




INSTITUTE OF HOME ECONOMICS
UNIVERSITY OF DELHI



Name	Dr Ashok Saini	Photograph
Designation	Assistant Professor (Adhoc)	
E-mail	ashok.saini@ihe.du.ac.in	
Educational Qualifications: M.Sc. (Biotech), Ph.D.		
Teaching experience: 8 yrs		
Subjects/Papers Taught Introduction to Microbiology, Cell Biology, Instrumentation & Biotechniques, Microbial Biotechnology, Food Microbiology, Molecular Biology, Bacteriology & Virology		
Awards received CSIR-JRF and SRF; UGC-JRF; ICMR-JRF; DBT-JRF		
Research Interest/Specialization Biotechnology and Microbiology		
ORCID No. https://orcid.org/0000-0001-6530-4281		
Research Projects		
Title	Funding agency/ organization	Duration of Project
A project cum training was done on the topic “Studies on the production of an alkaline protease from a bacterial isolate” at Institute of Microbial Technology (IMTECH), Chandigarh	CSIR-IMTECH	1.5 months
A project work was done on the topic “Callusing, Somatic Embryogenesis & Agrobacterium mediated transformation of GUS gene in <i>Sapindus trifoliatus</i> ” at Kumaun University, Nainital	Dept of Biotech, Kumaun University	4 months

Research papers since 2010 (APA format)

Dubey, R. N., Nakwal, N., Bisht, K. K., **Saini, A.**, Haldar, S., & Singh, J. (2009). Interaction of APC/C-E3 ligase with Swi6/HP1 and Clr4/Suv39 in heterochromatin assembly in fission yeast. *The Journal of biological chemistry*, 284(11), 7165–7176. ISSN 0021–9258 <https://doi.org/10.1074/jbc.M806461200>

Haldar, S., **Saini, A.**, Nanda, J. S., Saini, S., & Singh, J. (2011). Role of Swi6/HP1 self-association-mediated recruitment of Clr4/Suv39 in establishment and maintenance of heterochromatin in fission yeast. *The Journal of biological chemistry*, 286(11), 9308–9320. ISSN 00219258 <https://doi.org/10.1074/jbc.M110.143198>

Shukla, P., Singh, B., **Saini, A.**, Thakur, J., Haldar, S., & Singh, J. (2016). Efficient PCR based epitope gene tagging in *S. pombe*. *Current Science*, 110(2), 146-148. ISSN 0011-3891

Shembekar, N., Mallajosyula, V. V., Malik, A., **Saini, A.**, Varadarajan, R., & Gupta, S. K. (2016). Neutralization and Binding Profile of Monoclonal Antibodies Generated Against Influenza A H1N1 Viruses. *Monoclonal antibodies in immunodiagnosis and immunotherapy*, 35(4), 191–198. ISSN: 2167-9436 <https://doi.org/10.1089/mab.2016.0015>

Aggarwal, S., Bhardwaj, M., Singh, P., Shukla, H., **Saini, A.**, & Suri, M. (2021). Attitude and Awareness about Antimicrobial Usage and Resistance in Delhi, India. *Journal of Advanced Scientific Research*, 12(1) Suppl 1, 317-325. ISSN: 0976-9595.

Book chapters published/edited

Saini, A., Yadav, S., Vasdev, K (2020) Enzyme Biosensors. *Advances in Biosensors: Reviews Volume 3*, pp 223-272; S. Yurish (Ed.) International Frequency Sensor Association Publishing International, ISSN: 8409251256

Yadav, S., **Saini, A.**, Vasdev, K (2020) Nanobiosensors. *Advances in Biosensors: Reviews Volume 3*, pp 273-333/S. Yurish (Ed.) International Frequency Sensor Association Publishing International, ISSN- 8409251256

Sehgal, S., Aggarwal, S., **Saini, A.**, Thakur, M., Soni, K. (2022). Smart Monitoring and Surveillance of Food Contamination. In: Sehgal, S., Singh, B., Sharma, V. (eds) *Smart and Sustainable Food Technologies*. Springer, Singapore. Print ISBN: 978-981-19-1745-5 https://doi.org/10.1007/978-981-19-1746-2_9

Saini A., Yadav S, Mani I (2022) Chapter 14 - DNA/RNA-based self-assemblies for bio-sensing, Editor(s): Alok Pandya, Rajesh S. Bhosale, Vijai Singh; *Design, Principle and Application of Self-Assembled Nanobiomaterials in Biology and Medicine*, Academic Press, Pages 227-249, ISBN 9780323909846, <https://doi.org/10.1016/B978-0-323-90984-6.00004-0>.

Association with Professional Societies

Any other

- Done DL-101 General Course on Intellectual Property from WIPO, Geneva, Switzerland.
- Done DL-204E Biotechnology and IPR from WIPO, Geneva, Switzerland.
- Done one year Post Graduate Diploma in Intellectual Property Rights (PGDIPR) from IGNOU, New Delhi.