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Web-Page/Bio-data	https://scholar.google.com/citations?user=wT1KpdYAAAAJ&hl=en		
Academic Qualifications:	DBT-Post Doctrate Fellow Ph.D. (UGC-CSIR) NET M.Sc. (H) Microbiology		
Teaching Experience (Year)	10 years	Research Experience (Year)	15+
Area of Research/ Specialization	Hypereosinophilic diseases, Asthma, Allergy, Leukemias, Molecular mechanisms of drug targeting (Surfactant protein-D, Ayurvedic Medicines, etc), Microbial enzymes		
Publications	PCT (U.S.) Patent: 1 Publications in National and International Journals: 10 Chapters in Edited Books: 6 Papers presented in Conferences: 10		
Patent	PCT (U.S.) Patent application number: 20080255043 , published 16-10-2008.: Mahajan Lakshna, Sarma P Usha, Kishore Uday, Madan Taruna. “Human Lung Surfactant Protein, SP-D, Modulates Eosinophil Activation And Survival And Enhances Phagocytosis Of Apoptotic Eosinophils” (Indian patent Ref 153NF2006)		
Research Publications	1. Tripathi A. H., Kumari A., Chand G., Kumar R., Durgapal A., Mahajan L., Joshi P. and Upadhyay S.K. An overview of phytomedicinal, ethnobotanical applications and phytochemical constituents of four major Agave species. Indian Journal of Natural Products and Resources. 2023 Jun; 14(2), June 2023, pp. 148-161. [Impact factor: 0.192, ISSN: 0976-0512]. 2. Mahajan, L., Saxena, S., Sarma, P. U. Phosphorus Compounds: Their Discovery in Biological World. Indian J Clin Biochem. 2018. 33(3):243-245. [Impact Factor: 0.38, ISSN: 0970-1915]. 3. Singh, M*., Mahajan, L.*, Chaudhary, N., Kaur, S., Madan, T., Sarma, P. U. Murine models of Aspergillosis: Role of collectins in host defense. Indian Journal of Experimental Biology (IJEB). 2015. Vol. 53(11):691-700. *(Both authors		

	contributed equally). [Impact factor: 0.934, ISSN:0019-5189]. 4. Mahajan L, Gautam P, Dodagatta-Marri E, Madan T, Kishore U. Surfactant protein SP-D modulates activity of immune cells: proteomic profiling of its interaction with eosinophilic cells. Expert Rev Proteomics. 2014 Jun;11(3):355-69. [Impact factor: 2.973, ISSN: 1744-8387, (Citations: 18)]. 5. Mahajan L, Pandit H, Madan T, Gautam P, Yadav AK, Warke H, Sundaram CS, Sirdeshmukh R, Sarma PU, Kishore U, Surolia A. Human surfactant protein D alters oxidative stress and HMGA1 expression to induce p53 apoptotic pathway in eosinophil leukemic cell line. PLoS One. 2013 Dec 31;8(12):e85046. [Impact factor: 4.24, ISSN · 1932-6203, (Citations: 26)]. 6. Qaseem A. F., Sonar S., Mahajan L., Madan T., Sorensen G. L., Shamji M. H., Kishore, U. 2013. Linking surfactant protein SP-D and IL-13: Implications in asthma and allergy. Mol Immunol. 54(1):98-107. [Impact factor: 3.064, ISSN: 0161-5890, (Citations: 44)]. 7. Chaudhary N., Mahajan L., Madan T., Kumar A., Raghava G. P., Katti S. B., Haq W., Sarma P.U.. 2009. Prophylactic and Therapeutic Potential of Asp f1 Epitopes in Naïve and Sensitized BALB/c Mice. Immune Netw. 9(5):179-91. [Impact factor: 3.111, ISSN: 1598-2629, (Citations: 3)]. 8. Upadhyay S. K., Mahajan L., Ramjee S., Singh Y., Basir S.F., Madan T. 2009. Identification and characterization of a laminin-binding protein of Aspergillus fumigatus: extracellular thaumatin domain protein (AfCalAp). J Med Microbiol. 58(Pt 6):714-22. [Impact factor: 2.297, ISSN: 1473-5644, (Citations: 25)]. 9. Mahajan L., Madan T., Kamal N., Singh V. K., Sim R. B., Telang S. D., Ramchand C. N., Waters P., Kishore U. and Sarma P. U. 2008. Recombinant surfactant protein-D selectively increases apoptosis in eosinophils of allergic asthmatics and enhances uptake of apoptotic eosinophils by macrophages. International Immunology. 20(8):993-1007. [Impact factor: 3.234, ISSN 1460-2377, (Citations: 41)]. 10. Beg Q. K., Kapoor M., Mahajan L. and Hoondal G.S.. 2001. Microbial xylanases and their industrial applications: a review. Appl Microbiol Biotechnol. 56(3-4): 326-38. [Impact factor: 3.689, ISSN: 1432-0614 (Citations: 1616)].
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Book Chapters

1. **Mahajan L.**, Thakur G., Kaur A., Bulla R., Kishore U., and Madan T. (2021). Chapter “Surfactant Protein D in Immune Surveillance Against Cancer” for book “The Collectin Protein Family and Its Multiple Biological Activities”, **Springer Nature Switzerland AG**, pp.147-163 (ISBN:978-3-030-67047-4), Edition Number:1
2. A. Archana, **Lakshna Mahajan**, Safikur Rahman, R. Minakshi (2019). Invited Chapter “Post Translational Modifications In Human Therapeutics Produced In Plant-Expression Systems” for book “Dar - Protein Modificomics” **Elesvier Publications**, pp. 145-169 (ISBN: 978-0128119136).
3. **Lakshna Mahajan** and Ram Singh. **2017**. Chapter on “Nutritional Deficiencies and Diseases associated with Alcoholism”, accepted for book “Alcoholism: Causes, Symptoms, Effects and Treatments”. **Manakin Press Private Limited**, New Delhi, India. ISBN 9789386677488
4. **Lakshna Mahajan**, Santosh K. Upadhyay, A. Archana, Poonam Gautam. **2016**. Chapter on “Gut microbiota and human health” (Chapter.ID_36581), accepted for book “Industrial Microbiology: Microbes in Action” (Book ID: 5599) **Nova Publishers, USA**. ISBN: 978-1-63484-491-8
5. Tapish Dogra, **Lakshna Mahajan**, Santosh K. Upadhyay and Poonam Gautam. **2016**. Chapter on “Human Pathogenic Fungi and their Survival Mechanisms in the Host” Chapter ID (Chapter ID: _36585), accepted for book “Industrial Microbiology: Microbes in Action” (Book ID: 5599) **Nova Publishers, USA**. ISBN: 978-1-63484-520-5
6. Rini Joshi, Tara Singh Bisht, **Lakshna Mahajan**, Poonam Gautam, Santosh Kumar Upadhyay. **2016**. Chapter on “Use of microbes in production of vaccines”, accepted for book “Industrial Microbiology: Microbes in Action” (Book ID: 5599) **Nova Publishers, USA**. ISBN: 978-1-63484-520-5.