

Publications

- **Shukla, N.** and Kolthur-Seetharam, U., 2020. Drosophila Sirtuin-6 mediates developmental diet dependent programming of adult physiology and survival. (***under revision at Aging Cell***)
- **Shukla, N.**, Kadam, S., Padinhateeri, R. and Kolthur-Seetharam, U., 2020. Continuous variable response, kinetic gating and connectivity that determine topology of insulin signaling are perturbed in hyper-insulinemic states. (***under publication, accepted at PNAS***)
- Chattopadhyay, T., Maniyadath, B., Bagul, H.P., Chakraborty, A., **Shukla, N.**, Budnar, S., Rajendran, A., Shukla, A., Kamat, S.S. and Kolthur-Seetharam, U., 2020. Spatiotemporal gating of SIRT1 functions by O-GlcNAcylation is essential for liver metabolic switching and prevents hyperglycemia. *Proceedings of the National Academy of Sciences*, 117(12), pp.6890-6900.
- Maniyadath, B.*, **Shukla, N.*** and Kolthur-Seetharam, U., 2018. Gene Expression, Epigenetics and Aging. *Biochemistry and Cell Biology of Ageing: Part I Biomedical Science*. (*equal contribution)
- Deota, S.*, **Shukla, N.*** and Kolthur-Seetharam, U., 2017. Spatio-Temporal Control of Cellular and Organismal Physiology by Sirtuins. *Journal of the Indian Institute of Science*, 97(1), pp.147159. (*equal contribution)