



डॉ. उमेश गुप्ता

सह आचार्य, भैषजिक विज्ञान विभाग

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Date: 13.08.2024

LETTER OF JUSTIFICATION/NOMINATION

To whomsoever it may concern

With high esteem, I would like to pen down this justification letter for nominating ‘**SANYA BATHEJA**’ for this prestigious “*Sun Pharma Science Scholar Award 2024*”. I have known her as one of my M.Pharm students at Central University of Rajasthan, where she performed well in every aspect. She has completed her dissertation under the supervision of Prof. Amit K Goyal and co-supervised by me on the topic entitled “*Galactosylated Albumin Nanoparticles for Improved Protein Binding, Stability and Effective Delivery of Gemcitabine*”. She is a competent and resourceful asset. During her post-graduation, she has explored ample of analytical techniques such as HPLC, TLC, NMR, FT-IR, UV-Visible spectroscopy, fluorescence microscope, automated cell counter, ultra-sonicator etc. She improved her skill set in the tenure of Ph.D. by learning animal handling and cell line studies such as anti-proliferative studies, cellular internalization studies, etc. Additionally, she has explored Quality-by-Design (QbD) approach for optimization using Design Expert software (version 13.0) and CompuSyn software for the combination studies. She has also good expertise in cell culture-based studies involving hepatocellular carcinoma (HepG2) cell lines.

Her competency has been recognized in terms of her publications indulging chapters, reviews, and research articles. Recently, she has published 2 review articles in the reputed journal of Elsevier, *Drug Discovery Today* [Impact Factor- 6.5], *Biochimica et Biophysica Acta (BBA)-General Subjects* [Impact Factor- 2.8], 5 book chapters, and 2 co-authored articles. Moreover, her research article is under review in one of the journal of Elsevier, *Biochemical Pharmacology* [Impact Factor- 5.3].

Her keen interest in research draws me to highly recommend her for “*Sun Pharma Science Scholar Award 2024*”, as it will broaden her horizons and elevate the standard of excellence. If any further information is needed, feel free to contact me via mail.

With thanks and regards

Umesh Gupta