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To Whom It May Concern:

I am writing this letter to recommend Soha Aggarwal, who has been an exceptional intern in my NanoBios research laboratory at IIT Bombay. Her dedication, commitment, and passion for the field of biomedical research have been evident in her exemplary performance during the research internship this summer.

Over the course of two weeks, Soha has demonstrated a profound understanding and swift grasp of advanced experimental concepts and procedures. She began her journey in our lab by exploring microneedles, an innovative technique for drug delivery, and swiftly moved on to understanding the functioning of autoclaves, a cornerstone in the realm of sterilization in laboratories.

Showing a notable aptitude for experimentation, Soha demonstrated an impressive ability to learn and apply complex techniques such as the DPPH assay for measuring antioxidant properties in substances. Her grasp of the theory underlying the experiment and her precision in its execution was commendable, reflecting her understanding of the interplay between theoretical and practical aspects of research.

During the course of her internship, Soha also worked on an important project that harnessed ultrasound waves to increase transdermal drug delivery. Her involvement in the experiment, from the preparation of the hydrogel to analyzing the absorbance using a spectrophotometer, reflected her hands-on approach and her willingness to understand the nuances of each step involved.

Furthermore, Soha has shown significant growth in her practical skills, from learning to prepare polymer microneedles, to testing the viscosity and mechanical strength of hydrogels in the Rheology lab. These varied experiences reflect not only her diverse skillset but also her adaptability and her aptitude for quickly learning new laboratory techniques and protocols.

Her diligent record-keeping and clear communication demonstrate a meticulous nature and a strong understanding of the principles of scientific inquiry. This was particularly evident in her detailed summary of the hydrogel for Psoriasis research, which showcases her capability to comprehend complex biomedical research and articulate it clearly.

In conclusion, Soha is an exceptional intern who shows great potential for further growth in the field of biomedical research. Her zeal, enthusiasm, and dedication make her an excellent candidate for your esteemed institution. I am confident that she will continue to display the same dedication and passion, and will contribute meaningfully to your institution.

With warm regards,

प्रा. रोहित श्रीवास्तव
Prof. Rohit Srivastava

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