BIO-DATA

1. Name and full correspondence address- Dr Manoj Kumar, Assistant Professor, Department of Pharmaceutical Sciences, GJUS&T, Hisar
2. Email- drmanojmedal@gmail.com Contact number-9466044774
3. Institution-Department of Pharmaceutical Sciences, GJUS&T, Hisar
4. Date of Birth-05-05-1979
5. Gender -Male
6. Category -SC
7. Academic Qualification (Undergraduate Onwards)

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| --- | --- | --- | --- | --- | --- |
|  | Degree | Year | Subject | University/Institution | % of marks |
| 1. | B.Pharm. | May 2004 | All subject of PCI | Department of Pharmaceutical Sciences, Guru Jambheshwar University of Science and Technology,Hisar | 56.6 |
| 2. | M.Pharm. | May 2007 | All subject of PCI | Department of Pharmaceutical Sciences, Guru Jambheshwar University of Science and Technology,Hisar | 66 |
| 3. | Ph. D. | July 2014 | All subject approved by university | Department of Pharmaceutical Sciences, Guru Jambheshwar University of Science and Technology,Hisar | -- |
| 4. |  MBA | July 2008 |  All subject approved by university | Department of Pharmaceutical Sciences, Guru Jambheshwar University of Science and Technology,Hisar | 56 |

1. **Ph. D. thesis title**- Evaluation of antidiabetic potential of some indigenous plants.

**Guide’s Name**- Prof. Sunil Sharma (Supervisor),and Prof.Neeru Vasudeva(Co-supervisor) Department of Pharmaceutical Sciences, Guru Jambheshwar University of Science and Technology, Hisar,

**Year of Award**-2014.

1. Work experience (in chronological order).

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| S.No. | Positions held | Name of the Institute | From | To | Pay Scale |
| 1. | Lecturer | JCDM College of Pharmacy, Sirsa | Aug. 2007  | Feb. 2008 | 18000/- |
|  2. | Assistant Professor | Keshav College of Pharmacy, Salwan, Asandh (Karnal) Haryana | 18 Aug, 2008  | 15 July2009 | 18000/- |
| 3. | Research Scholar | Department of Pharmaceutical Sciences, Guru Jambheshwar University of Science and Technology,Hisar, Haryana | 20th July 2009 | 23 July,2014 | 14000/- |
| 4. | Assistant Professor | Department of Pharmaceutical Sciences, Guru Jambheshwar University of Science and Technology,Hisar, Haryana | 23rdJuly 2014 | Till date | Pay band - |

1. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.

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| S.No | Name of Award | Awarding Agency | Year |
| 1. | JRF | UGC | 2009-2014 |

