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| Designation | :Senior Professor, Centre for Biotechnology, MDU, Rohtak. :Incharge Next Generation Sequencing laboratory, ACIL, MDU, Rohtak. :Chairman Institutional Animal Ethical Committee (IAEC) MDU. :Coordinator of DBT-BUILDER Programme. |
| Administrative experience | : Former Director Research (30-09-2019 to 24-08-2023) : Former Director, Centre for Biotechnology MDU, Rohtak (01-03-2018 to 28-02-2021) : Former Director, Centre for Bioinformatics MDU, Rohtak (03-07-2021 to 09-11-2021) & (08-01-2022 to 27-06-2022). :Former HOD Biochemistry, MDU, Rohtak (07-10-2022 to 18-05-2023) |
| Educational Qualification | : M.Sc, PhD, Post Doc (Institute of Genomics and Integrative Biology, Delhi & Austria) |
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| Total Research/Teaching Experience | : 25 Years |
| Research Scholars Supervised (Guided) | : 23 (Awarded) ; 08 (In Progress) |
| Post Doctoral Fellow | : 04 Completed (UGC- DS Kothari, DST) Fast track Young Scientist, women scientist) |
| Book Edited | : 02 |
| Research Project completed | : 04 |
| Ongoing Project | : 02 |

-Coordinator UGC-SAP

-Coordinator DST-FIST

-Investigator In DBT-IPLS Project

- Former Chairman DRC M. D. University Rohtak
- Former Chairman PGBOS M. D. University Rohtak
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- External Expert in DRC meeting at Central University of Haryana, Mahendergarh
- Member Advisory Board Global Initiative for academic Networks (GIAN). M. D. University Rohtak.
- Member of Human Ethical committee, Maharshi Dayanand University Rohtak
- Former Member of Central Purchase Committees, Maharshi Dayanand University Rohtak
- Former Member IIC, Maharshi Dayanand University Rohtak
- Former Member Quality Advisory council (IQAC) M. D. University Rohtak.
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- Member of PG Board of studies DCRUST, Murthal
- Member of Academic Council M. D. University Rohtak.
- Former Member of UG Board of studies CDLU SIRSA
- Member of UG Board of studies DCRUST, Murthal
- Former Chairman of Unfair means committee M. D. University Rohtak.
- Former Member Academic Integrity Panel of M. D. University Rohtak.
- VC nominee and subject expert in various selection committees.
- Member of editorial board of some Journals
- Presented several Invited lectures/ Chaired/ Co- chaired sessions in National and International Conferences/Seminars/ Workshops

List of Research Publication: Anil Kumar Chhillar

1. Choudhary, P and **Chhillar, A. K (2026)**. The clinical spectrum of Aspergillus associated infection in humans: A dignostic and management Approach. *Anti Infective Agents* 24(1): Article ID: e22113525358342
2. Ahlawat V, Sura K, Dangi M, & **Chhillar AK (2025)**. Designing of multi-valent epitope vaccine displaying interactions with diverse HLA alleles against *Candida auris* using immuno-informatics. *Journal of Genetic Engineering & Biotechnology*, 23(1),100474.
3. Kumari S, Choudhary P, Ahlawat V, Dangi M, & **Chhillar AK(2025)**. Antifungal Potential of Endophytic Metabolites Derived from *Staphylococcus*: An In-vitro and In-silico Approach. *Current Bioactive Compounds* 21(5), E250624231304.
4. Kumari S, Gulia P, Choudhary P, Pasrija R, Dangi M & **Chhillar AK (2025)**. Evaluation and characterization of endophytic bacteria from *Capparis decidua* (Forssk.) Edgew for their antifungal and antioxidant activities. *Journal of Applied Biology & Biotechnology*, **13(1)**,192-201.
5. Choudhary P, Punia A, Kumari S and **Chhillar AK (2025)**. Antifungal Agents and Therapeutic Approaches in the Treatment of Invasive Fungal Infections. *Current Bioactive Compounds*; 22 (5), 1-22.
6. Choudhary P, **Chhillar AK**. The Clinical Spectrum of Aspergillus Associated Infection in Humans: A Diagnostic and Management Approach. *Anti-Infective Agents*; 24(1):1-18.

