

PEER- REVIEWED PUBLICATIONS

- Cook, Katherine L., Soto-Pantoja, David R., **Clarke, Pamela A.G.**, et al., Endoplasmic Reticulum Stress Protein GRP78 Modulates Lipid Metabolism to Control Drug Sensitivity and Antitumor Immunity in Breast Cancer. *Cancer Research*; 76(19); 5657-70, 2016
- Cook, Katherine L, **Clarke, Pamela AG**, Parmar, Jignesh et al. Knockdown of estrogen receptor- α induces autophagy and inhibits antiestrogen-mediated unfolded protein response activation promoting ROS-induced breast cancer cell death. *FASEB J*, pii:fj.13-247353, 2014
- Cook, Katherine L, Warri A, Soto-Pantoja David R, **Clarke, Pamela A G**, Cruz, MI, Zwart, A, Clarke, Robert. Hydroxychloroquine inhibits autophagy to potentiate anti estrogen responsiveness in ER + breast cancer. *Clinical Cancer Research*, 20 (12): 3222-32, 2014
- Cook, Katherine L, **Clarke, Pamela A G**, Clarke, Robert Targeting glucose-regulated Protein 78 and antiestrogen resistance in breast cancer. *Future Medicinal Chemistry*. 5(9):1048-1057, 2013.
- Cook, Katherine L, Soto-Pantoja David R, Abu-Asab, Mones, **Clarke, Pamela A G**, Roberts, David D, Clarke, Robert L. Mitochondria directly donate their membrane to form autophagosome during a novel mechanism of parkin-associated mitophagy. *Cell & Bioscience*. 4(1): 16, 2014
- Parmar, Jignesh, Cook, Katherine L, Shajahan-Haq, Ayesha, **Clarke, Pamela AG**, Tavassoly, Iman, Clarke, Robert, Tyson, John R, Bauman William T. Modeling the effect of GRP78 on anti-estrogen sensitivity and resistance in breast cancer. *Interface Focus* 2013 ,3, June 25, 2013
- Wang, Songping, **Clarke, Pamela A.G.**, Davis, Roderick, Mumuni, Salma, Kwabi-Addo, Bernard. Sex steroid-induced DNA methylation changes and inflammation response in prostate cancer. *Cytokine*. 2016 Oct; 86:110-8. Aug 5, 2016.

GRANTS

- INSTEM Program. National Science and Technology Medals Program, Principal Investigator , **2020 -present (\$.367,000)**
- Accelerating Precision Health, Chan Zuckerberg Initiative, Principal Investigator, **2022 – Present (\$11,500,000).**