

Dr Harlokesh Narayan Yadav  
 Additional Professor  
 Department of Pharmacology  
 AIIMS, New Delhi



Contact Details: [hnyadav@gmail.com](mailto:hnyadav@gmail.com)  
[hnyadav@aiims.edu](mailto:hnyadav@aiims.edu)  
 011-26548565  
 Room no. 5006, 5th floor, Convergence Block, AIIMS, New Delhi

Research Area: Cardiovascular and Molecular Pharmacology

Educational Qualifications			
Educational Qualification	Degree	Year	University
PG	M. Pharmacy (Pharmacology)	2006	Punjabi University, Patiala, Punjab
DM / Ph.D.	Ph.D. (Pharmacology)	2011	Punjab Technical University, Jalandhar, Punjab

Work Experience		
Designation	Organisation	Duration
Additional Professor	Department of Pharmacology AIIMS, New Delhi	2021 – Till Date
Associate Professor	Department of Pharmacology AIIMS, New Delhi	2018 - 2021
Assistant Professor	Department of Pharmacology AIIMS, New Delhi	2015 –2018

Research Profile	
Google Scholar ID	<a href="https://scholar.google.com/citations?user=h1tXD-0AAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=h1tXD-0AAAAJ&amp;hl=en&amp;oi=ao</a>
PubMed ID	<a href="https://pubmed.ncbi.nlm.nih.gov/?term=harlokesh+narayan+yadav">https://pubmed.ncbi.nlm.nih.gov/?term=harlokesh+narayan+yadav</a>
ORCID ID	<a href="https://orcid.org/0000-0002-5798-1431">https://orcid.org/0000-0002-5798-1431</a>

Research Projects		
Title	Funding agency	Tenure
Pharmacological evaluation of Khamira Sandal Sada in experimental model of heart failure	Central Council for Research in Unani Medicine, Ministry of AYUSH	2026-2028
Development, Evaluation and Clinical Validation of Hemicyanine-Donepezil Based Hybrid Molecules to Target Acetylcholinesterase as Theranostic Agents for Alzheimer's Disease	Indian Council for Medical Research	2026-2029
Role of Vitamin D in Cardioprotective Effect of Ischemic Preconditioning in Rat Hearts	All India Institute of Medical Sciences, New Delhi	2024-2026
Comparative Evaluation of Effect of Remote Ischemic Preconditioning on Inflammatory Markers in Semi Patients Undergoing Primary PCI and its Correlation with Serum Vitamin D Levels	All India Institute of Medical Sciences, New Delhi	2024-2026
Effect of Transplantation of genetically engineered mesenchymal	All India Institute of Medical Sciences, New Delhi	2024-2026

stem cells into monocrotaline- induced pulmonary hypertension in rats: validation by Next Generation Sequencing		
Pilot-scale production and evaluation of the hypoglycaemic activity of microalgal bioactive products ( <i>Chlorella minutissima</i> ) in the experimental model of diabetes mellitus in rats.	Trinity International, New Delhi	2023-2024
Evaluation of the cardioprotective effect of remote ischemic preconditioning in acute coronary syndrome patients and its correlation with vitamin D	Department of Health Research, Ministry of Health and Family Welfare	2023-2026
Role of Fisetin along with Sildenafil in Experimental High caloric diet induced Erectile Dysfunction in Male Wistar Rat.	Indian Council for Medical Research	2022-2024
Anemia: Exploring the role of vitamin D, essential elements and lifestyle in the Indian Population	Indian Council for Medical Research	2022-2025
Design and development of wirelessly powered nanoscale-integrated antenna-enabled leadless cardiac Pacemaker system for wireless monitoring of Heart Health.	Indian Council for Medical Research	2023-2026
To study the regulatory mechanism of GSK-3 $\beta$ by ischemic preconditioning against ovariectomized challenged Wistar rats	All India Institute of Medical Sciences, New Delhi	2021-2023
Design and development of Nanoscale Integrated system along with Conformal Antenna as Capsule Prototype for Wireless Capsule Endoscopy	Department of Science and Technology	2021-2023
Effect of Sildenafil Monotherapy versus Vitamin and Sildenafil combination in experiment model of Pulmonary Hypertension in rats	All India Institute of Medical Sciences, New Delhi	2019-2021
Ameliorative potential of Vinpocetine in experimental Diabetic Cardiomyopathy in Wistar rats	Indian Council for Medical Research	2019-2022
Development of Solid Lipid Nanoparticles for oral delivery of Liraglutide, an Anti-diabetic drug	Department of Biotechnology	2018-2020
Pharmacological effect of vitamin D in Diabetic Cardiomyopathy via ACE –II /Angiotensin (1- 7)/Mas receptor axis in experimental Diabetic rats	All India Institute of Medical Sciences, New Delhi	2018-2020
Surface engineered Silver (Ag) Nano particles and Peptide conjugate for Angiogenesis based animal Wound Management	Department of Biotechnology	2018-2021
Ameliorative potential of combination of Tribulus terrestris, Boerhaavia diffusa and Terminalia chebula in Cisplatin and Mercury chloride induced Nephrotoxicity in Wistar rats	All India Institute of Medical Sciences, New Delhi	2017-2019
Formulation and Evaluation of Lipid Based Nano particles of Epalrestat in experimental Diabetic Neuropathic pain in Wistar Rats	All India Institute of Medical Sciences, New Delhi	2017-2019
Targeted Co-delivery of P53 modulator and Anti- cancer drugs to	Department of Science and Technology	2016-2021

