

Curriculum Vitae

Russell D. Romeo, Ph.D.

Address and Contact Information:

Russell D. Romeo, Ph.D.
Assistant Professor
Barnard College of Columbia University
Department of Psychology and Neuroscience and Behavior Program
New York, NY 10027
(212) 854-5903 (office)
(212) 854-3601 (fax)
rromeo@barnard.edu

Education:

- Edinboro University
B.A. in Psychology, 1993
- Villanova University
M.S. in Experimental Psychology, 1995
- Michigan State University
Ph.D. in Neuroscience and Psychology, 2001
- Rockefeller University
Postdoctoral Fellow, 2006

Professional Memberships:

Psi Chi
Sigma Xi
Society for Behavioral Neuroendocrinology, Member
Society for Neuroscience, Member

Awards:

Young Investigator Award at the Workshop on Steroid Hormones and Brain Function, 2000
The Society for Reproductive Endocrinology Fellowship Research Prize Paper Award, 2002
Wiley Publishers *Developmental Psychobiology* Student Award, 2003
Young Investigator Award from the Society for Behavioral Neuroendocrinology, 2006
Young Investigator Award from the Conference on Hormones and Brain Function, 2007

Grants:

2003-2006 NIH Individual National Research Service Award (F32 MH-065749)
Sex Differences in Hippocampal Synaptic Protein & mRNA.

Previous/Current Positions and Research Experience:

1992-93 Research Assistant to Dr. Charles Edwards, Department of Psychology, Edinboro University.
1993-95 Research Assistant to Drs. Ingeborg L. and O. Byron Ward, Department of Psychology, Villanova University.
1995-01 Research Assistant to Dr. Cheryl L. Sisk, Department of Psychology and Neuroscience, Michigan State University.
2001-06 Postdoctoral Fellow to Dr. Bruce McEwen, Laboratory of Neuroendocrinology, Rockefeller University.
2006-07 Research Associate, Laboratory of Neuroendocrinology, Rockefeller University
2007-present Member of the Adjunct Faculty, Laboratory of Neuroendocrinology, Rockefeller University

Ad Hoc Reviewer:

Biology of Reproduction, Journal of Neurobiology, Brain Research, Physiology & Behavior, Molecular Psychiatry, Journal of Comparative Neurology, Hormones and Behavior, Reproduction, Proceedings for National Academy of Sciences, Neuroendocrinology, Hippocampus, Endocrinology, Neuropsychopharmacology, Neuroscience Letters, Psychoneuroendocrinology, Neuroscience, Development Psychobiology, Neurochemical Research, Behavioural Brain Research, Nature Neuroscience, Encyclopedia of Neuroscience, Synapse, Progress in Neuro-Psychopharmacology and Biological Psychiatry, FASEB Journal, Neurotoxicology and Teratology, Experimental Neurology, Journal of Psychopharmacology, Stress, Biological Psychiatry

Publications:

1. Meek, L. R., **Romeo, R. D.**, Novak, C. M., and Sisk, C. L. (1997). Actions of testosterone in prepubertal and postpubertal male hamsters: dissociation of effects on reproductive behavior and brain androgen receptor immunoreactivity. *Hormones and Behavior*, **31**:75-88.
2. **Romeo, R. D.**, Parfitt, D. B., Richardson, H. N., and Sisk, C. L. (1998). Pheromones elicit equivalent levels of Fos-immunoreactivity in prepubertal and adult male Syrian hamsters. *Hormones and Behavior*, **34**:48-55.
3. **Romeo, R.D.**, Wade, J., Venier, J. E., and Sisk, C. L. (1999). Androgenic regulation of hypothalamic aromatase activity in prepubertal and postpubertal male golden hamsters. *Endocrinology*, **140**:112-117.

