



BIODATA

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Book Edited : **01**
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-Program Coordinator DBT- BUILDER Project

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- Former Chairman DRC M. D. University Rohtak
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- 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
- Chaired/ Co- chaired sessions in National and International Conferences/Seminars/ Workshops

List of Publication:

1. Namita Sharma and **Anil Kumar Chhillar** (2024) In vitro Ascertainment of Interactions between Kanamycin and Adjuvants against various various bacterial species. *Anti Infective Agents*. **22(4)**: 71-76.
2. Sweety Dahiya and **Anil Kumar Chhillar** (2024) In-vitro Interactions between Fluconazole and Diphenyl Diselenide against Various Candida Species. *Current Bioactive compound*. *Current Bioactive Compounds*.**20(10)**: Article No. e150224227008.
3. Vishali Ahlawat, Mehak Dangi and **Anil Kumar Chhillar (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.
4. Kichi Alka, Jakhar R, Dahiya S, Arya J, Dangi M and **Anil K. Chhillar (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.
5. Ritu Pasrija, Deepika Kumari, Swati Wadhwan, **Anil Kumar Chhillar** and Vineet Mittal (2024). The *Zanthoxylum armatum* fruit's oil exterminates *Candida* cells by Inhibiting ergosterol biosynthesis without generating reactive oxygen species. *International Microbiology*.27(2): 423-434
 6. Lucky Duhan, Deepika Kumari, Naime, Mohammad, Virender.S. Parmar, **Anil K. Chhillar**, Mehak Dangi and Ritu Pasrija (2024) Single-cell transcriptomics: background, technologies, applications, and challenges. *Molecular Biology Reports*. **51(1)**: Article Number 600.
 7. Simaranjit Kaur, Adesh K. Saini, Hardeep Singh Tuli, Nancy Garg, Hemant Joshi, Mehmet Varol, Jagit Kaur, **Anil K. Chhillar** and Reena V Saini (2024) Polymer-mediated nanoformulations: a promising strategy for cancer immunotherapy. *Naunyn-Schmiedeberg's Archives of Pharmacology*. **397(3)**: 1311-1326.
 8. Lucky Duhan, Manoharlal Raman, Deepak Kumar, Deepika Kumari, Mamta Saini, G.V.S. Saiparsad, **Anil K. Chhillar** and Ritu Pasrija (2024). Phytohormones mediated antifungal resistance against *Fusarium oxysporum*. *Acta Physiologiae Plantarum*.**46(4)**: Article Number 37.
 9. Yadav, Neelam, Narang, Jagriti, **Anil K. Chhillar**, Jogender Singh Rana, Mohd Siddique, Mohd Usman, Kenawy EI-Refaie, Alkhtani Saad, Mohd Neyaz Hasan, Amit Kumar Nayak, Md sakquib Hasnain (2024). Diagnostic methods employing kidney biomarkers clinching biosensors as promising tools. (5): Article Number 100253.
 10. Akanksha Behl, Zahoor. A. Wani, Nagendra Nath.Das, Virender.S. Parmar, Christophe Len Shashwat Malhotra, and **Anil K. Chhillar**.(2023) Monoclonal antibodies in Breast Cancer: A critical Appraisal. *Critical Reviews in Oncology/ Hepatology*. **183**: Article number 103915
 11. Jakhar R, Kichi Alka, Kumar D, Sura Kiran, Bhoomika, Dangi M and **Anil K. Chhillar** (2023). Development of pharmacophore model to identify potential DNA gyrase inhibitors. *Journal of Biomolecular structure and Dynamics*.41(19): 10125 - 10135.
 12. Verma Annu, Jakhar R, Kumar D, Kumar Vijay, Dhillon T, Dangi M and **Anil K. Chhillar** (2023). A computational approach to discover antioxidant and anti-inflammatory attributes of silymarin derived from *Silybum marianum* by comparison with hydroxytyrosol. **41(20)**: 11101 - 11121
 13. Sura Kiran, Rohilla H, Kumar D, Jakhar R, Ahlawat V, Kaushik D, Dangi M and **Anil Kumar Chhillar** (2023) Exploring structural antigens of yellow fever virus to

design multi-epitope subunit vaccine candidate by utilizing an immuno-informatics approach. *Journal of Genetic engineering and Biotechnology*. **21(1) Article Number 161.**

14. Akanksha Behl and **Anil K. Chhillar**.(2023) Nano-Based drug delivery of anticancer chemotherapeutic drugs targeting breast cancer. **Recent Patents on Anti-Cancer Drug Discovery 18(3): 325–342**
15. Akanksha Behl ,Nagendra Nath Das ,Krishan Kant Sharma, Namita Sharma ,Prity Gulia and **Anil Kumar Chhillar**.(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*
16. Akanksha Behl, Subhash Singh Solanki, Shravan Kumar Paswan, Tirtha Kumar Datta,Adesh K. Saini, Reena V Saini, Shashwat Malhotra, Virinder S. Parmar and **Anil K. Chhillar**.(2023) Biodegradable PEG-PCL nanoparticles for co-delivery of Doxorubicin and MUC1 inhibitor to confine the growth of Triple-negative breast cancer. *Journal of Polymers and the Environment 31(3): 999–1018.*
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21. S. Ruhil, V. Kumar, M. Malik, M. Balhara, **A. K. Chhillar.** (2022). “Characterization of Therapeutic Targets from Aspergillus Fumigates in Response to Adjunctive Combination Therapy (Ketoconazole with EDTA).” *Anti-Infective Agents* 20(1):10–27.
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Candida Species.” *Current Drug Targets* 23(2):116–25.

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