenez MM, Artacho- Pérula E, Insausti AM, Marcos P, Cebada-Sánchez S, Martínez-Ruiz J, Muñoz-López M, Blaizot X, Martínez-Marcos A, **Amaral DG**, Insausti R: Topographical and laminar distribution of cortical input to the monkey entorhinal cortex. *J Anat.* 211:250-260.
- 2007 Nordahl CW, Dierker D, Mostafavi I, Schumann CM, Rivera SM, **Amaral DG**, Van Essen DC: Cortical folding abnormalities in autism revealed by surface-based morphometry. *J Neurosci.* 27:11725-11735.
- 2008 Davis M, Antoniadis E, **Amaral DG**, Winslow JT. Acoustic startle in rhesus monkeys: A review. *Neuroscience: Biobehavioral Reviews.* 19:171-185.
- 2008 Belmonte MK, Mazziotta JC, Minshew NJ, Evans AC, Courchesne E, Dager SR, Bookheimer SY, Aylward EH, Amaral DG, Cantor RM, Chugani DC, Dale AM, Davatzikos C, Gerig G, Herbert MR, Lainhart JE, Murphy DG, Piven J, Reiss AL, Schultz RT, Zeffiro TA, Levi-Pearl S, Lajonchere C, Colamarino SA. **Amaral DG** et al: Offering to share: How to put heads together in autism neuroimaging. *J Autism Dev Disord.* 2008 Jan;38(1):2-13.
- 2008 Machado CJ, Snyder AZ, Cherry SR, Lavenex P, **Amaral DG**: Effects of neonatal amygdala or hippocampus lesions on resting brain metabolism in the macaque monkey: A microPET imaging study. *Neuroimage.* 39:832-846.
- 2008 **Amaral DG**, Schumann CM, Nordahl CW: Neuroanatomy of Autism. *Trends Neurosci.* 3:137-145.
- 2008 Machado CJ, Emery NJ, Capitanio JP, Mason WA, Mendoza SP, **Amaral DG**. Bilateral neurotoxic amygdala lesions in rhesus monkeys (*Macaca mulatta*): Consistent pattern of behavior across different social contexts. *Behavioral Neurosci.* 122:251-66.

Book Chapter

- 2007 **Amaral DG**, Rubenstein JLR, Rogers SJ: Neuroscience of Autism. In: Psychiatry, Third Edition. (Tasman A, Kay J, Lieberman JE, First MB, Maj M, eds.), Wiley & Sons, Chichester, UK, volume 1, pp 379-392.

Presentations

- 2007 Autism Research Consortium Annual Think Tank, Boston, MA
- 2007 National Academy of Neuropsychology, Scottsdale, AZ Biological Markers, Neural Systems and Social Behavior in Autism
- 2007 North Shore LIJ Autism Research Conference, Long Island, New York, Neurobiological Approaches to Understanding Autism
- 2007 Help Group Summit, Los Angeles, CA Role of the Immune System in Autism: Recent Research
- 2007 Southwest Autism Research and Resource Center, Scottsdale, AZ, Neurobiological Approaches to the Understanding of Autism
- 2007 Japanese Society for Neuroscience, Tokyo, Japan, Non human primate models of normal social behavior, neurodevelopmental disorders and functional reorganization following early brain damage.
- 2007 Dartmouth University, Hanover, NH Neurobiological Approaches to the Understanding of Autism
- 2007 MIT, Cambridge, MA Neurobiological Approaches to the Understanding of Autism
- 2007 Boston University, Boston, MA Developmental Neurobiological Studies of the Primate Medial Temporal Lobe
- 2008 International Behavioral Neuroscience Society, Annual Meeting, St Thomas, US Virgin Islands. Keynote: Functions of the nonhuman primate amygdala and hippocampus: evidence from lesion studies in the developing and mature rhesus monkey.
- 2008 Giant Steps Autism Conference, Giant Steps School, Fairfield CT. Neurobiological and Immune Approaches to the Understanding of Autism.
- 2008 Association for Psychological Science, 20th Annual Convention, Chicago, IL. Neuroimmune Interactions in Autism.
- 2008 University of Maryland. Neuroscience and Cognitive Science Program. Neurobiological and Neuroimmune Approaches to the Understanding of Autism
- 2008 Autism Society of Minnesota, Minneapolis, MN Keynote Address: Research on Neurobiological and Immune Factors in Autism

- 2008 UCLA Center for Autism Research and Treatment (CART) Los Angeles, CA Neurobiological and Neuroimmune Approaches to Understanding Autism.
- 2008 Autism411 Town Meeting, Panel Member, Los Angeles, CA
- 2008 Neurogenomics Conference, Panel Member, University of Minnesota, Minneapolis, MN, ELSI Issues in Neurogenomics in Childhood Disorders
- 2008 Pediatric Therapy Network. Sensory Integration, Emotions and Autism. Long Beach, CA Neurobiology of Social Behavior and Emotion: Implications for an Understanding of Autism.
- 2008 Current Issues in Developmental Psychobiology, 23rd Annual Winter Conference. Cozumel, Mexico. Amygdala, Autism and Anxiety