4. Richardson, H. N., **Romeo, R. D.**, and Sisk, C. L. (1999). Regional changes in GnRH immunoreactivity with puberty in the male Syrian hamster. *Brain Research*, **817**:232-235.
5. **Romeo, R. D.**, Diedrich, S. L., and Sisk, C. L. (1999). Estrogen receptor-immunoreactivity in prepubertal and adult male Syrian hamsters. *Neuroscience Letters*, **265**:167-170.
6. Ward, I. L., **Romeo, R. D.**, Denning, J. H., and Ward, O. B. (1999). Fetal alcohol exposure blocks full masculinization of the dorsolateral nucleus in rat spinal cord. *Physiology & Behavior*, **66**:571-575.
7. Parfitt, D. B., Thompson, R. C., Richardson, H. N., **Romeo, R. D.**, and Sisk, C. L. (1999). GnRH mRNA increases with puberty in the male Syrian hamster brain. *Journal of Neuroendocrinology*, **11**:621-627.
8. **Romeo, R. D.**, Diedrich, S. L., Sisk, C. L. (2000). The effects of gonadal steroids during puberty on androgen and estrogen receptor- α immunoreactivity in the hypothalamus and amygdala. *Journal of Neurobiology*, **44**:361-368.
9. **Romeo, R. D.** and Sisk, C. L. (2001). Pubertal and seasonal plasticity in the amygdala. *Brain Research*, **889**:71-77.
10. **Romeo, R. D.**, Cook-Wiens, E., Richardson, H. N., and Sisk, C. L. (2001). Dihydrotestosterone activates sexual behavior in adult male hamsters but not juveniles. *Physiology & Behavior*, **73**:579-584.
11. **Romeo, R. D.**, Wagner, C. K., Jansen, H. T., Diedrich, S. L., and Sisk, C. L. (2002). Estradiol induces hypothalamic progesterone receptors, but does not activate mating behavior in males prior to puberty. *Behavioral Neuroscience*, **116**:198-205.
12. **Romeo, R. D.**, Richardson, H. N., and Sisk, C. L. (2002). Puberty and the maturation of the male brain and sexual behavior: recasting a behavioral potential. *Neuroscience & Biobehavioral Reviews*, **26**: 381-391.
13. **Romeo, R. D.**, Mueller, A., Sisti, H. M., Ogawa, S., McEwen, B. S., and Brake, W. G. (2003). Anxiety and fear behaviors in adult male and female C57BL/6 mice are modulated by maternal separation. *Hormones and Behavior*, **44**:561-567.
14. **Romeo, R. D.**, Schulz-Wilson, K. M., Nelson, A. L., Menard, T. A., and Sisk, C. L. (2003). Testosterone, puberty, and the pattern of male aggressive behavior in Syrian hamsters. *Developmental Psychobiology*, **43**:102-108.
15. Tang, A. C., Reeb, B. C., **Romeo, R. D.**, McEwen, B. S. (2003). Modification of social memory, hypothalamic-pituitary-adrenal axis, and brain asymmetry by neonatal novelty exposure. *Journal of Neuroscience*, **23**:8254-8260.

16. Schulz K. M., Richardson H. N., **Romeo R. D.**, Morris J. A., Lookingland K. J., and Sisk C. L. (2003). Medial preoptic area dopaminergic response to female pheromones develop during puberty in the male Syrian hamster. *Brain Research*, **988**:139-145.
17. Choi, J. M., **Romeo, R. D.**, Brake, W. G., Bethea, C. L., Rosenwaks, Z., and McEwen B. S. (2003). Estradiol increases pre- and post-synaptic proteins in the CA1 region of the hippocampus in female rhesus macaques (*Macaca mulatta*). *Endocrinology*, **144**:4734-4738.
18. **Romeo, R. D.** (2003). Puberty: a period of both organizational and activational effects of steroid hormones on neurobehavioural development. *Journal of Neuroendocrinology*, **15**:1185-1192.
19. Richardson, H. N., Gore, A. C., Venier, J., **Romeo, R. D.**, and Sisk, C. L. (2004). Increased expression of forebrain GnRH mRNA and changes in testosterone negative feedback following pubertal maturation. *Molecular and Cellular Endocrinology*, **214**:63-70.
20. **Romeo, R. D.** and McEwen B. S. (2004). Sex differences in steroid-induced synaptic plasticity. In V. M. Miller and M. Hay (Eds.), *Advances in Molecular and Cell Biology: Principles of Sex-Based Differences in Physiology*, Elsevier Science, London **34**:247-258.
21. Li, C. Brake, W. G., **Romeo, R. D.**, Dunlop, J. C., Gordon, M., Buzescu, R., Margarinos, A. M., Allen, P. Greengard, P. Luine, V., and McEwen, B. S. (2004). Estrogen treatment alters hippocampal dendritic spine shape, enhances synaptic protein immunoreactivity and performance in a spatial working memory task in female C57BL/6J mice. *Proceedings of the National Academy of Sciences*, **101**:2185-2190.
22. **Romeo, R. D.**, Lee, S. J., Chhua, N., McPherson, C. R., and McEwen, B. S. (2004). Testosterone cannot activate an adult-like stress response in prepubertal male rats. *Neuroendocrinology*, **79**:125-132.
23. **Romeo, R. D.**, and McEwen, B. S. (2004). The effects of steroid hormones on the brain. In L. Martini (Ed.) *Encyclopedia of Endocrinology and Endocrine Diseases*, Academic Press, San Diego. Vol 1:414-418.
24. **Romeo, R. D.**, Fossella, J. A., Bateup, H. S., Sisti, H. M., Brake, W. G., and McEwen, B. S. (2004). Maternal separation suppresses TGF α mRNA expression in the prefrontal cortex of male and female neonatal C57BL/6 mice. *Developmental Brain Research*, **152**:73-77.
25. Lee, S. J., **Romeo, R. D.**, Svenningsson, P., Campomanes, C. R., Allen, P. B., Greengard, P. and McEwen, B. S. (2004). Estradiol affects spinophilin protein differently in gonadectomized males and females. *Neuroscience*, **127**:983-988.
26. Richardson, H. N., Nelson, A. L., Ahmed, E. I., Parfitt, D. B., **Romeo, R. D.**, Sisk, C. L. (2004). Female pheromones stimulate release of luteinizing hormone and testosterone

