**Govindarajan Ramesh, Ph.D.**

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## A. Professional Preparation

| Degree | Year | University | Major |
|---|---|---|---|
| Ph.D. | 1992 | University of Madras | Biotechnology/Biochemistry |
| M.S. | 1987 | MS University | Biotechnology |
| B.S. | 1985 | Bharathiar University | Biochemistry |

## B. Appointments

2007-present Associate Professor, Department of Biology, Center for Biotechnology & Biomedical Sciences, Norfolk State University, Norfolk, VA

2001-2007 Associate Professor, Molecular Neurotoxicology Laboratory, Dept of Biology, College of Science & Technology, Texas Southern University, Houston, TX
Director, Proteomics Core Facility, College of Pharmacy & Health Science, Texas Southern University, Houston, TX

1996-2001 Assistant Professor Research, College of Pharmacy & Health Sciences, Texas Southern University, Houston, TX

## C. Selected Peer Reviewed Publications: *Over 45 papers in peer reviewed scientific journals*

Most Closely Related to the Proposed Project:

1. Poonam S, Sarkar S, Ramesh V, Kim H, Barns S, Kulkarni A, Hall JC, Thomas R, Wilson BL, Pellis N and Ramesh GT (2008) Proteomic Analysis of Mouse Hypothalamus under Simulated Microgravity. J Neurochem Res, In Press.
2. Sharma SC, Sarkar S, Preyakaruppan A, Sadanandan B, Ravichandran P, Ramesh V, Thomas RL, Hall JC, Wilson BL and Ramesh GT. (2008) Simulated Microgravity Activates Apoptosis and NF [kappa]B in Mice Testis. Mol and Cell Bio, In Press.
3. Taga M, Yamauchi K, Odle J, Furian L, Sundaresan A, Ramesh GT, Pellis NR, Andrassy RJ and Kulkarni AD (2007) Melanoma Growth and Tumorigenicity in Models of Microgravity. Aviat Space Environ Med. 77: 1113-16.
4. Poonam S, Sarkar S, Hayes B, Ramesh V, Thomas R, Wilson BL, Kim H, Barns S, Kulkarni A, Pellis N and Ramesh GT (2006) Proteomic Analysis of Mice Hippocampus in Simulated Microgravity Environment. J of Proteome Research 5, 548-53.
5. Wise K, Manna S, Yamakuchi K, Ramesh V, Wilson BL, Thomas R, Sarkar S, Kulkarni, A, Pellis NR and Ramesh GT. (2006) Activation of Activator Protein-1 in Mouse Brain Regions Exposed to Simulated Microgravity. In Vitro Cell Dev Biol-Animal, 42(3-4):96-99.
6. Wise K, Manna S, Yamakuchi K, Ramesh V, Wilson BL, Thomas R, Sarkar S, Kulkarni, A Pellis NR and Ramesh GT. (2005) Activation of Nuclear Transcription Factor kappa-B in Mouse Brain Induced by A Simulated Microgravity Environment. In Vitro Cell and Dev Biol 41, 118-23.
7. Kulkarni AD, Yamauchi K, Sundeaesan A, Ramesh GT and Pellis NR. (2005) Counter-measure For Space Flight Effects On Immune System: Nutritional Nucleotides. Gravi & Space Bio, 18(2), 101-02.

## D. Synergistic Activities

*Editorial Board:* Journal of Nanoscience & Nanotechnology- Associate Editor

*Grant Reviewer:* National Science Foundation; Phillip Morris Research Foundation; Texas Emerging Technology Fund; US Army; Department of Defense