

Zoology Faculty Publications

Dr. Meenakshi Thakur

1. **Thakur M**, Bhardwaj S, Singh J, Senrunga A, Singh J. Three Years of Covid-19-A Review on India's Journey through Different Variants and Waves. IJRTI 2023. Volume 8, Issue 1, ISSN:2456-3315.
2. **Thakur M**, Bhardwaj S, Singh J. Monkeypox: Endemic to Epidemic, A review of the current scenario of Monkeypox disease. IJRTI 2022. Volume 7, Issue 6, ISSN:2456-3315.
3. Senrunga A, John Linglee Anal, **Thakur M**. COVID-19 Incidence, Transmission and Best Containment Practices: Study of India, Global Pandemic: Responses and Solutions, 2021 Shree Vinayaka Publication, Agra, ISBN: 978-93-91267-07-0.
4. **Thakur M**, Anna Senrunga, John Linglee Anal. Covid 19-A Lesson for Protecting Biodiversity, Global Pandemic: Responses and Solutions, 2021, Shree Vinayak Publication, Agra, ISBN: 978-93-91267-07-0
5. Thakur C.P, **M Thakur**. Accelerating kala-azar elimination in India. Indian J Med Res 152, December 2020, pp 538-540.
6. Narayan S, Thakur C.P Bahadur S, **Thakur M**, Pandey SN, Thakur AK, Mitra DK, Mukherjee. Cedrus deodara: In vitro antileishmanial efficacy immunomodulatory activity. Indian J Med Res 146, December 2017, pp 780-787.
7. Thakur C.P, Narayan S, Bahadur S, **Thakur M**, Pandey SN, Kumar P, Misra P, Mukerjee PK, Mitra DK. Anti-leishmanial activity of Agave Americana L, A traditional Indian medicinal plant. Indian Journal of Traditional Knowledge Vol;14(4), October 2015, pp 658-663.
8. Thakur CP, Kumar A, **Thakur M**, Thakur S. Newer strategies for the kala-azar elimination programme in India. Indian J Med Res 129, January 2009, pp 102-104.

9. Thakur CP, Kumar A, Mitra G, Thakur S, **Thakur M.** Pharmacovigilance kala-azar patients with severe thrombocytopenia caused by sodium antimony gluconate & miltefosine. Indian J Med Res 146,July 2007,pp 73-75.

MS. ANNA SENRUNG

1. Thakur K., Janjua D., Shishodia G., Chhokar A., Aggarwal N., Yadav J., Tripathi T., Chaudhary A., **Senrung A.**, Bharti A.C. Investigation of Molecular Mechanisms Underlying JAK/STAT Signaling Pathway in HPV-induced Cervical Carcinogenesis using „Omics“ Approach (2022), Medical Oncology. 12;39(12):255. doi: 10.1007/s12032-022-01854-1. PMID: 36224441.
2. Thakur M., Bhardwaj S., Singh J., **Senrung A.**, Singh J. Three Years of Covid-19 – A Review on India’s Journey through Different Variants and Waves (2023), IJRTI, 8(1), ISSN: 2456-3315.
3. **Anna Senrung**, John Linglee Anal, Meenakshi Thakur (2021), COVID-19 Incidence, Transmission and Best Containment Practices: Study of India, Global Pandemic: Responses and Solutions, Shree Vinayak Publication, Agra, ISBN: 978-93-91267-07-0.
4. Meenakshi Thakur, **Anna Senrung**, John Linglee Anal (2021), Covid 19-A Lesson for Protecting Biodiversity, Global Pandemic: Responses and Solutions, Shree Vinayak Publication, Agra, ISBN: 978-93-91267-07-0
5. SR. John Linglee Anal and **Anna Senrung** (2019). Brief Account of the Folklore of the Tribes of Chandel District, Manipur, India”. International Conference on “North East India: Exploring Philosophy, Culture & Environmental Sustainability”. ISBN: 978-93-85822-90-2
6. **Anna Senrung**, John Linglee Anal, Prerna Joshi, Gunjan Malik, Sonali Jha, Saumya Avasthy (2018). Indigenous Fermented Food Habits of Manipur and Nagaland. National Conference on, “North East India: The Untapped Tourism Industry”. ISBN: 978-93-85822-65-0.
7. **Anna Senrung**, John Linglee Anal, Tanya Aggarwal, Kaushki Pandey (2018). North East India: The Untapped Tourism Industry. National Conference on, “North East India: The Untapped Tourism Industry”. ISBN: 978-93-85822-65-0.
8. Jyotsna Singh, **Anna Senrung**, Smriti Sharma, Tenzin Nyibum Bhutia, Mayanglambam Rojina, Ashok Kumar Singh (2017). Influence of temperature on the survival and development

of cowpea aphid, *Aphis craccivora* (Hemiptera: Aphididae). Indian Journal of Entomology. 79(1):111-114. Print ISSN: 0367-8288. Online ISSN: 0974-8172.