- without altering GnRH mRNA in adult male Syrian hamsters (*Mesocricetus auratus*). *General and Comparative Endocrinology*, **138**:211-217.
27. **Romeo, R. D.**, Lee, S. J., and McEwen, B. S. (2004). Differential stress reactivity in intact and ovariectomized prepubertal and adult female rats. *Neuroendocrinology*, **80**:387-393.
 28. Tang, A. C., Nakazawa, M., **Romeo, R. D.**, Reeb, B., Sisti, H., and McEwen B. S. (2005). Effects of long-term estrogen replacement on social investigation and recognition memory in ovariectomized C57BL/6 mice. *Hormones and Behavior*, **47**:350-357.
 29. **Romeo, R. D.**, Staub, D., Jasnow, A. M., Karatsoreos, I. N., Thronton, J. E., McEwen, B. S. (2005). Dihydrotestosterone increases hippocampal NMDA binding but does not affect choline acetyltransferase cell number in the forebrain or choline transporter levels in the CA1 region of adult male rats. *Endocrinology*, **146**:2091-2097.
 30. Tabori, N. E., Stewart, L. S., Znamensky, V., **Romeo, R. D.**, Alves, S. E., McEwen, B. S., and Milner, T. A. (2005). Ultrastructural evidence that androgen receptors are located at extra nuclear sites in the rat hippocampal formation. *Neuroscience*, **130**:151-163.
 31. **Romeo, R. D.**, Waters, E. M., and McEwen B. S. (2005). Steroid-induced hippocampal synaptic plasticity: sex differences and similarities. *Neural Glia Biology*, **1**:219-229.
 32. **Romeo, R. D.**, (2005). Neuroendocrine and behavioral development during puberty: a tale of two axes. *Vitamins and Hormones*. **71**:1-25.
 33. **Romeo, R. D.**, McCarthy J. B., Wang, A., Milner, T. A., and McEwen B. S. (2005). Sex differences in hippocampal estradiol-induced NMDA binding and ultrastructural localization of estrogen receptor alpha. *Neuroendocrinology*. **81**:391-399.
 34. Priebe, K., **Romeo, R. D.**, Sisti, M. H., Mueller, A., Francis, D. D., McEwen, B. S., and Brake W. G. (2005). Maternal influences on adult stress and anxiety-like behavior in C57BL/6 and BALB/c mice: a cross-fostering study. *Developmental Psychobiology*. **47**:398-407.
 35. **Romeo, R. D.**, Bellani, R., and McEwen B. S. (2005). Pubertal changes in stress-induced progesterone secretion and progesterone receptors in the paraventricular nucleus of male rats. *Stress*. **8**:265-271.
 36. **Romeo, R. D.**, and McEwen, B. S. (2006). The neonatal and pubertal ontogeny of the stress response: implications for adult physiology and behavior. In B. Arnetz and R. Ekman (eds.) *Stress in Health and Disease*, Wiley Publishers, Weinheim, Germany, 165-179.
 37. Karatsoreos, I. N., **Romeo, R. D.**, McEwen, B. S., and Silver, R. (2006). Diurnal regulation of gastrin-releasing peptide receptor in the mouse circadian clock. *European Journal of Neuroscience*. **23**:1047-1053.

