

BIODATA

DR. AMAN DIVAKAR

Assistant Professor
Department of Fish Biotechnology
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Specialization:

- Cell Culture Techniques, Proteomics (Western blotting, Immuno-cytochemistry and Immuno-histochemistry)
- Fluorescent Microscopy
- Experimental Animal Handling (Particularly mice and rat)

Educational Qualification

Degree	University	Year
B.F.Sc.	W.B.U.A.F.S. Kolkata	2012
M.F.Sc.	C.I.F.E. Mumbai	2014
Ph.D.	J.N.U. New Delhi (CSIR-CDRI, Lucknow)	2023

Employee

Name of Post	From	To	Address
DBT-JRF& SRF	January 2015	January 2020	CSIR-CDR, Lucknow
Assistant Professor	March 2022		COF, Kishanganj

Five Best Research Articles

1. Dewangan J, Srivastava S, Mishra S, Divakar A, Kumar S, Rath SK. Salinomycin inhibits breast cancer progression via targeting HIF-1 α /VEGF mediated tumor angiogenesis in vitro and in vivo. Biochemical Pharmacology. 2019 Jun 1;164:326-35.
2. Srivastava S, Dewangan J, Mishra S, Divakar A, Chaturvedi S, Wahajuddin M, Kumar S, Rath SK. Piperine and Celecoxib synergistically inhibit colon cancer cell proliferation via modulating Wnt/ β -catenin signaling pathway. Phytomedicine. 2021 Apr 1;84:153484.
3. Dewangan J, Srivastava S, Mishra S, Pandey PK, Divakar A, Rath SK. Chetomin induces apoptosis in human triple-negative breast cancer cells by promoting calcium overload and mitochondrial dysfunction. Biochemical and biophysical research communications. 2018 Jan 8;495(2):1915-21.

4. Mishra S, Kanchan S, Divakar A, Jha G, Sharma D, Kapoor R, Rath SK. Alcohol induces ER stress and apoptosis by inducing oxidative stress and disruption of calcium homeostasis in glial cells. Food and Chemical Toxicology. 2023 Dec 1;182:114192.
5. Srivastava S, Mishra S, Dewangan J, Divakar A, Gupta N, Kalleti N, Mugale MN, Kumar S, Sharma S, Rath SK. Safety assessment of the pharmacological excipient, diethylene glycol monoethyl ether (DEGEE), using in vitro and in vivo systems. DARU Journal of Pharmaceutical Sciences. 2019 Jun 1;27(1):219-31.

Other Publications

- Research Papers: 11
- Review Articles: 01
- Popular Articles: 07
- Book authored:
- Book Chapters written: 4
- TV/Radio Talks:

i10Score

09

H-index

09

Total Citation

569

Membership of Professional bodies

1. Society for Promotion of Farm & Companion Animals, (SPFCA)
2. Association of Aquaculturists, (AoA)

