



जीव विज्ञान संस्थान INSTITUTE OF LIFE SCIENCES

(An Autonomous Institute of the Department of Biotechnology, Govt. of India)



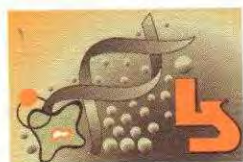
JUSTIFICATION FOR NOMINATION (Sun Pharma Research Award)

I believe that Dr. Chauhan has very impressive professional accomplishments to be considered favorably for this award. I know that his training, intellect, his passion, and achievements are exceptional and make him an ideal candidate for this award. I provide below some of the glimpses of his career to justify my nomination.

Dr. Chauhan has an excellent track-record in publishing during his Ph D., postdoc and independent faculty career. To date, Dr. Chauhan has published 38 articles in high-profiled journals including Molecular Cell, Cancer Research, Developmental Cell, Nature Communications, and EMBO journal. The total number of citations for his work is 10239 with i10-index of 30 and h-index of 23. One more notable asset of Dr. Chauhan is the implication of his research contributions to various research fields, including cell biology, microbiology, infectious diseases, and cancer biology.

In 2015, he joined Institute of Life Sciences, Bhubaneswar, India as Scientist-D. He got qualified for three prestigious fellowships, Ramanujan Fellowship, Ramalingaswami Fellowship, and Wellcome-DBT India Alliance. Dr. Chauhan has demonstrated excellent leadership skills and created a platform for interaction of autophagy biologist in India, now formerly called "Autophagy India Network." Recently, after several rounds of interview, he is selected as one of the first EMBO global investigator by EMBO, Germany. This international prestigious programme have several outstanding financial and networking benefits.

His lab has produced highly mechanistic translationally oriented groundbreaking studies published in journal of very high repute. He has found new mechanisms of cancer progression and identified newer target for cancer therapy (EMBO J, 2018, Cancer Research, 2021). Also, his lab is in forefront of understanding infectious and inflammatory diseases. They identified novel mechanisms of genesis of autoimmune diseases (Molecular Cell, 2019; EMBO Reports, 2020) and also discovered new therapeutic target that could be effective against multiple viruses including SARS-CoV2, ZIKA, JEV, and CHIKV (EMBO Reports, 2021). All of these studies have an immense translational values. Thus, I believe he is a strong candidate for Sun Pharma Research Award



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As a young scientist, for his outstanding contribution to science, he is recently awarded with prestigious R National Bioscience Award for Career Development from DBT. In year 2020, he was elected as fellow of National Academy of Sciences (NASI).

Dr. Chauhan is also an outstanding mentor. Currently, he is guiding 6 Ph.D. and 6 postdoc students and several research scholars. His student's outstanding accomplishments were also well recognized. For example, one of his postdoctoral fellow named Dr. Subhash Mehto is awarded by NASI-Young Scientist award-2019, Cell-Press TNQ award-2019, and now selected for Inspire faculty programme.

In summary, Dr. Chauhan has a superb track record in biomedical research coupled with pleasing personality and collegiality. He has a stellar motivation and passion for research and education. Therefore, I strongly recommend Dr. Chauhan's application for this award.

Dr. Ajay Parida
Director
Institute of Life Sciences
Bhubaneswar, Odisha

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DIRECTOR
INSTITUTE OF LIFE SCIENCES
(An autonomous Institute under DBT, Govt. of India)
Bhubaneswar-751 023, INDIA