THE UNIVERSITY OF TENNESSEE CHATTANOOGA
COLLEGE OF ENGINEERING & COMPUTER SCIENCE

The award committee,
Sun Pharma Science Foundation Research Awards - 2023.

27th July, 2023

Nomination Letter for Dr. Jaison Jeevanandam

I am pleased to nominate Dr. Jaison Jeevanandam for 'Sun Pharma Science Foundation Research Awards - 2023'. I was Jaison's main supervisor during his doctoral studies and this provided the opportunity for us to interact and work together at Curtin University, Malaysia. Jaison is very enthusiastic about nanoscience and nanomaterial research and has made significant contributions in the field of nanomedicine and pharmaceutical science.

Jaison's doctoral research focused on 'Enhanced synthesis of magnesium oxide nanoparticles to reverse insulin resistance in type 2 diabetes', a body of research which has immediate applications in the use of nanomaterials to generate new and improved pharmaceuticals for diabetes treatment. Notwithstanding the limited resources, Jaison completed his doctoral research on time and published his findings in reputable journals. Presently, he has published 6 edited books, 2 monographs, 66 papers in peer-reviewed ISI-indexed journals, 66 book chapters, and few conference papers in the area of nanomaterial synthesis and application (H-index of 26 and total citation of 5034). This level of achievement is outstanding relative to opportunity, indicating his exemplary research calibre and productivity in the field of bionanomaterials and pharmaceutical science. He is good at generating and implementing innovative ideas to solve real-world problems. He also served as a co-supervisor for 8 undergraduate students on several projects ranging from synthesis of metal oxide nanoparticles to antibacterial activity of metal oxide nanoparticles during his doctoral studies.

After completing his doctoral degree, Jaison worked as a lecturer at the Academy of Competitive Examination and Research Training (ACERT), India, and taught various subjects including Nanochemistry and pharmaceutical sciences. Currently, he is working as a Senior Researcher in Madeira Chemistry Centre (CQM),University of Madeira, Portugal, where he continues to use his research to create new knowledge

and advance nanomaterials for pharmaceutical applications, such as nanomedicines for type 2 diabetes. Further, he has supervised 5 Erasmus students from Czech Republic for the past one year. He has applied for 2 European patents and 1 Australian patent and waiting for its results. He is also setting up a commercial research lab with the help of regional government in Portugal, which will be ready by 2025. I strongly nominate him for this award, which will be an added merit to his portfolio and open more opportunities for him at this stage of his career. If you require any additional information, do not hesitate to contact me. Thank you.

Yours Sincerely,

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