9. **Anna Senrung**, Jyotsna Singh, Smriti Sharma, Tenzin Nyibum Bhutia, Ashok Kumar Singh (2014). Effect of *Murraya Koenigii* extracts on the feeding and oviposition response of *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae). Journal of Entomology and Zoological studies. 2 (3): 27-31. ISSN 2320-7078.
10. Smriti Sharma, **Anna Senrung**, Ashok Kumar Singh (2014). Toxic effect of neem, *Azadirachta indica* (A. Juss) foliage extracts against diamondback moth (DBM), *Plutella xylostella* (L.) (Lepidoptera, Plutellidae). JBiopest. 7(1): 1-7. ISSN 2230-8385.

E-Chapters:

1. Manoj Kumar Kashyap, Anjali Bhat, Divya Janjua, Rashmi Rao, Kulbhushan Thakur, Arun Chhokar, Nikita Aggarwal, Joni Yadav, Tanya Tripathi, Apoorva Chaudhary, **Anna Senrung**, Alok Chandra Bharti. Role of angiotensin in different malignancies (2023). <https://doi.org/10.1016/B978-0-323-99618-1.00019-2>.
2. Yadav, J., Aggarwal, N., Chaudhary, A., Tripathi, T., Baruah, D., Chhakara, S., Janjua, D., Chhokar, K., Thakur, K., **Senrung, A.**, Chandra Bharti, A. (2022). Role of Exosomes in Tumor Induced Neo-Angiogenesis. IntechOpen. doi: 10.5772/intechopen.104400.

Books/Papers Edited:

1. North East India: Exploring Philosophy, Culture & Environmental Sustainability. Krishi Sanskriti Publications. March- 2018. ISBN: 978-93-85822-90-2
2. North East India: The Untapped Tourism Industry. Krishi Sanskriti Publications. March- 2018. ISBN: 978-93-85822-65-0

E-Content for Undergraduate and Postgraduate Course:

1. Developed E-lesson for Postgraduate Course entitled, “Neuro-endocrine Physiology: Classification of Hormones” for NME-ICT in Zoology under MHRD Project. 2017.
2. Developed E-lesson for Postgraduate Course entitled, “Neuro-endocrine Physiology: Hypothalamic Hormones for NME-ICT in Zoology under MHRD Project. 2017.
3. Developed E-lesson for Undergraduate Course entitled, “Morphology & Physiology of *Paramecium*” of paper Non-chordata (Subject Zoology) (2015). Virtual Learning

Environment, Institute of Lifelong Learning, University of Delhi. ISSN-2349-154X.
<http://vle.du.ac.in/mod/resource/view.php?id=10731>

4. Developed E-lesson for Undergraduate Course entitled, “Mitosis and Meiosis: A genetic perspective” (2015) for NME-ICT in Zoology. ISSN-2349-154X.
<http://vle.du.ac.in/mod/tab/view.php?id=8144#tab6>
5. Co-authored E-lesson for Undergraduate Course entitled, “Extension of Mendelian Genetics” (2015) for NME-ICT in Zoology. ISSN-2349-154X.
<http://vle.du.ac.in/mod/tab/view.php?id=8144#tab6>
6. Co-authored E-lesson for Undergraduate Course entitled, “Linkage and Crossing-over” (2015)) for NME-ICT in Zoology. ISSN# 2349-154X.
<http://vle.du.ac.in/mod/tab/view.php?id=8144#tab6>

