



<b>Name</b>	Dr. Archana Upadhya
<b>Designation</b>	<b>Associate Professor</b>
<b>Educational Qualification</b>	<b>Ph.D. Pharmaceutical Sciences</b>
<b>Work Experience</b>	16 years
<b>Email</b>	<b>archana.upadhya@hkcp.edu.in</b>
<b>Area of Specialization</b>	<b>Pharmaceutical Biotechnology</b>
<b>Industrial experience</b>	2 years
<b>Subjects taught</b>	<b>Pharmaceutical Analysis, Biochemistry, Pharmaceutical Microbiology, Pharmaceutical Biotechnology, Molecular Biology, Instrumental Methods of Analysis.</b>
<b>Awards, Credentials, Professional affiliations</b>	<p><b><u>Competitive National Examinations:-</u></b></p> <p>GATE (1998) -Pharmaceutical Sciences -96.69 percentile (All India Ranking-77)</p> <p>UGC-CSIR NET (2009)-Life Sciences (All India Ranking -149)</p> <p><b><u>Professional Affiliation</u></b></p> <p>The Indian Pharmaceutical Association</p> <p>The Association of Pharmaceutical Teachers of India</p> <p>Indian Peptide Society</p>
<b>No. of papers published</b>	<p>International : 12 papers, National : 01</p> <ol style="list-style-type: none"> <li>1. Shenoy A, Banerjee M, <b>Upadhya A</b>, Parab SB, Kaur G (2022) The Brilliance of the Zebrafish Model: Perception on Behavior and Alzheimer's disease. Front. Behav. Neurosci. 16:861155. (I.F: 3.558)</li> <li>2. Ezeokafor I, <b>Upadhya A</b> and Shetty S (2021) Neurosensory prosthetics: An integral neuromodulation part of bioelectronic device. Front. Neurosci. 15:671767. (I.F: 4.677).</li> <li>3. Supe S, <b>Upadhya A</b>, Singh K. Role of small interfering RNA (siRNA) in targeting ocular neovascularization: a review. Exp. Eye Res. (2021); 202: 108329 (I.F: 3.011).</li> </ol>

	<p><b>4.</b> Yadav KS, <b>Upadhya A</b>, Misra A. Targeted drug therapy in nonsmall cell lung cancer: clinical significance and possible solutions-part II (role of nanocarriers). Expert Opin Drug Deliv (2021); 18(1): 103-118. (I.F: 4.838 (2019)).</p> <p><b>5.</b> <b>Upadhya A</b>, Yadav KS and Misra A. Targeted drug therapy in non-small cell lung cancer: Clinical significance and possible solutions-Part 1. Expert Opin Drug Deliv. (2021); 18(1): 73-102. (I.F: 4.838 (2019)).</p> <p><b>6.</b> Shaily S, <b>Upadhya A</b>. Zika virus: Molecular responses and tissue tropism in the mammalian host. Rev Med Virol (2019); 29(4):e2050.(I.F: 4.221)</p> <p><b>7.</b> Shetty SR and <b>Upadhya A</b>. Magnetic nano-systems in drug delivery and biomedical applications. In Multifunctional Nanocarriers for Contemporary Healthcare Applications. (2018): 157-191, IGI Global.</p> <p><b>8.</b> <b>Upadhya A</b>. and Sangave P.C. A cell penetrating peptide, MTS-AR8, for transfection of 4T1 murine breast cancer cells. Drug Deliv Lett (2017); 7(1): 62-68.</p> <p><b>9.</b> <b>Upadhya A</b>. and Sangave P.C. Hydrophobic and electrostatic interactions between cell penetrating peptides and plasmid DNA are important for stable non-covalent complexation and intracellular delivery. J of Pept Sci (2016) 22:647-659. (I.F: 1.877)</p> <p><b>10.</b> More SK, Srinivasan N, Budnar S, Bane SM, <b>Upadhya A</b>, Thorat RA, Ingle AD, Chiplunkar SV and Kalraiya RD. N-glycans and metastasis in galectin-3 transgenic mice. Biochem Biophys Res Commun (2015) 460; 2: 302-307 (I.F: 2.985)</p> <p><b>11.</b> Dange MC, Srinivasan N, More SK, Bane SM, <b>Upadhya A</b>, Ingle AD, Gude RP, Mukhopadhyaya R and Kalraiya RD. Galectin-3 expressed on different lung compartments promotes organ specific metastasis by facilitating arrest, extravasation and organ colonization via high affinity ligands on melanoma cells. Clin Exp Metastasis (2014) 31; 6: 661-673 (I.F: 3.027)</p> <p><b>12.</b> Patel J., Desai G. and <b>Upadhya A</b>. Separation of Mupirocin by Normal Phase Liquid Chromatography (NPLC). Sep Sci Technol (2014) 49; 18:2907-2912 (I.F:1.718)</p> <p><b>13.</b> Daftary AD and <b>Upadhya A</b>. Coupling of two purification methods: Ammonium sulphate precipitation and aqueous two-phase systems. IJERST (2014) 3; 2:38-45.</p>
<b>No. of presentations</b>	<b>04</b>
<b>Academic Projects</b>	<b>~ 30</b>
<b>Training programs / workshops/seminars /conferences attended</b>	<p><b><u>Training Programs</u></b></p> <p><b>Coursera Courses ~4</b></p> <p><b>Swayam Courses (Govt. of India MOOCs platform)</b></p> <ul style="list-style-type: none"> <li>• Introduction to Proteogenomics (2019)</li> <li>• Drug Delivery: Principles &amp; Engineering (2020)</li> <li>• Intellectual Property Rights and Competition Law (2021)</li> <li>• Bioinformatics: Algorithms and Applications (2022)</li> </ul> <p><b>Certificate Course</b></p> <ul style="list-style-type: none"> <li>• R Programming (2021)</li> </ul> <p><b>Number of seminars, workshops and conferences ~25.</b></p>