1. Publications *(List of papers published in SCI Journals, in year wise descending order).*

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| --- | --- | --- | --- | --- | --- | --- |
| S.No. | Author(s) | Title | Name of Journal | Volume | Page | Year |
| 1. | Nehra, B., Chawla, V., Chawla, P. A., & Kumar, M. | Recent Advancements in Microwave Assisted Synthesis of Pyrazole Analogues: An Ecological Synthetic Approach | *Polycyclic Aromatic Compounds* |  | 1-47 | 2024 |
| 2. | Nehra, B., Kumar, M., Singh, S., Chawla, V., & Grover, P. | Recent Developments in the Antimicrobial Potential of Some Nitrogenous Heterocycles and their SAR Studies: A Review | *Current Medicinal Chemistry* |  |  | 2024 |
| 3. | Kumar, M., Kumar, S., Rani, R., Rani, P., & Nehra, B. | [Synthesis and evaluation of anti-microbial and anti-inflammatory activity of fatty acid esters](https://scholar.google.com/scholar?cluster=11770310947568967496&hl=en&oi=scholarr) | *Ajasra ISSN 2278-3741* | 13 | 298-308 | 2024 |
| 4. | Kumar, S., Kumar, M., Kumar, A., Nehra, B., & Rani, P. | [Synthesis, Estimation, Molecular docking and biological evaluation of methyl piperazine and nitro Mannich bases derivatives](https://scholar.google.com/scholar?cluster=11166144573148863328&hl=en&oi=scholarr) | *Ajasra ISSN 2278-3741* | 13 | 270-287 | 2024 |
| 5. | Nehra, B., Kumar, M., Singh, S., Chawla, V., & Chawla, P. A. | Sojourn of Nitrogenous Heterocycles as Promising Antileishmanial Agents: Medicinal Perspectives and Structure–Activity Relationship Studies | *Chemistry Africa*  |  |  | 2024 |
| 6. | Nehra, B., Kumar, M., Chawla, P. A., & Chawla, V. | Therapeutic Potential of Natural Metabolites Coupled Pyrazole and Its Bio‐Isosteres: Medicinal Perspectives and SAR Studies | *ChemistrySelect*  | 9 | e202400419 | 2024 |
| 7.  | Rani, P., Kumar, M., Sonali, & Nehra, B. | Synthesis and Anti-Inflammatory activity of novel 2-chloro-4-(arylamino)-6,7-dimethoxy quinazoline derivatives | *Der Pharma Chemica* | 15 | 115-118 | 2023 |
| 8. | Lamba, P., Kumar, M., Mudgil, S., Lamba, P., Nehra, B., & Rani, P. | Synthesis, Anti-Inflammatory, Antimicrobial and Antioxidant Evaluation of Novel N-((3-(substituted phenyl)-1-phenyl-1H-pyrazol-4-yl)methylene) naphthalen-1-Amines | *Der Pharma Chemica* | 15 | 105-112 | 2023 |
| 9. | Mudgil, S., Kumar, M., Lamba, P., Nehra, B., & Rani, P. | Synthesis, Anti-Inflammatory and Antimicrobial Evaluation of Novel 2-Phenyl-3-((4-Phenylthiazol-2-Yl) Amino) Thiazolidin-4-One Derivatives | *Open Access Journal of Pharmaceutical Research* | 7 | 00287 | 2023 |
| 10. | Nehra, B., Kumar, M., Singh, S., & Chawla, P. A. | Olutasidenib: A ray of hope in the treatment of acute myeloid leukaemia | *Health Sciences Review* |  | 100100 | 2023 |
| 11. | Lamba, P., Kumar, M., Mudgil, S., Lamba, P., Nehra, B., & Rani, P. | Synthesis, Anti-Inflammatory, Antimicrobial and Antioxidant Evaluation of Novel N-((3-(substituted phenyl)-1-phenyl-1H-pyrazol-4-yl)methylene) naphthalen-1-Amines | *Eur. Chem. Bull.* |  | 12 | 2023 |
| 12 | Mudgil, S., Kumar, M., Lamba, P., Nehra, B., & Rani, P. | Synthesis, Anti-Inflammatory and Antimicrobial Evaluation of Novel 2-Phenyl-3-((4-Phenylthiazol-2-Yl) Amino) Thiazolidin-4-One Derivatives | *Eur. Chem. Bull.* |  | 12 | 2023 |
|  13 | Thakral, S., Yadav, A., Singh, V., Kumar, M., Kumar, P., Narang, R., ... & Emwas, A. H. | Alzheimer's disease: Molecular aspects and treatment opportunities using herbal drugs | *Ageing Research Reviews* | 88 | 101960 | 2023 |
| 14 | Kumar, M., Kumar, V., Singh, V., & Thakral, S. | Synthesis, in silico studies and biological screening of (E)-2-(3-(substitutedstyryl)-5-(substitutedphenyl)-4, 5-dihydropyrazol-1-yl) benzo [d] thiazole derivatives as an anti-oxidant, anti-inflammatory and antimicrobial agents | *BMC chemistry* | 16 | 103 | 2022 |
| 15 | Thakral, S., Narang, R., Kumar, M., & Singh, V. | Synthesis, molecular docking and molecular dynamic simulation studies of 2-chloro-5-[(4-chlorophenyl) sulfamoyl]-N-(alkyl/aryl)-4-nitrobenzamide derivatives as antidiabetic agents | *BMC chemistry* | 14 | 1-16 | 2020 |
| 16 | Kumar, Manoj; Rani, Radha; Kumar, Suresh; | Various aspects of carbohydrates: an overview | International Journal of Recent Advances in Multidisciplinary Research |  | 5 | 2018 |
| 17 | Manoj Kumar, Sunil Sharma Neeru Vasudeva | In vivo assessment of anti-hyperglycemic and antioxidant activity from oil of Linseed in streptozocin induced diabetic rats  | African journal of pharmacy and pharmacology  |  | 7(34) | June 2013 |
| 18 | Manoj Kumar, Sunil Sharma Neeru Vasudeva  | Anti-hyperglycemic and antioxidant potential of oil from Arachis hpogaea L. in streptozotoccin nicotinamide induced diabetic rats  | African journal of pharmacy and pharmacology |  | 7(23) | Sept 2013 |
| 19 | Manoj Kumar, Sunil Sharma Neeru Vasudeva | In vivo assessment of anti-hyperglycemic and antioxidant activity from oil of seeds of Brassica Nigra in streptozocin induced diabetic rats  | Advanced pharmaceutical at bulletin  |  |  | 2013 |
| 20 | Manoj Kumar, Sunil Sharma Neeru Vasudeva | An overview of Diabetes, A Review  | The pharma research journal  |  | 7 | 2013 |

1. Books Chapters etc.

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| --- | --- | --- | --- | --- |
| S. No. | Title | Author’s Name | Publisher | Year of Publication |
| 1. | Delivering cancer chemotherapeutics to the brain through novel drug delivery system | Nehra, B., Kumar, M., Singh, S., Chawla, V., & Chawla, P. A. | Elsevier | 2024 |
| 2.  | Identifying prominent molecular targets in the fight against drug resistance | Nehra, B., Kumar, M., Chawla, P. A., Chawla, V. & Pawar, S. | De Gruyter | 2024 |
| 3.  | Developing safer therapeutic agents through toxicity prediction | Nehra, B., Kumar, M., Chawla, P. A., Chawla, V., Monika, Goel, H., & Najar I. A. | De Gruyter | 2024 |
| 4.  | Role of spectroscopy in drug discovery. *Computational Drug Discovery* | Nehra, B., Kumar, M., Chawla, P. A., & Chawla, V. | De Gruyter | 2024 |
| 5.  | Synthesis of bioactive N, S-heterocycles under solvent-free conditions | Nehra, B., Kumar, M., Singh, S., Chawla, V., & Chawla, P. A. | De Gruyter | 2023 |

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