DR. JYOTI TANEJA

Publications

1. Hesitancy and acceptance of COVID-19 vaccination amidst the second wave of pandemic in India : A General Population study, February 8 2022, **Taneja J et al.**,
<http://doi.org/10.1177/10105395221077062>
2. Adverse events and breakthrough infections associated with COVID-19 in the Indian population 8th March 2022, **Taneja J et al.**, <https://doi.org/10.1002/jmv.27708>
3. Association of gender, age and comorbidities with COVID-19 infection in India, **Taneja J et al.**, J. Integr. Sci. Technol. 2022, 10(2), 61-66
4. Association of ABO blood group with susceptibility, severity and breakthrough COVID-19 infections in Indian Population, **Taneja et al.**, J. Integr. Sci. Technol. 2022, 10(1), 24-28
5. Studies on Polycystic Ovary syndrome risk: Efficacy of Self Assessment Test, Highlights on medicine and medicinal science, **Taneja J et al.**, DOI:10.9734/bpi/hmms/v13/11007D, Chapter-11, Authored eBook ISBN: 978-93-91473-78-5, eBooks ISBN 978-93-91473-77-8
6. Magnitude and associated factors of menstrual irregularity among young girls: A cross-sectional study during COVID-19 second wave in India. **Taneja et al.**, Journal of Family Medicine and Primary Care 11(12):p 7769-7775, December 2022. | DOI: 10.4103/jfmpe.jfmpe_1201_22

7. Polycystic ovary syndrome risk: efficacy of self-assessment test; **Taneja J et al.** Int J Reprod Contracept Obstet Gynecol. 2020;; 2020 Jul;9(7):2915-2920, pISSN-2320-1770, eISSN-2320-1789
8. Biochemical effects of heat Stress and Acclimation, **Taneja et al.**, DU Journal of Undergraduate Research and Innovation; Vol 1; Issue 3; pp 49-56; 2015, *IF: 0.786*, ISSN:2395-2334
9. Data in support of FSH induction of IRS-2 in Human Granulosa Cells through SP1 transcription factor. Kaur S, Anjali G, Bhardwaj P, **Taneja J** and Rita Singh. Data in Brief, 6(2016) 162-167
10. FSH stimulates IRS-2 expression in Human Granulosa cells through cAMP/SP1, an Inoperative FSH action in PCOS patients, Anjali G., Kaur S., Lakra R., **Taneja J.**, Kalsey G.S., Nagendra A., Shrivastav T.G., Gouri Devi M., Malhotra N., Kriplani A and Rita Singh, 27, Cellular Signaling. 2015, 2452-2466
11. Comparative Analyses of Symptoms, Severity and Breakthrough Infections During Three Waves of COVID-19 in India. Manuscript communicated.

E-CHAPTER

1. Concept of expressing cloned genes in animal cells, Authors Jyoti Taneja and Sonika Sharma, Publication date 2015, Publisher: Institute of life long learning.

DR. MADHU

1. **Singh M.** and Singh D.K. (2013). Biodegradation of Endosulfan in Broth Medium and in Soil Microcosm by *Klebsiella* sp. M3. Bulletin of Environmental Contamination and Toxicology. DOI 10.1007/s00128-013-1168-3. ISSN: 007-4861..
2. **Singh M.** and Singh D.K. (2013). Endosulfan induced alteration in bacterial protein profile and RNA yield of *Klebsiella* sp. M3, *Achromobacter* sp. M6, and *Rhodococcus* sp. M2. Journal of Hazardous Materials. DOI 10.1016/j.jhazmat.2013.11.061. ISSN: 0304-3894
3. Chitra Bhasin^{1*}, Padmshree Mudgal^{2*}, Adita Joshi^{4,5*}, Anita Garg Mangla², **Madhu**¹, Varsha Singh², Sakshi Jain², Kritika Sharma², Kirti Saluja², Yogita Kapoor², Priyanka Kandola¹, Maniki Mathur¹, Nikita Khatri¹, Alisha Arora¹, Simran Motwani², Sakshi Jain², Arushi Taneja², Surbhi Chauhan², Kanika Arora³, Surbhi Pandey³, Ritika Chaudhary³. (2016). Zebrafish Early Stage Developmental Defects as Indicator of Site Specific Water Composition

of River Yamuna. DU Journal of Undergraduate Research and Innovation. Volume 2, Issue 1
pp 40-55. ISSN: 2395-2334.

DR. SONIKA SHARMA

1. Sonika Sharma (2013). 'Cloning: History and Advances' Shodh Kalpataru (An International Multidisciplinary Research Journal, A Refereed Journal Published Tri-monthly), No.11 , October-December 2013, pp. 354-357, (ISSN-2249-6114)
2. Sonika Sharma(2013). 'Tuberculosis: Causative agent and Types' Sambhavya (International Research journal of Indian Cultural, Social and Educational Stream, A Refereed journal Published Tri monthly) No.1 October –December 2013,pp.353-360 (ISSN-0976-9358)

E-CHAPTER

1. Concept of expressing cloned genes in animal cells, Authors Jyoti Taneja and Sonika Sharma, Publication date 2015, Publisher: Institute of life long learning.