achieve synergistic effect for Cancer therapeutics

### Memberships and Fellowships

Fellowships	<ul style="list-style-type: none"> <li>• Fellowship of Indian Pharmacological Society (FIPS)</li> <li>• Fellowship of Punjab Academy of Sciences (FAPS)</li> <li>• Fellowship of International Academy of Cardiovascular Sciences (FIACS)</li> </ul>
Membership of Scientific / Professional Bodies	<ul style="list-style-type: none"> <li>• Member – National Academy of Medical Sciences</li> <li>• Life member – National Academy of Sciences, India</li> </ul>
Membership of Scientific Societies	<ul style="list-style-type: none"> <li>• International Academy of Cardiovascular Sciences (IACS)</li> <li>• Indian Pharmacological Society (IPS)</li> <li>• Indian Society of Nanomedicine (ISNM)</li> <li>• Indian Pharmacy Graduates Association (IPGA)</li> <li>• International Society of Hypertension</li> <li>• International Society of Cardiovascular Pharmacotherapy</li> <li>• Nano Biotechnology community</li> <li>• Society of Pharmaceutical Education &amp; Research (SPER)</li> <li>• Society of Biological Chemist (SBCI)</li> <li>• Academy of Cardiovascular Sciences</li> <li>• Indian Society for Atherosclerosis (ISAR)</li> </ul>

### Awards and Recognitions

Awards	<ul style="list-style-type: none"> <li>• Exemplary Service Award by International Academy of Cardiovascular Sciences, India Section, 2026.</li> <li>• Dr. G. Achari Award by Indian Pharmacological Society, 2025</li> <li>• Dr. UK Seth prize by Indian Pharmacological Society, 2025</li> <li>• Distinguished Service Award in Cardiovascular Science by International Academy of Cardiovascular Sciences, 2025</li> <li>• Certificate of Excellence for Innovation by ICMR-DHR, MoHFW, Govt. Of India, 2024</li> <li>• N.S. Dhalla Award by International Society of Heart Research (ISHR) in 2023 and 2024</li> <li>• Prof. N.S. Dhalla Oration Award in 52nd International IPSCON at JSS Mysuru, 2023</li> <li>• Investigators Fellowship of the Asian Pacific Society of Hypertension, 2023</li> <li>• Diploma Award by International Society of Cardiovascular Pharmacotherapy, Bucharest, Romania, 2022</li> <li>• Best Oral Presentation Award in National Biomedical Research Competition, 2021</li> <li>• Pharmacy Ratna Award, Uttar Pradesh, by Pharmacist Federation, Lucknow, 2021</li> <li>• Innovative Research Award for contribution to education, skill and research, Himachal College of Pharmacy, Nalagarh, 2019</li> <li>• Second Prize, Annual Research Day, AIIMS 2019, for poster on liraglutide based oral nano-formulation</li> <li>• Distinguished Scientist Award by Society for Bioinformatics and Biological Science, Allahabad, 2019</li> </ul>
--------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	<ul style="list-style-type: none"> <li>• Best Research Paper Award in Pharmacology by IJPER, 2018</li> <li>• Dr. Manjeet Singh Award for best research work in Molecular Pharmacology by Indian Pharmacological Society, 2010 and 2025</li> <li>• Dr. N.N. Datta Prize for best published work in Indian Journal of Pharmacology by Indian Pharmacological Society, 2010</li> </ul>
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>Other Accolades and contributions</b>	
Accolades	<ul style="list-style-type: none"> <li>• President, Society of Pharmaceutical Education &amp; Research (SPER), Delhi Branch</li> <li>• Vice President, International Academy of Cardiovascular Sciences (India).</li> <li>• Chairman, Pharm. Federation, Scientific Wing</li> <li>• Former Secretary (International), Indian Pharmacological Society, 2014 2018</li> <li>• Secretary (Academic) cum Treasurer, Indian Pharma Association (IPA), Uttar Pradesh State Branch</li> <li>• Main nominee of CPCSEA</li> <li>• Joint Secretary, ISAR, Delhi.</li> </ul>

<b>Lab services and expertise</b>	
Lab expertise	<ul style="list-style-type: none"> <li>• Cardiovascular and molecular pharmacology research including experimental models of ischemia–reperfusion injury, cardiac hypertrophy, heart failure, pulmonary arterial hypertension, diabetic cardiomyopathy and nephrotoxicity.</li> <li>• Expertise in in vitro drug screening, animal studies, molecular signalling analysis, drug/nano formulation evaluation and translational cardiovascular research</li> </ul>

<b>Other Information</b>	
Citation Metrics	<ul style="list-style-type: none"> <li>• Citation metrics = 1642 citations, H-index 24 and i10-index 36.</li> </ul>
Teaching experience	<ul style="list-style-type: none"> <li>• Have more than 19 years of teaching &amp; research experience.</li> <li>• Academic output includes 91 publications, 2 books, 10 book chapters, 20 funded research projects.</li> <li>• Guiding/Guided 7 Ph.D., 5 MD/M.Ch., and 45 M. Pharm/M.Sc. theses/dissertations.</li> </ul>
Conferences attended and conducted	<ul style="list-style-type: none"> <li>• Hosted International pharmacology conference and 54th annual IPSCON 2024 at AIIMS, New Delhi</li> <li>• Hosted 2-day workshop on molecular techniques related to experimental Pharmacology on Nov 2024, at AIIMS, New Delhi</li> <li>• Hosted North-zone conference of Indian Pharmacological Society in 2014 at GLA University, Mathura, U.P</li> <li>• Participated in 55 national / international conferences, seminars and workshops as speaker, chairperson, evaluator, resource person and presenter, including 3 international conferences as speaker</li> </ul>