38. **Romeo, R. D.**, Bellani, R., Karatsoreos, I. N., Chhua, N., Vernov, M. A., Conrad, C. D., and McEwen B. S. (2006). Stress history and pubertal development interact to shape hypothalamic-pituitary-adrenal axis plasticity. *Endocrinology*, **147**:1664-1674.
39. Akers, K. G., Nakazawa, M., **Romeo, R. D.**, Connor, J. A., McEwen, B. S., and Tang, A. C. (2006). Early life modulators and predictors of adult synaptic plasticity. *European Journal of Neuroscience*, **24**:547-554
40. **Romeo, R. D.**, Karatsoreos, I. N., and McEwen B. S. (2006). Pubertal maturation and time of day differentially affect behavioral and neuroendocrine responses following an acute stress. *Hormones and Behavior*, **50**:463-468.
41. Tang, A. C., Akers, K. G., Reeb, B. C., **Romeo, R. D.**, McEwen, B. S. (2006). Programming social, cognitive, and neuroendocrine development by early exposure to novelty. *Proceedings of the National Academy of Sciences*, **103**:15716-15721.
42. **Romeo, R. D.** and McEwen, B. S. (2006). Stress and the adolescent brain. *Annals of the New York Academy of Sciences*, **1094**:202-214.
43. **Romeo, R. D.**, Karatsoreos, I. N., Ali, F. S., and McEwen, B. S. (2007). The effects of acute stress and pubertal development on metabolic hormones. *Stress*, **10**:101-106.
44. Karatsoreos, I. N., Vernov, M. and **Romeo, R. D.** (2007). Testosterone and the brain: implications for cognition, biological rhythms and aging. In L. I. Ardis (ed.) *Testosterone Research Trends*, Nova Science Publishers, Inc. New York, 91-103.
45. Hunter, R. G., Bellani, R., Bloss, E., Costa, A., **Romeo, R. D.**, and McEwen, B. S. (2007). Regulation of CART mRNA by stress and corticosteroids in the hippocampus and amygdala. *Brain Research*, **1152**:234-240.
46. **Romeo, R. D.**, Karatsoreos, I. N., Jasnow, A. M., and McEwen, B. S. (2007). Age- and stress-induced changes in corticotropin-releasing hormone mRNA expression in the paraventricular nucleus of the hypothalamus. *Neuroendocrinology*, **85**:199-206.
47. Gray J. D., Punsoni, M., Tabori, N. E., Melton, J. T., Fanslow, V., Ward, M. J., Zupan, B., Menzer, D., Rice, J., Drake, C. T., **Romeo, R. D.**, Brake, W. G., Torres-Reveron, A., Milner, T. A. (2007). Methylphenidate administration to juvenile rats alters brain areas involved in cognition, motivated behaviors, appetite and stress. *Journal of Neuroscience*, **27**:7196-7207.
48. Becker, J. B., Monteggia, L. M., Perrot-Sinal, T. S., **Romeo, R. D.**, Taylor, J. R., Yehuda, R., and Bale, T. L. (2007). Stress and disease: is being female a predisposing factor? *Journal of Neuroscience*, **27**:11851-11855.

