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### Citation on the Research Work of Prof. Ravishankar Ramachandran

Prof. Ravishankar has made significant contributions in the area of fundamental biomedical research and drug development. His work critically contributed to elucidate the molecular basis of Feast/Famine regulation and DNA Base Excision Repair (BER) in mycobacteria. He has elegantly used rational approaches to identify novel inhibitors with therapeutic potential that target these pathways. As a Nodal scientist, Ravishankar spearheaded a pan-CSIR antiviral project on drug target discovery, assay development and repurposing against SARS-Cov2. Importantly, he led a team that successfully completed "*Phase III, Randomized, Double-blind, Placebo controlled trial of Efficacy, Safety and Tolerability of Antiviral drug Umifenovir*" in association with three renowned medical universities/ hospitals. Umifenovir is a drug candidate for repurposing against SARS-Cov2 and Ravishankar has also provided the molecular mechanisms of Umifenovir-mediated virus clearance.



(Prof. Tapas K. Kundu)