

Publication list

1. Iniyan, A. M., Sudarman, E., Wink, J., Kannan, R. R., & **Vincent, S. G. P.** (2018). *Ala-geninthiocin, a new broad spectrum thiopeptide antibiotic, produced by a marine Streptomyces sp. ICN19. The Journal of Antibiotics*.doi:10.1038/s41429-018-0115-2.
2. Pitchai A, Nagasundaram N, Vincent SGP, Rajaretinam RK, Zebrafish bio-assay guided isolation of human acetylcholinesterase inhibitory trans-tephrostachin from *Tephrosia purpurea* (L.) Pers, Neuroscience Letters (2018), <https://doi.org/10.1016/j.neulet.2018.09.058>.
3. AM Iniyan, RR Kannan, FJ Joseph, TRJ Mary, M Rajasekar, Puthenpurayi, C Sumy, AM Rabel, D Ramachandran, SGP Vincent, 2017, In vivo safety evaluation of antibacterial silver chloride nanoparticles from *Streptomyces exfoliatus* ICN25 in Zebrafish embryos. *Microbial pathogenesis*, 112;76-82.
4. Ponnuswamy Vijayaraghavan, P Rajendran, Prakash Vincent, Samuel Gnana, Arumugaperumal Arun, Naif Abdullah Al-Dhabi, Mariadhas Valan Arasu, Oh Young Kwon, Young Ock Kim, 2017, Novel sequential screening and enhanced production of fibrinolytic enzyme by *Bacillus* sp. IND12 using response surface methodology in solid-state fermentation, *BioMed research international*, 2017.
5. Iniyan AM, Thakaraj Rajam Jabila Mary, Francis-Joseph Rosemary Sharmila Joseph, Rajaretinam Rajesh Kannan, Vincent SGP (2016) Cell wall distracting antimethicillin resistant *Staphylococcus aureus* compound PVI331 from a marine sponge associated *Streptomyces*. *Journal of Applied Biomedicine*, 14(4): 273–283.
6. P Vijayaraghavan, SGP Vincent, GS Dhillon. 2016. Solid-substrate bioprocessing of cow dung for the production of carboxymethyl cellulase by *Bacillus halodurans* IND18. *Waste Management* 48, 513-520.
7. Ponnuswamy Vijayaraghavan, Arumugaperumal Arun, Naif Abdullah Al-Dhabi, Samuel Gnana Prakash Vincent, Mariadhas Valan Arasu, Ki Choon Choi, 2016, Novel *Bacillus subtilis* IND19 cell factory for the simultaneous production of carboxy methyl cellulase and protease using cow dung substrate in solid-substrate fermentation, *Biotechnology for biofuels*, 9(1);73.
8. Ponnuswamy Vijayaraghavan, Vincent SGP, Mariadhas Valan Arasu, Naif Abdullah Al-Dhabi. 2016, Bioconversion of agro-industrial wastes for the production of

fibrinolytic enzyme from *Bacillus Halodurans* IND18: Purification and biochemical characterization. *Electronic Journal of Biotechnology*, vol. 20, pp. 1–8, 2016.

9. Kalaiarasi S, Arjun P, Nandhagopal S, Brijitta J, Iniyan AM, Vincent SGP, Kannan RR. (2016) Development of biocompatible nanogel for sustained drug release by overcoming the Blood Brain Barrier in zebrafish model. *Journal of Applied Biomedicine* 14(2); 157-169.
10. Kannan RR, Iniyan AM, Vincent SGP (2015) Chemical genetic effects of *Sargassum wightii* during embryonic development in zebrafish. *Indian Journal of Pharmacology*. 47(2):195-198.
11. Kannan RR, Iniyan AM and Vincent SGP (2014) Production of a compound against Methicillin Resistant *Staphylococcus aureus* (MRSA) from *Streptomyces rubrolavendulae* ICN3 and its evaluation in zebrafish embryos. *Indian Journal of Medical Research* 139: 165-172.
12. Kannan RR, Iniyan AM and Vincent SGP (2014) Production of a compound against Methicillin Resistant *Staphylococcus aureus* (MRSA) from *Streptomyces rubrolavendulae* ICN3 and its evaluation in zebrafish embryos. *Indian Journal of Medical Research* 139: 165-172.