49. Jasnow, A. M., Mong, J. A., **Romeo, R. D.**, and Pfaff, D. W. (2007). Estrogenic regulation of gene and protein expression within the amygdala of female mice. *Endocrine*, **32**:271-279.
50. **Romeo, R. D.**, Ali, F. S., Karatsoreos, I. N., Bellani, R., Chhua, N., Vernov, M., and McEwen, B. S. (2008). Glucocorticoid receptor mRNA expression in the hippocampal formation in male rats before and after pubertal development in response to acute or repeated stress. *Neuroendocrinology*, **87**:160-167.
51. Spencer, J. L., Waters, E. M., **Romeo, R. D.**, Wood, G. E., Milner, T. A., and McEwen B. S. (2008). Uncovering the mechanisms of estrogen effects on hippocampal function. *Frontiers of Neuroendocrinology*, **29**:219-237.
52. Akers, K. G., Yang, Z., DeVecchio, D. P., Reeb, B. C., **Romeo, R. D.**, McEwen, B. S., and Tang, A. C. (2008). Social competitiveness and plasticity of neuroendocrine function in old age: influence of neonatal novelty exposure and maternal care reliability. *PLoS ONE*. **3**:e2840.
53. Ernst, M., **Romeo, R. D.**, Andersen, S. L. (2009). Neurobiology of the development of motivated behaviors in adolescence: a window into a neural systems model. *Pharmacology, Biochemistry and Behavior*. **93**:199-211.
54. **Romeo, R. D.** (in press). Stress and brain morphology. In G. Koob, R. F. Thompson and M. Le Moal (eds.) *Encyclopedia of Behavioral Neuroscience*, Elsevier, Oxford, United Kingdom.
55. **Romeo, R. D.**, Tang, A. C. and Sullivan, R. M. (in press). Early life experiences: enduring behavioral, neurological and endocrinological consequences. In D. Pfaff, A. Arnold, A. Etgen, S. Fahrbach, and R. Rubin (eds.). 2nd Edition. *Hormones, Brain, and Behavior*, Volume 4, Elsevier, San Deigo, CA.

Invited Colloquium:

Workshop on Steroid Hormones and Brain Function, Breckenridge, CO, 2000

Department of Biology, University of Virginia, 2000

Conference on Borderline Personality Disorder, Basel, Switzerland, 2002

Department of Psychology, SUNY Albany, 2002

Department of Psychology, Columbia University, 2002

Department of Biology, Columbia University, 2003

Department of Psychological and Brain Sciences, Duke University, 2004

Sackler Institute for Developmental Psychobiology, Columbia University Medical School, 2004

Tri-Institute Colloquium, Sloan Kettering, Rockefeller University, Cornell Medical School, 2004

Sackler Institute for Developmental Psychobiology, Cornell University Medical School, 2004

American College of Neuropsychopharmacology, Annual Meeting, San Juan, Puerto Rico, 2004

Department of Psychology, Columbia University, 2005

Conference on Cell-Cell Interactions in Synaptic Plasticity, Wye River, MD, 2005

Conference on Reproductive Behavior and Environmental Pollutants, Stockholm, Sweden, 2005
 Department of Psychology, University of Chicago, 2006
 Pugwash Northeast Regional Conference, New York, NY, 2006
 Society for Behavioral Neuroendocrinology Annual Meeting, Pittsburgh, PA, 2006
 Department of Psychology, Barnard College, 2006
 School of Health Sciences, Hunter College, 2007
 Steroids and the Nervous System, Turino, Italy, 2007
 Department of Psychology, Hunter College, 2007
 Cornell University School of Medicine, 2007
 U.S. Trust and The Barrus Family Foundation, New York, NY, 2007
 Society for Neuroscience, Annual Meeting, San Diego, CA, 2007
 Sackler Institute for Developmental Psychobiology, Cornell University Medical School, 2007
 Sarah Lawrence College, Department of Biology, Bronxville, NY, 2007
 1199SEIU, Continuing Education, Stress in the Workplace Symposium, New York, NY, 2007
 Sackler Institute for Developmental Psychobiology, Columbia University Medical School, 2008
 Workshop on Steroid Hormones and Brain Function, Key Largo, FL, 2008
 Summer Neuroscience Program at Rockefeller University, New York, NY, 2008
 Graduate School Career Seminar, Mount Sinai School of Medicine, New York, NY, 2008
 Adolescent Risk Conference, University of North Carolina, Greensboro, NC, 2009
 Department of Child and Adolescent Psychiatry, New York University, New York, NY 2009
 Dutch Endo-Neuro-Psycho, Annual Meeting, Doorwerth, The Netherlands, 2009
 Endocrine Society, Annual Meeting, Washington, DC 2009

Press Releases and News Coverage:

