Publications

Shirsath, K., Joshi, A., Vohra, A., & Devkar, R. HSP60 knockdown exerts differential response in endothelial cells and monocyte derived macrophages during atherogenic transformation. (Manuscript submitted)

Shirsath, K., Joshi, A., Vohra, A., & Devkar, R. Chronic photoperiodic manipulation induced chronodisruption upregulates HSP60 during early pro-atherogenic remodeling in thoracic aorta of C57BL/6J mice. (Manuscript submitted)

Devkar, R., Thadani, J., Sanghvi, S., Lagu, K., & **Shirsath K**. (2020) C*uminum cyminum* prevents lipotoxicity and apoptosis but Cuminaldehyde Fails to Do So: A Study on Mouse Macrophage (RAW 264.7) Cells. *The Natural Products Journal*, 10: 333 - 339. https://doi.org/10.2174/2210315509666190624130123

Devkar, R., Lagu, K., Thadani, J., & **Shirsath, K**. (2018). Cuminum cyminum methanolic extract prevents oxidative modification of low density lipoproteins: Preliminary evidence on its anti-atherosclerotic potential. *The Journal of Phytopharmacology*, 7(1): 79-83

Shirsath, K., & Devkar, R. (2018). Heat Shock Protein (HSP) 60 Overexpression is Associated with Atherogenic Changes in HUVEC and THP-1 Cells. Atherosclerosis Supplements, 32, 101.

Publications from Collaboration

Khanvilkar, P., Pulipaka, R., **Shirsath, K**., Devkar, R., & Chakraborty, D. (2019). Binuclear ruthenium (II) complexes of 4, 4′-azopyridine bridging ligand as anticancer agents: synthesis, characterization, and in vitro cytotoxicity studies. *Journal of Coordination Chemistry*, 72(16), 2617-2635.

Njayou, F., Joshi, A., Upadhyay, K., **Shirsath, K**., Devkar, R., & Moundipa, P. (2019). The anti-aging potential of medicinal plants in Cameroon-Harungana madagascariensis Lam. and Psorospermum aurantiacum Engl. prevent in vitro ultraviolet B light-induced skin damage. *European Journal of Integrative Medicine*, 29, 100925.

Khanvilkar, P., Pulipaka, R., **Shirsath, K**., Devkar, R., & Chakraborty, D. (2019). Organometallic binuclear Ru (II) complexes: Design, synthesis, DNA/BSA binding interactions and in-vitro cytotoxicity against HeLa cell line. *Inorganic Chemistry Communications*, 102, 134-140.