



Birla Institute of Technology & Science, Pilani

Pilani Campus

Department of Pharmacy

Dr. Aniruddha Roy, Associate Professor

Date: August 18, 2023

JUSTIFICATION FOR NOMINATION

To
The Chairperson,
Sun Pharma Science Foundation,

I am hereby nominating Ms Kavya Sree, a PhD Scholar working under my supervision at the Department of Pharmacy, Birla Institute of Technology & Science Pilani, for the Sun Pharma Science Scholar Award, 2023. I have closely observed her outstanding academic and research achievements while supervising her for the past four years at the Department of Pharmacy, Birla Institute of Technology & Science Pilani. Kavya joined my lab in March 2019 as a Project JRF in a collaborative project with INTAS Pharmaceuticals. She is a dedicated and accomplished scholar, and her commitment to advancing scientific knowledge is truly inspiring. Throughout her research journey, she has displayed an exceptional curiosity for learning, innovative thinking, and a remarkable ability to drive impactful discoveries. After completing the JRF project, she began a new project in our lab titled "Development of pH-Sensitive Nanoparticles for the Combined Chemo-Immunotherapy of Cancer." Her research has consistently shown a high level of originality and rigour, as evidenced by her impressive publication record in reputable peer-reviewed journals, including the *Journal of Drug Delivery Science and Technology* (IF: 5.06) and the *Journal of Pharmaceutical Sciences* (IF: 3.8). Beyond her PhD research work, she started a new project almost independently entitled "Novel Synergistic Therapeutic Strategy Targeting PI3K/AKT/mTOR Pathway for GBM," which is currently under communication.

Beyond her research endeavours, Kavya is also active in engaging with fellow scholars, researchers, and collaborators, demonstrating exceptional teamwork and a willingness to contribute to the research community, which enhanced the impact of her research. She is also an outstanding and dedicated leader in mentoring junior researchers along with master's and bachelor's students. She has also significantly contributed to other ongoing projects and, as a co-author, published four research articles [*Journal of Controlled Release* (IF: 11.46); *European Polymer Journal* (IF: 6.0); *Materials Science and Engineering: C* (IF: 7.38); and *ACS Applied Biomaterials* (IF: 4.7)]. Her research has the potential to address critical challenges in cancer nanomedicine, leading to innovations that can positively influence patient care, and pharmaceutical product development.

I recommend Kavya in the strongest term for the Sun Pharma Science Scholar Award. Her achievements, devotion to science, and resolution toward scientific contributions align perfectly with this award.

Yours sincerely,


Aniruddha Roy PhD

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