- *Endocrine News* (March 2006). Stress response in prepubertal vs. adult rats. pg.8
- *The New York Sun* (July, 19 2007). Report: Ritalin may alter children's brain.
- MedicalNewsToday.com (July 2007). New study suggests pediatric Ritalin use may affect developing brain.
- *Journal of Neuroscience* "This Week in the Journal" Vol.27 pg i. Rats on Ritalin.
- *The Scientist* (August 2007). The brain on stress. pg. 52-58.
- Press Conference "The Teenage Brain"; Society for Neuroscience, San Diego, CA, 2007
- BrainWorks The Dana foundation: "Teen brain's ability to learn can have a flip side"
(<http://www.dana.org/news/brainwork>)
- ScienceDaily.com "Why teens are such risk-takers"
(<http://www.sciencedaily.com/releases/2007/11/071107210133.htm>)
- Miller-McCune Magazine "Dealing with stress begins in childhood, with mom's help."
(<http://www.miller-mccune.com/article/565>)
- The Dana Foundation's BrainWork "Stock Market Success May Stem from Prenatal Hormone Levels" (<http://www.dana.org/news/brainwork/detail.aspx?id=19832>)

Conference Presentations:

Edwards, C. A., and **Romeo, R. D.** (1993). Failure to learn matching/mismatching with contingent responding to the instructional cues. *65th Meeting of the Midwestern Psychological Association*, 78.

- Edwards, C. A., and **Romeo, R. D.** (1993). Stimulus effects in acquisition and transfer of matching-to-sample in pigeons. *65th Meeting of the Midwestern Psychological Association*, 130.
- Romeo, R. D.**, Meek, L. R., Novak, C. M., and Sisk, C. L. (1996). Regulation of reproductive behaviors and brain androgen receptor (AR) by testosterone in prepubertal and adult male golden hamsters. *Society for Neuroscience Abstract*, **22**:156.
- Romeo, R. D.**, Wade, J., Venier, J. E., and Sisk, C. L. (1997). Hypothalamic aromatase activity in pre- and post-pubertal male golden hamsters. *29th Meeting of the Conference on Reproductive Behavior*, 127.
- Richardson, H. N., **Romeo, R. D.**, and Sisk, C. L. (1997). Luteinizing hormone releasing hormone immunoreactivity in prepubertal and adult male golden hamsters. *Society for Neuroscience Abstract*, **23**:416.
- Romeo, R. D.**, Diedrich, S. L., and Sisk, C. L. (1997). Estrogen receptor (ER) immunoreactivity in brain areas mediating sexual behaviors in prepubertal and adult male golden hamsters. *Society for Neuroscience Abstract*, **23**:1356.
- Romeo, R. D.**, Parfitt, D. B., Richardson, H. N., and Sisk, C. L. (1998). Pheromonal induction of neuronal activity in prepubertal and adult male hamsters. *2nd Meeting of the Society for Behavioral Neuroendocrinology*, 61.
- Romeo, R. D.**, Wade, J., Venier, J. E., and Sisk, C. L. (1998). Androgenic regulation of hypothalamic aromatase activity in prepubertal and adult male golden hamsters. *Society for Neuroscience Abstract*, **24**:200.
- Parfitt, D. B., Richardson, H. N., **Romeo, R. D.**, Wissman, A. M., and Sisk, C. L. (1998). Quantification of gonadotropin releasing hormone (GnRH) mRNA in the male Syrian hamster during puberty. *Society for Neuroscience Abstract*, **24**:1381.
- Romeo, R. D.**, Wade, J., Venier, J. E., and Sisk, C. L. (1999). Aromatase activity in the amygdala of male Syrian hamsters during pubertal development. *3rd Meeting of the Society for Behavioral Neuroendocrinology*, 147.
- Romeo, R. D.**, Wade, J., Venier, J. E., and Sisk, C. L. (1999). Aromatase activity in the hypothalamus and amygdala of prepubertal and adult male Syrian hamsters. *Michigan Chapter of the Society for Neuroscience*, **30**:21.
- Parfitt, D. B., Thompson, R. C., Richardson, H. N., **Romeo, R. D.**, and Sisk, C. L. (1999). Differential neuroendocrine response to female pheromones in juvenile and adult male Syrian hamsters. *Society for Neuroscience Abstract*, **25**:1453.