7. Yadav N, Narang J, Rana JS, **Chhillar A K**, & Mohan H (2024). Development of an ultrasensitive electrochemical aptasensor based on aptamer/rGO/SPGE for the detection of Botulinum neurotoxin A(BoTN/A) in food samples. *Microchemical Journal*; 207, 111916.
8. Sharma N and **Chhillar AK** (2024). *In vitro* Ascertainment of Interactions between Kanamycin and Adjuvants against various bacterial species. *Anti Infective Agents*; 22(4): 71-76.
9. Dahiya S and **Chhillar AK** (2024). In-vitro Interactions between Fluconazole and Diphenyl Diselenide against Various Candida Species. *Current Bioactive Compounds*. 20(10): Article No. e150224227008.
10. Ahlawat V, Dangi M and **Chhillar AK** (2024). Epitope-Based Vaccine Development : A detailed overview from *In silico* Vaccine design to wet lab validation. *Chemical Biology Letters*. 11(4): Article No. 675.
11. Kichi A, Jakhar R, Dahiya S, Arya J, Dangi M and **Chhillar AK** (2024). *In silico* and *in vitro* evaluation of designed fluconazole analogues as lanosterol 14 α -demethylase Inhibitors. *Journal of Biomolecular structure and Dynamics*. (42)9: 4553-4566.
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13. Duhan L, Kumari D, Mohammad N, Parmar VS, **Chhillar AK**, Dangi M and Pasrija R (2024). Single-cell transcriptomics: background, technologies, applications, and challenges. *Molecular Biology Reports*. 51(1): Article Number 600.
14. Choudhary P, Punia A, Kumari S, Sharma N, Dahiya S, **Chhillar AK**. Foodborne disease "Campylobacteriosis": Global Epidemiology, Pathogenicity, Diagnosis and Treatment. *The International journal of Gastroenterology and Hepatology Diseases*; 3(1).
15. Kaur S, Saini AK, Tuli HS, Garg N, Joshi H, Varol M, Kaur J, **Chhillar AK** and Saini RV (2024). Polymer-mediated nanoformulations: a promising strategy for cancer immunotherapy. *Naunyn-Schmiedeberg's Archives of Pharmacology*. 397(3): 1311-1326.
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17. Yadav N, Narang J, **Chhillar AK**, Rana JS, Siddique M, Usman M, EI-Refai K, Saad A, Hasan MN, Nayak AK, Hasnain MS (2024). Diagnostic methods employing kidney biomarkers.
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21. Behl A, Wani ZA, Das NN, Parmar VS, Len C, Malhotra S, and **Chhillar AK**(2023). Monoclonal antibodies in Breast Cancer: A critical Appraisal. *Critical Reviews in Oncology/ Hepatology*. **183**: Article number 103915.
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26. Behl A, Das NN, Sharma KK, Sharma N, Gulia P and **Chhillar AK** (2023). Computational design for identification of human anti-MUC1 heteroclitic peptides in treatment of HER2-positive breast cancer through neural network training and monomeric based design. *Current Cancer Drug Targets* 23(3):235-241.
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30. Yadav N, Garg VK, **Chhillar AK**, Rana JS (2023). Recent advances in nanotechnology for the improvement of conventional agricultural systems: A review. *Plant Nano Biology* 4, 100032.
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49. Behl A, Parmar VS, Malhotra S, and **Chhillar AK** (2020). Biodegradable diblock copolymeric PEG- PCL nanoparticles: Synthesis, characterization and applications as anticancer drug delivery agents. *Polymer*; 207: 122901.
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51. Chahal AK, Chandan G, Kumar R, **Chhillar AK**, Saini AK and Saini RV (2020). Bioactive constituents of *Embllica officinalis* overcome oxidative stress in mammalian cells by inhibiting hyperoxidation of peroxiredoxins. *Journal of food Biochemistry*; **44(2)**: Article number e13115.
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55. Yadav N, Ganie AS, Singh B, **Chhillar AK** and Yadav SS (2019). 124 constituents and ethnopharmacological properties of *Ageratum Conyzoides* L. *Phytotherapy Research*. **33(9)**: 2163-2178.
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