

SRM COLLEGE OF PHARMACY
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

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To Whom It May Concern:

I am writing to formally certify that the research work presented in the thesis titled "Computational Therapeutic Repurposing of Tavaborole Targeting Arginase-1 for Venous Leg Ulcer" has been conducted by Naveen Kumar V under my supervision. Naveen Kumar V has undertaken this research as part of their Ph.D degree program at SRM Institute of Science and Technology, and I have closely monitored and reviewed the work throughout its development.

The research involves the computational exploration of tavaborole, a drug traditionally used for fungal infections, to repurpose it for targeting arginase-1 in the treatment of venous leg ulcers. This innovative approach aims to identify new therapeutic applications for an existing drug, potentially offering novel treatment options for this challenging condition.

Naveen Kumar V has demonstrated exceptional skills in computational analysis, drug repurposing methodologies, and has contributed valuable insights into the therapeutic potential of tavaborole. Their work has been conducted with high academic rigor and has produced significant findings in the field of therapeutic repurposing.

The significance of this research is underscored by its potential impact on treatment strategies for venous leg ulcers. Naveen Kumar V's findings could pave the way for further experimental validation and clinical application, highlighting their contribution to advancing knowledge in this area.

The significance of this research is highlighted by the following citation:

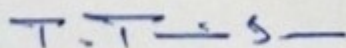
Citation:

Naveen Kumar V, TAMILANBAN T*, "Computational therapeutic repurposing of tavaborole targeting arginase-1 for venous leg ulcer," Computational Biology and Chemistry, 111, 108112, 2024. DOI: 10.1016/j.combiolchem.2024.108112.

I fully endorse Naveen Kumar V for the Sun Pharma Science Foundation Science Scholar Fellowships-2024, and I am confident that their research will continue to have a meaningful impact in the field.

Should you require any further information or clarification regarding this research work, please do not hesitate to contact me.

Sincerely,



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