- Diedrich, S. L., **Romeo, R. D.**, and Sisk, C. L., (1999). Are there organizational effects of gonadal hormones during puberty on androgen and estrogen receptor cell number in the male Syrian hamster? *Society for Neuroscience Abstract*, **25**:612.
- Romeo, R. D.**, Jansen, H. T., Diedrich, S. L., and Sisk, C. L. (1999). Regulation of mating behavior and estrogen receptor- α (ER- α) by estradiol in prepubertal and adult male Syrian hamsters. *Society for Neuroscience Abstract*, **25**:612.
- Romeo, R. D.** and Sisk, C. L. (2000). The role of estrogen and progesterone receptors in the pubertal maturation of male sexual behavior. *Michigan Chapter of the Society for Neuroscience*, **31**:37
- Richardson, H. N., **Romeo, R. D.**, Venier, J. E., Parfitt, D. B., and Sisk, C. L. (2000). Androgenic regulation of the hypothalamic-pituitary-gonadal axis before and after pubertal development. (*The ICHBB and Society for Behavioral Neuroendocrinology Joint Meeting*). *Trabajos del Instituto Cajal*, **LXXVII**:205-207.
- Romeo, R. D.** and Sisk, C. L. (2000). The effects of puberty on the size of brain areas that mediate male mating behavior. (*The ICHBB and Society for Behavioral Neuroendocrinology Joint Meeting*). *Trabajos del Instituto Cajal*, **LXXVII**:202-204.
- Richardson, H. N., **Romeo, R. D.**, and Sisk, C. L. (2000). Dopaminergic regulation of reproductive behavior in male Syrian hamsters. *Society for Neuroscience Abstract*, **26**:210.
- Romeo, R. D.**, Cook-Wiens, E., Richardson, H. N., and Sisk, C. L. (2000). The effects of dihydrotestosterone on mating behavior and brain androgen receptor (AR) in prepubertal and adult males. *Society for Neuroscience Abstract*, **26**:1276.
- Romeo, R. D.** and Sisk, C. L. (2001). The role of progesterone in the pubertal maturation of male sexual behavior. *Society for Neuroscience Abstract*, **27**:958.9.
- Richardson, H. N., Gore, A., Venier, J., **Romeo, R. D.**, and Sisk, C. L. (2001). Puberty and steroid regulation of gonadotropin releasing hormone (GnRH) mRNA. *Society for Neuroscience Abstract*, **27**:731.11.
- Schulz, K. M., Richardson, H. N., **Romeo, R. D.**, Morris, J., Lookingland, K. J., and Sisk, C. L. (2001). Female pheromones elicit a dopaminergic response in the medial preoptic area (MPOA) in adult but not prepubertal male Syrian hamsters. *Society for Neuroscience Abstract*, **27**:424.8.
- Choi, J. M., **Romeo, R. D.**, Brake, W. G., Bethea, C. L., Rosenwaks, Z. and McEwen, B. S. (2002). Estradiol increases hippocampal syntaxin protein levels in ovariectomized primates. *American Society for Reproductive Medicine. Fertility and Sterility*, **78**(Suppl 1):S3.

- Romeo, R. D.**, Fossella, J. A., Sisti, H. M., Brake, W. G., McEwen, B. S. (2002). The effect of maternal separation on TGF α expression in C57BL/6 mice. *Society for Neuroscience Abstract*, **28**:571.19.
- Menard, T. A., Schulz, K. M., **Romeo, R. D.**, and Sisk, C. L. (2003). Testosterone increases flank marking in adult but not prepubertal male hamsters. *Society for Behavioral Neuroendocrinology Abstract. Hormones and Behavior*, **44**:63-64
- Priebe, K., **Romeo, R. D.**, Sisti, H. M., McEwen, B. S., and Brake, W. G. (2003). Genetic and environmental influences on stress and anxiety in C57BL/6 and BALB/c mice. *Society for Neuroscience Abstract*, **29**.
- Tang, A. C., Nakazawa, M., Reeb, B. C., Sisti, H. M., **Romeo, R. D.**, and McEwen, B. S. (2003). Effects of estrogen replacement on hypothalamic-pituitary-adrenal (HPA) axis, social recognition, and open field behavior. *Society for Neuroscience Abstract*, **29**.
- Romeo, R. D.**, Staub, D., Thronton, J. E., McEwen, B. S. (2003). The influence of dihydrotestosterone (DHT) on hippocampal NMDA binding and forebrain cholinergic activity in adult male rats. *Society for Neuroscience Abstract*, **29**.
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