

Curriculum Vitae

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Education

1993 University of Pittsburgh, Pittsburgh, PA; Ph.D., Behavioral Neuroscience
1987 Allegheny College, Meadville, PA; B.S., Biol. and Psych., magna cum laude

Professional Experience

2008-present Senior Research Specialist/Imaging Core Manager
Dept. of Neuroscience, Johns Hopkins, lab of Dr. Dwight Bergles
2005-2008 Research Associate,
Dept. of Psychiatry, Johns Hopkins, lab of Drs. Kaplin and Kerr
1997-2005 Research Scientist
Dept. of Neurobiology, Duke University, lab of Dr. David Fitzpatrick
1995-1997 Postdoctoral Fellow
Dept. of Neurobiology, Duke University, lab of Dr. David Fitzpatrick
1993-1995 Postdoctoral Fellow
Dept. of Psychiatry, University of Pittsburgh, lab of Dr. David Lewis

Honors and Awards

2007 Montel Williams Multiple Sclerosis Foundation Grant
1995 National Institute of Mental Health Postdoctoral Fellowship
(never activated due to move from Univ. of Pittsburgh to Duke Univ.)
1995 National Institute of Neurological Disorders and Stroke Postdoctoral Training
Grant (NS07370), Duke University
1994-1995 National Institute of Mental Health Postdoctoral Training Grant (MH18903),
University of Pittsburgh
1993-1994 National Institute of Mental Health Postdoctoral Training Grant (MH18273),
University of Pittsburgh
1989-1992 National Institute of Mental Health Predoctoral Fellowship (MH09873)
1988-1989 Mellon Fellow, University of Pittsburgh
1990 Center for Neuroscience, Univ. of Pittsburgh, Travel Award
1989 Women in Neuroscience Travel Award
1986 Phi Beta Kappa, Allegheny College

Publications

Pucak, M.L., Carroll, K.A., Kerr, D.A., and Kaplin, A.I. (2007). Neuropsychiatric manifestations of depression in multiple sclerosis: neuroinflammatory, neuroendocrine, and neurotrophic mechanisms in the pathogenesis of immune-mediated depression. *Dialog. Clin. Neurosci.* 9:125-139.

- Pucak, M.L. and Kaplin, A.I. (2005). Unkind cytokines: current evidence for the potential role of cytokines in immune-mediated depression. *Int. Rev. Psychiatry*, 17:477-483.
- Kerr, D., Krishnan, C., Pucak, M.L., and Carmen, J. (2005) The immune system and neuropsychiatric diseases. *Int. Rev. Psychiatry*, 17:443-449.
- Soloway, A.S., Pucak, M.L., Melchitzky, D.S., and Lewis, D.A. (2002) Dendritic morphology of callosal and ipsilateral projection neurons in monkey prefrontal cortex. *Neurosci.* 109:461-71.
- Bosking, W.H., Kretz, R., Pucak, M.L., and Fitzpatrick, D. (2000) Ipsilateral visual field representation and specificity of callosal connections in tree shrew striate cortex. *J. Neurosci.* 20: 2346-2359.
- Melchitzky, D.S., Sesack, S.R., Pucak, M.L., and Lewis, D.A. (1998) Synaptic targets of pyramidal neurons providing intrinsic horizontal connections in monkey prefrontal cortex. *J. Comp. Neurol.* 390:211-224.
- Woo, T.-U., Pucak, M.L., Kye, C.H., Matus, C.V., and Lewis, D.A. (1997) Peripubertal refinement of the intrinsic and associational circuitry in monkey prefrontal cortex. *Neuroscience* 80: 1149-1158.
- Walters, J.R. and Pucak, M.L. (1996) The modulation of midbrain dopaminergic systems by GABA. In *The Modulation of Dopaminergic Neurotransmission by Other Neurotransmitters*, C.R. Ashby, Jr., ed., CRC Press.
- Pucak, M.L., Levitt, J.B., Lund, J.S., and Lewis, D.A. (1996) Patterns of intrinsic and associational circuitry in monkey prefrontal cortex. *J. Comp. Neurol.* 376:614-630.
- Pucak, M.L. and Grace, A.A. (1996) Effects of haloperidol administration on nigral dopamine neuron activity in vitro. *Brain Res.* 713: 44-52.
- Pucak, M.L. and Grace, A.A. (1994) Regulation of dopamine neurons in the substantia nigra. *Crit. Revs. Neurobiol.* 9: 67-89.
- Pucak, M.L. and Grace, A.A. (1994) Activation of dopamine neurons by dopamine antagonists: Evidence for tonic regulation by dendritically released dopamine. *J. Pharmacol. Exp. Ther.* 271: 1181-1192.
- Onn, S.-P., Pucak, M.L., and Grace, A.A. (1993) Lucifer yellow dye labeling of living nerve cells and subsequent immunoperoxidase staining with Lucifer yellow antiserum. In *Neuroscience Protocols*, Elsevier, pp. 93-050-17-01 – 93-050-17-14.
- Pucak, M.L. and Grace, A.A. (1991) Partial dopamine depletions result in an enhanced sensitivity of residual dopamine neurons to apomorphine. *Synapse* 9: 144-155.