



LETTER OF RECOMMENDATION

To Whom It May Concern,

I am pleased to recommend **Mr. Raman Nafarieh**, an undergraduate student in Molecular and Cellular Biology, whose scientific and innovation activities have been followed and supported through the Iranian Youth Science and Technology Center (IYSTC).

Raman has developed a focused research profile in the field of biomedical nanotechnology through his main documented research project entitled “Evaluation of a Novel Herbal Nanogel Formulation on Skin Cancer Cells Utilizing the MTT Assay.” This project involved the preparation and evaluation of a chitosan–hyaluronic acid-based herbal nanogel formulation containing plant-derived compounds, including *Viola odorata*, curcumin, and *Spirulina platensis*. Through this work, he gained practical exposure to scientific literature review, herbal extraction, nanogel preparation, physicochemical evaluation, cell culture-related laboratory procedures, serial dilution, MTT assay workflow, absorbance measurement, data interpretation, and scientific documentation.

One of the important aspects of Raman’s profile is that his research activity has produced several documented scientific and innovation outputs. He prepared a research paper, poster, presentation, and a published abstract in the Official Catalog of the Innoverse Invention & Innovation Expo 2025. In addition, his work has been supported by intellectual property documentation, including an Australian provisional patent application and an international PCT patent application related to the same herbal nanogel formulation.

Raman’s project has also received international recognition in invention and innovation events, including awards at IFIA, ISIF, WICO, and Innoverse. These achievements reflect his ability to develop a scientific idea, prepare it for technical presentation, respond to project evaluation requirements, and present research-based innovation in international settings.

Throughout our interaction with Raman, he has shown curiosity, responsibility, attention to scientific structure, and a willingness to improve his work through feedback and mentoring. He has demonstrated the ability to connect concepts from molecular and cellular biology, herbal compounds, nanogel formulation, and laboratory-based evaluation within the framework of one focused biomedical research project.

I recommend Raman Nafarieh for academic, research, innovation, and scientific development opportunities. Based on his demonstrated research experience, documented scientific outputs, international achievements, and commitment to continued development, I believe he is well positioned to further advance his capabilities and contribute meaningfully to biomedical research and innovation within a suitable academic and research environment.

Sincerely,

Mahdi Rashidyjahan 
Chief Executive Officer
Iranian Youth Science and Technology Center (IYSTC)
Email: ceo@iyst.center
Phone: +98 912 137 1398
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