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आई सी एम आर - राष्ट्रीय विषाणु विज्ञान संस्थान

स्वास्थ्य अनुसंधान विभाग
स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार

ICMR - NATIONAL INSTITUTE OF VIROLOGY

Department of Health Research
Ministry of Health & Family Welfare, Govt. of India

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TO WHOM IT MAY CONCERN


Dengue (DENV) and chikungunya (CHIKV) viruses and their co-infections have emerged as major public health threats in many tropical and sub-tropical regions including India. While the vaccines against these important pathogens are under preclinical development, there is no effective antiviral as well.

Dr. Deepti has significantly contributed in development of novel antivirals against DENV and CHIKV. This includes, novel small molecule inhibitor, active principles of plant extracts, nanoparticles and siRNAs. Besides providing mechanistic insights, she has demonstrated their preclinical efficacy in animal models. Her work on antivirals is exemplified by at least 16 high impact publications in the field of antivirals and one patent. It is further planned to evaluate the antiviral efficacy of these candidate drugs in clinical trials.

The prestigious award by Sun Pharma will definitely encourage her and will serve as a trigger to optimally exploit her skill and talent to develop and commercialize antiviral against these important diseases. This is likely to significantly contribute to the health sector of India.

Dr Deepti is highly proficient in various aspects of Virology, especially antiviral drugs. As an amiable person, she is the most liked scientist in our institute and works exceptionally well as a team member on multiple projects by sharing her experience and knowledge. With all the qualities of success, she has demonstrated in the past years, she has been among the top 5% of scientists at NIV.

I therefore recommend Dr. Deepti Parashar for Sun Pharma Science Foundation Research Fellowship with my highest level of enthusiasm. I reiterate my endorsement of the applicant and request a favourable perusal of her case. Please do not hesitate to contact me if you have any questions or concerns about Dr Deepti's application.


19/8/24

Naveen Kumar

Director