

PhD Program graduates: 1990-1999

1985-1990 Carmella M. DeRose Whaley, Ph.D. *Inhibition of conjugal and molecular genetic recombination by oxidative damage*

1984-1991 S. Thomas Deahl III, Ph.D. *Exogenous Antioxidants as Radioprotectors of and Endogenous Antioxidant Enzyme Profiles in Bone*

1985-1991 James H. Elwell, Ph.D. *The effect of tumor necrosis factor alpha on antioxidant enzyme expression*

1985-1992 Gregg A. Cohen, Ph.D. *Development, validation, and application of gray-scale phantom materials for image classification of multi-spin-echo magnetic resonance imaging of the brain*

1988-1993 Kirk R. Baumgardner, Ph.D. *Characterization of hypoxia in rat pulp, periapical tissues and pulpal inflammation demonstrated by 3H-misonidazole retention*

Jian Jian Li 1990-1994, Ph.D. *Phenotypic changes induced in human breast cancer cells by overexpression of manganese-containing superoxide dismutase*

Beth A. Jurkiewicz-Lange 1991-1995, Ph.D. *The role of free radicals, iron, and antioxidants in ultraviolet radiation-induced skin damage*

1987-1995 Lisa A. Ridnour, Ph.D. *MnSOD overexpression suppresses tumor growth and decreases metastatic potential in a malignant rat cell line*

1992-1996 Rugao Liu, Ph.D. *The effects of manganese superoxide dismutase and endothelial nitric oxide synthetase overexpression on tumor biology of human oral carcinoma SCC-25 cells*

1991-1994, M.S., 1994-1996, Ph.D Shalini Narayana. *Construction of a flow based phantom and its application in Positron Emission Tomography using (15O)water*

1990-1997 Jarunee Thongphasuk, Ph.D. *Manganese Induced Manganese Containing Superoxide Expression and Apoptosis in Human Breast Cancer*

1998 Ernest W.N. Lam, Ph.D. *Immunolocalization and adenoviral vector-mediated gene transfer of antioxidant enzymes in experimental oral tumors*

1994-1998 Jianglan (Hannah) Zhang, Ph.D. *Comparison of effects of two polymorphic variants of manganese-containing superoxide dismutase on human breast MCG-7*

1995-1999 Yuanhui Huang, Ph.D. *Investigation of the mechanisms of transcriptional regulation of the SOD2 gene: Role of DNA methylation and transcription factor AP-2*

1994-1999 (Steven) Yue Qian, Ph.D. *Detection of lipid-derived radicals from PUFA, LDL, and Cell Oxidations: An EPR spin trapping study*

1996-1999 Shijun Li, Ph.D. *The Role of Cellular Glutathione Peroxidase Redox Regulation in the Suppression of Tumor Cell Growth by Manganese Superoxide Dismutase*