# PhD Program Graduates: 2010-2019

2006-2010, Leena Chaudhu, Ph.D. *Manganese Superoxide Dismutase (MnSOD) 3'-Untranslated Region: A Molecular Sensor for Environmental Stress*.

2006-2011, Adam Case, Ph.D. *The Role of Mitochondrial Superoxide In The Development of The Mammalian Hematopoietic System*.

2006-2011, Peter Scarbrough, Ph.D. *Inhibitors of Glucose and Hydroperoxide Metabolism Potentiate 17AAG-Induced Cancer Cell Killing Via Metabolic Oxidative Stress*.

2005-2011, Oksana Zagorodna, Ph.D. *Bcl-2 family members regulate the sensitivity to 2-deoxy-D-glucose in lymphomas*.

2006-2011, Yueming Zhu, Ph.D. *Exposure of Polychlorinated Biphenyl (PCB) and Its Role In Cytotoxicity and Oxidative Stress*.

2008-2012, Mitchell Coleman, Ph.D. *Sirtuin 3 is a critical regulator of liver superoxide metabolism during early and late effects of whole body irradiation*.

2008-2012, Maneesh Kumar, Ph.D. *MicroRNA-302 as a Redox Sensitive Regulator of ARID4a and CCL5*.

2006-2012, Sih-han (Janice) Wang, Ph.D. *Regulation of Mitochondrial Fate and Cellular Metabolism Via Parkin-Medicated Mitophagy and Interaction Between Apoptosis and Autophagy Pathways in Cancer*.

2007-2012, Jordan Witmer, Ph.D. *Quantitative Analysis and Modeling of Redox Networks in Biology*.

2008-2013, Anthony Cyr, Ph.D. *Predicting Plasma Ascorbate Levels Upon Infusion and Biochemical Implications for Glucose-6-Phosphate Dehydrogenase*.

2009-2013, Jaimee Eckers (Kubatzke), Ph.D. *SEPP1 and FoxM1 Regulate Oxidative-Stress Mediated Radiation Response*.

2009-2013, Gaowei Mao, Ph.D. *The Role of MnSOD and Sirtuin 3 in Thymocyte Responses to Radiation and Lymphomagenesis*.

2009-2013, Malvika Rawal, Ph.D. *Manganoporphyrins as adjuvants to enhance pharmacological ascorbate in pancreatic cancer therapy*.

2009-2014, Chao (Jeffrey) He, Ph.D. *Fibrosis Development Requires Mitochondrial Cu,Zn-SOD-Mediated Macrophage Polarization*.

2010-2014, Kelley Salem, Ph.D. *BTZ resistance in multiple myeloma: a role for redox enzymes*.

2010-2014, Wusheng Xiao, Ph.D. *Polychlorinated biphenyls exposure and metabolic oxidative stress*.

2010-2015, Kyle Kloepping, Ph.D. *Mitochindria-Targeted Therapy for Metastatic Melanoma*.

2012-2016, Jessica Reedy, Ph.D. *Pyridinium Derivatives for Metastatic Melanoma Therapy*.

2012-2017, John Lafin, Ph.D. *Methylseleninic Acid Induces Lipid Peroxidation and Sensitizes Head and Neck Cancer Cells to Radiation Therapy*.

2013-2017, Joshua Schoenfeld, Ph.D. *The Role of Redox Active Iron Metabolism in the Selective Toxicity of Pharmacological Ascorbate in Cancer Therapy*.

2012-2017, Jyungmean Son, Ph.D. *Age-Associated Metabolic Reprogramming, Oxidative Stress Response, and Cancer Progression*.

2013-2018, Madelyn Espinosa (Espinosa-Cotton), Ph.D. *Interleukin-1 Signaling Contributes to the Anti-tumor Efficacy of Cetuximab in Head and Neck Squamous Cell Carcinoma*.

2012-2018, Somya Kapoor, Ph.D. *The role of cellular redox imbalance, ER-Stress, and Autophagy in adaptation of metastatic melanoma to MAPK-pathway inhibition*.

2014-2018, Paige Kluz, Ph.D. *The multifaceted roles of CD177 in mammary tissue development and breast cancer*.