Statement of Research Achievements, if any, on which any Award has already been received by the Applicant.

[I] Received **TATA Innovation Fellowship 2018-19** by the Department of Biotechnology (DBT) Govt of India for outstanding contribution and commitment to finding innovative solutions in healthcare in the area of translational research. This award has been conferred for contribution in the area of translational research based on controlled and targeted drug delivery technologies for enhanced therapeutic efficacy with special emphasis on osteoporosis and parasitic diseases. The main focus is on (a) development of the strategy for cost-saving, patient-friendly, and evidence-based products for industry; and (b) bringing good to patients suffering from osteoporosis and parasitic diseases.

[II] INSA-DFG fellowship award under Bilateral Exchange Programme by Indian National Science Academy, New Delhi and Deutsche Forschungsgemeinschaft, Germany) 2008**.** INSA-DFG fellowship was awarded based on scientific merit for enhancing scientific collaboration with academies/organizations abroad by exchanging research experience and scientific information. To this effect, I was nominated to carry out research in Germany on a long-term fellowship at the Institute of Pharmaceutical Technology at Freie University and established a long-lasting scientific relationship.

[III] STEM award (Technology Transfer Impact Award) 2022 by Society for Technology Management, India for stewarding IP commercialization of Standardized Nano-formulation from *Spinacea Oleracea* for Osteoarthritis. The STEM Impact Award is a first-of-its-kind initiative in India that celebrates the impact of technology transfer activities in Indian academic & research institutions. Our continued work on thrust area on disease of national importance has broadened our scope of reach and impact in bringing the benefits to the public at large by developing a product for **osteoarthritis.**

[IV] Listed in the top 2% scientists of the world in the area of Pharmacology and Pharmacy, a list released by Stanford University. Featured in the World's Top 2% Scientists in 2022 in their fields according to the latest Stanford ranking. The list is the compilation of a database of more than 100,000 top scientists that provides standardized information on citations, h-index, co-authorship-adjusted hm-index, citations to articles in different authorship positions and a composite indicator.

[V] Dr. Mridula Kamboj Award (2022) for Drugs, Diagnostics, Vaccines and related basic research for developing Umifenovir as possible treatment of COVID-19.

[VI] Technology award (2021) for the development of Process for the preparation of Umifenovir (Antiviral) licensed to M/s Medizest Pharmaceuticals Pvt. Ltd., Goa Date of Technology Transfer: 27-29 April 2020

[VII]Technology award (2021) for the technology transfer for CDRI 219-C002 (Cassia occidentalis) for bone regeneration and mitigation of corticosteroid-induced osteoporosis Industry to M/s Pharmanza Herbal Pvt. Ltd, Gujarat Date of Technology Transfer: 10-14 Feb 2020.

[VIII] Visiting Scientist at Free University of Berlin, Germany 2008.

[IX]Visiting Scientist at Bradford University, UK 2009

[X] Received **Fast Track Young Scientist Award** by Department of Science and Technology, India 2006.

[XI] Excellence in Research award by CDRI for publishing in the highest impact factor journal for the years 2013, 2015,2016, and 2019.

DBT BRITE AWARDS

Dr. Prabhat Ranjan Mishra

CSIR-Central Drug Research Institute (CDRI)
Lucknow

Dr. Prabhat Ranjan Mishra is presently working as a Principal Scientist and Associate Professor, in Phar-maceutics and Pharmacokinetics Division at CSIR-Central Drug Research Institute (CDRI), Lucknow. Dr. Prabhat completed his Master's in Pharmaceutical Sciences and PhD from Dr. H.S. Gour University, Sagar (M.P). He worked for 2 years with Nicholas (P) India limited andas a visiting scientist at Institute of Pharmacy,FreieUniversität Berlin, Germany &University of Bradford, UK, under Royal society-CSIR joint research project prior to joining CSIR organization.

Dr. Mishra's work includes, development of target oriented drug delivery systems with a special emphasis on ligand/receptor interaction, intracellular trafficking, and enhancing bioavailability of poorly absorbed drugs. Hiswork focuseson exploring applicability of layer-by-layer technology, nanocrystal technology and lipid/polymeric nanoparticles. He has contributed towards engineering biomaterials based on controlled and targeted drug delivery technologies for enhanced therapeutic efficacy. Besides his research interest are (a) development of strategy for cost-saving, patient-friendly and evidence-based products for industry; and (b) bringing good to patients suffering from cancer, osteoporosis and parasitic diseases. Dr. Mishra has published more than 125 research papers in the journals of repute and patented 19 technologies. Out of technologies patented, three has been licensed & two commercialized. The technology related to anti-osteoarthritic product based on nanoemulsion pre-concentrate comprising of standardized extract of Spinaceaoleracea, has been launched and available in the market as Joint Fresh™. He has been actively involved in CDRI Drug Discovery and Development programme.

Department has bestowed Tata Innovation Fellowship on Dr. Prabhat R. Mishra in recognition of his significant contribution in area of Human Health.

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Dr Prabhat Ranjan Mishra