

Faculty Profile

Name: **Dr. Manjari Singh**

Designation: **Assistant Professor**

Department/Centre: **Department of Pharmaceutical Sciences**

Phone Numbers: **7599211639**

Email id: manjari.pharm@gmail.com



Educational Qualifications: **M.Pharm in Pharmacology, Babasaheb Bhimrao Ambedkar University, Lycknow (2013); PhD in Pharmaceutical Sciences, Babasaheb Bhimrao Ambedkar University, Lycknow (2019)**

Areas of Interest:

- **Molecular Pharmacology**
- **Cancer Biology**
- **Hypoxia and Tumor Microenvironment**
- ***In silico* drug designing**

Work Experience: [In chronological order with the recent one at the last.]

| Name of the Organization | Designation | Period | | Nature of Post (permanent/temporary/Ad-hoc/ contractual etc.) |
|---------------------------------------|---------------------|-----------|----------|---|
| | | From | To | |
| KIET Group of Institutions, Ghaziabad | Assistant Professor | July 2018 | Sep 2019 | Permanent |
| Assam University, Silchar | Assistant Professor | Nov 2019 | Till now | Permanent |

Awards and Honours (if any): [Maximum upto 5]

| Award Details | Awarding Agency | Year | Remark (if any) |
|---|-----------------|---------------|-----------------|
| Qualified Graduate Pharmacy Aptitude Test | AICTE | 2011 and 2013 | - |
| Rajiv Gandhi National Fellowship | UGC | 2014 | - |

Projects: [In chronological order with the recent one at the last. Mention shall be made if the project is ongoing or completed]

| Project Title | Awarding Agency | Period | Amount Sanctioned | Ongoing/ Completed |
|---------------|-----------------|--------|-------------------|--------------------|
| | | | | |

Consultancy/International Collaboration:[In chronological order with the recent one at the last.]

| Details | Year | Remark (if any) |
|--|------|-----------------|
| [Type of consultancy/ collaboration], [Party details], [Period], [Amount (if any)] | | |

Publications in Peer Reviewed Journals/Book Chapters (Maximum 5)

| Authors | Title of the Paper/Chapter | Name of the Journal/Book | Journal/Book details | ISSN/ISBN |
|---|---|--|---|------------------------------------|
| Manjari Singh; Sweta Kasna; Subhadeep Roy; Sara Aldosary; Abdulaziz S. Saeedan; Nazam Ansari; Gaurav Kaithwas | Repurposing mechanistic insight of PDE-5 inhibitor in cancer chemoprevention through mitochondrial-oxidative stress intervention and blockade of DuCLOX signaling | BMC Cancer | 2019 Oct 24; 19(1):996. doi: 10.1186/s12885-019-6152-9 | 1471-2407 |
| Uma Devi1#, Manjari Singh#, Subhadeep Roy, Avinash C Tripathi, Pushpraj S Gupta, Shailendra K. Saraf, Md. Nazam Ansari, Abdulaziz S | PHD-2 activation: A novel strategy to control HIF-1 α and mitochondrial stress to modulate mammary gland pathophysiology in ER+ subtype | Naunyn-Schmiedeberg's Archives of Pharmacology | 2019 Oct; 392(10):1239-1256. doi: 10.1007/s00210-019-01658-7. | 0028-1298 (print); 1432-1912 (web) |

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|---|---|--------------------------------------|---|-----------|
| Saeedan, Gaurav Kaithwas | | | | |
| Uma Devi#, Manjari Singh#, Subhadeep Roy, Pushpraj S Gupta, Md. Nazam Ansari, Abdulaziz S. Saeedan, Gaurav Kaithwas | Activation of Prolyl hydroxylase-2 for stabilization of mitochondrial stress along with biphasic downregulation of HIF-1 α /FASN in ER + mammary gland carcinoma | Cell Biochemistry and Function | 2019 Jun; 37(4):216- 227. doi: 10.1002/cbf.3389 | 1099-0844 |
| Manjari Singh, Uma Devi, Subhadeep Roy, Pushpraj S Gupta, Gaurav Kaithwas | Chemical activation of prolyl hydroxylase-2 by BBAP1 down regulates hypoxia inducible factor- 1 α and fatty acid synthase for mammary gland chemoprevention | RSC Advances | 2018,8, 12848- 12860 | 2046-2069 |
| Manjari Singh, Uma Devi, Subhadeep Roy, Pushpraj S. Gupta, Shubhini A. Saraf, Dr. Gaurav Kaithwas | Prolyl hydroxylase mediated inhibition of fatty acid synthase to combat tumor growth in mammary gland carcinoma | Breast Cancer | 2016 Nov; 23(6):820-829. doi: 10.1007/s12282- 016-0683-6 | 1880-4233 |

Books Authored/Edited Books (Maximum 5)

| Authors | Title of the Book | ISBN | Publisher Details | Authored/Edited |
|---------|----------------------|------|--|-----------------|
| | | | [Name of the publisher], [Year of Publication] | |

Peer Reviewed Publications in Proceedings of National/International Conference/Workshop/Symposium (Maximum 5)

| Authors | Title of the Paper | Name of the Program and Organizer | Publisher Details | ISBN/ISSN |
|----------------|---------------------------|--|--------------------------|------------------|
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Patents (if any):

| Patent Details | Awarding Agency | Year | Remark (if any) |
|-----------------------|------------------------|-------------|------------------------|
| | | | |

Details of Ph.D degree awarded (Under the supervision of the faculty):

| Name of the Scholar | Title of the Thesis | Year of award | Remark (if any) |
|----------------------------|----------------------------|----------------------|--|
| | | | This column shall contain the department and university in which the Ph.D was carried out and any other relevant information |