

## PUBLICATIONS

### List of total number of research paper:

1. Shraddha Phadke<sup>1\*</sup>, Rakesh Somani, and Devender Pathak. New benzimidazole derivatives as inhibitors of Pteridine reductase 1: Design, molecular docking study and ADMET prediction. Journal of Applied Pharmaceutical Science 10(09), 030-039, 2020.
2. Shraddha Phadke<sup>1\*</sup>, Rakesh Somani, and Devender Pathak. Design, Molecular Docking and ADMET Studies of 2- Substituted-5-[ (1H-benzimidazol-2yl) methyl] 1,3,4- Oxadiazole Derivatives as Pteridine Reductase 1 Inhibitors. International Journal of Pharmaceutical Research 13(2), 2021.
3. Shraddha Phadke\*, Devender Pathak, and Rakesh Somani. Design and Insilico Studies of 2,5-Disubstituted 1,2,4-Triazole and 1,3,4-Thiadiazole Derivatives as Pteridine Reductase 1 Inhibitors. Journal of Pharmaceutical Research International 33(29A): 166-178, 2021.
4. Synthesis, Characterization and Pharmacological Evaluation of Biphenyl Based 4-Thiazolidinones. Indian Journal of Pharmaceutical Education and Research 55(2), 363-373, 2021.

Sr.	Name of the staff	Title of Paper / Book / Book Chapter / Proceeding, etc	Type of Publication	Journal Name / Book Name, Year, Volume, Issue, Page No.
1	Dr. Rakesh Somani	Micellar assisted aqueous stabilization of iron oxide nanoparticles for curcumin encapsulation and hyperthermia application	Research Article	Nano-Structures & Nano-Objects, 2020, 22 (100466), 1-9
2	Dr. Rakesh Somani	Chapter 3: A Study to Report Significantly Different Adducts for Petroleum Ether Extract of	Book Chapter	A Mini Guide LC-MS and GC-MS Techniques: A Tool for

		Tabernaemontanadivaticata by Atmospheric Pressure Chemical and Electrospray Ionization Methods		Phytoconstituents Evaluation of Plant Extracts, 1st Edition, Book Publisher International, UK, 2020, pp 18-38
3	Dr. Rakesh Somani	Chapter 5: Gas Chromatography-Mass Spectroscopy Profiling of Petroleum Ether Extract of Tabernaemontanadivaticata Leaves	Book Chapter	A Mini Guide LC-MS and GC-MS Techniques: A Tool for Phytoconstituents Evaluation of Plant Extracts, 1st Edition, Book Publisher International, UK, 2020, pp 47-63
4	Mr. PratipChaskar	Chapter 3: A Study to Report Significantly Different Adducts for Petroleum Ether Extract of Tabernaemontanadivaticata by Atmospheric Pressure Chemical and Electrospray Ionization Methods	Book Chapter	A Mini Guide LC-MS and GC-MS Techniques: A Tool for Phytoconstituents Evaluation of Plant Extracts, 1st Edition, Book Publisher International, UK, 2020, pp 18-38
5	Mr. PratipChaskar	Chapter 5: Gas Chromatography-Mass Spectroscopy Profiling of Petroleum Ether Extract of Tabernaemontanadivaticata Leaves	Book Chapter	A Mini Guide LC-MS and GC-MS Techniques: A Tool for Phytoconstituents Evaluation of Plant Extracts, 1st Edition, Book Publisher International, UK, 2020, pp 47-63

6	Dr. Rakesh Somani	New benzimidazole derivatives as inhibitors of Pteridine reductase 1: Design, molecular docking study and ADMET prediction	Research Article	Journal of Applied Pharmaceutical Science, 2020, 10 (09), 30-39
7	Dr. Rakesh Somani	Evaluation of Biological Activity of Derivatives of 1,3,4 Thiadiazole, 1,3,4-Oxadiazole and 1,2,4-Triazole	Research Article	Endocrine, Metabolic & Immune Disorders Drug Targets, 2020, In Press
8	Dr. Rakesh Somani Mr. PratipChaskar	Synthesis, Characterization and Pharmacological Evaluation of Biphenyl Based 4-Thiazolidinones	Research Article	Indian Journal of Pharmaceutical Education and Research Vol 55   Issue 2   Apr-Jun, 2021
9	Dr. Rakesh Somani	Design, Molecular Docking and ADMET Studies of 2-Substituted-5-[ (1H-benzimidazol-2yl) methyl] 1,3,4- Oxadiazole Derivatives as Pteridine Reductase 1 Inhibitors	Research Article	International Journal of Pharmaceutical Research 2205  International Journal of Pharmaceutical Research   Apr - Jun 2021   Vol 13   Issue 2
11	Mrs. Smita Mane	Deep learning and Cloud Based Novel Approach for Epilepsy Seizure Predictor System	Technical paper (conference proceedings)	5TH INTERNATIONAL CONFERENCE ON ENGINEERING RESEARCH & INNOVATION EQUINOX - 2020