

## ***Selected Publications***

Kulkarni, A. A., Sajith, A. M., Duarte, T. T., Tena, A., Spencer, C. T., Bowen, J. P. "Design, synthesis, and screening of sulfonylurea-derived NLRP3 inflammasome inhibitors" *Medicinal Chemistry Research*, **2020**, 29, 126-135.  
(<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7223447/>)

Balasubramanian, A., Pilankatta, R., T., Teramoto, T., Sajith, A. M., Nwulia, E. A., Kulkarni, A. A., Padmanabhan, R. "Inhibition of dengue virus by curcuminoids" *Antiviral Research*, **2019**, 162, 71-78.  
(<https://www.sciencedirect.com/science/article/pii/S0166354218303875>)

Xu, Q.; Kulkarni, AA; Sajith, AM; Hussein, D.; Brown D; Guner, OF; Reddy, MD; Watkins EB; Lassegue, B.; Griendling, KK; Bowen, JP, "Design, synthesis, and biological evaluation of inhibitors of NADPH oxidase, NOX4" *Journal of Bioorganic Medicinal Chemistry*, **2018**, 26, 989-998.  
(<https://www.ncbi.nlm.nih.gov/pubmed/29426628>)

Lin, X., Kont, Y., DeMarino, C., Ammosova, T., Kulkarni, A., Kumari, N., Jerebtsova, M., Vasquez-Meves, G.; Ivanov, A., Kovalskyy, D., Uren, A., Kashanchi, F., "Inhibition of HIV-1 infection in humanized mice and metabolic stability of protein phosphatase-1-targeting small molecule 1E7-03" *Oncotarget*, **2018**, 8, 76749-76769.  
(<https://www.ncbi.nlm.nih.gov/pubmed/29100346>)

Adzhubei, A. A., Anashkina, A. A., Tkachev, Y. V., Kravatsky, Y. V., Shitova, M.S., Pushkarsky, T., Kulkarni, A., Makarnov, A. A., Bukrinsky, M. I.; "Modeling interactions between HIV-1 NEF and calnexin" *AIDS*, **2018**, 32, 2103-2111.  
(<https://www.ncbi.nlm.nih.gov/pubmed/30005006>)

Balasubramanian, A., Teramoto, T., Kulkarni, A. A., Bhattacharjee, A. K., Padmanabhan, R. "Antiviral activities of selected antimalarials against dengue virus type 2 and Zika virus" *Antiviral Research*, **2017**, 137, 141-150.