DR. JYOTI SINGH

1. Malik S, **Singh J**, Trivedi A K, Singh S, Rani S, and Kumar V. (2015) [Nocturnal melatonin levels decode daily light environment and reflect seasonal states in night-migratory blackheaded bunting \(*Emberiza melanocephala*\)](#). Photochemical and Photobiological Sciences 03/2015; 14(5). Impact factor 2.94
2. **Singh J**, Rani S, and Kumar V. (2012) Functional similarity in relation to the external environment between circadian behavioral and melatonin rhythms in the subtropical Indian weaver bird Hormone and Behaviour, 61:4, 527-534. Impact factor 4.21 Impact factor 4.21
3. **Singh J**, Rastogi A, Rani S, and Kumar V. (2012) Food Availability Affects Circadian Clock Controlled Activity and Zugunruhe in Night Migratory Male Blackheaded Bunting (*Emberiza melanocephala*). Chronobiology International 29:1, 15-25. Impact factor 5.56

4. **Singh J**, Budki P, Rani S, and Kumar V. (2011) Temperature alters the photoperiodically controlled phenologies linked with migration and reproduction in a night-migratory songbird. *Proceeding of Royal Society B*. doi:10.1098/rspb.2011.1062. Impact factor 5.06
5. **Singh J**, Rani S, and Kumar V. (2010) Presence of a conspecific renders survival advantages in the migratory redheaded bunting: test through the effects of restricted feeding on circadian response and survivorship. *Chronobiology International*. 27:1,111-127. Impact factor 5.56
6. Rani S, Singh S, Malik S, **Singh J** and Kumar V. (2009) Synchronization of Indian weaver bird circadian rhythm to food and light zeitgebers: Role of pineal. *Chronobiology International*. 26:4, 653-665. Impact factor 5.56.
7. Thakur M., Bhardwaj S., Singh J., Senrunga A., **Singh J**. Three Years of Covid-19 – A Review on India’s Journey through Different Variants and Waves (2023), *IJRTI*, 8(1), ISSN: 2456-3315.

Publication (Conference Proceeding)

1. **Singh J**, Budki P, Rani S, Kumar V. (2008) Regulation of seasonal responses in Birds: Role of photoperiod and Biological Clocks. *Proceeding of the 4th CPB meeting in Africa: MARA 2008, “Molecules to Migration: The Pressures of Life”*, Madimond pp 487-496.
2. Rani S, Malik S, **Singh J**, Singh S, Kumar V. (2008) The photoperiodic and circadian Control of Migratory restlessness (Zugunruhe) in Palaearctic – Indian Migratory Bunting: A new model for Studying the Migratory Physiology. *Proceeding 4th CPB meeting in Africa: MARA 2008, “Molecules to Migration: The Pressures of Life”*, Madimond pp 551-557.

Publication (Chapters in Books)

1. Neha Niharika, Sunita K. Yadav, **Jyoti Singh**. Chapter: Cytokines in the book ‘An interplay of cellular and molecular components of immunology’. December 2022. ISBN: 9781003286424. CRC Press (Taylor and Francis)

DR. NEHA NIHARIKA

1. **Niharika, N.**, H, Moskalikova., Kaur, J., M, Sedlackova A, Hampl., Damborsky, J., Z, Prokop and Lal, R. 2013. *Novophingobium barchiamii* LL02^T sp. nov., isolated from a hexachlorocyclohexane (HCH) dump site. *Int J Syst Evol Microbiol.* 63:667 – 672. [ISSN : 1466-5026, Impact factor: 2.268]
2. **Niharika, N.**, Moskalikova, H., Kaur, J., Khan, F., Sedlackova, M., Hampl, A., Damborsky, J., Prokop, Z., and Lal R. 2013. *Sphingobium czechense* LL01^T sp. nov., isolated from a hexachlorocyclohexane (HCH) dump site. *Int J Syst Evol Microbiol.* 63:723 – 728. [ISSN : 1466-5026, Impact factor: 2.268]
3. **Niharika, N.**, Jindal, S., Kaur, J., and Lal R. 2012. *Sphingomonas indica* sp. nov., isolated from HCH contaminated soil. *Int J Syst Evol Microbiol.* 62, 2997–3002. [ISSN : 1466-5026, Impact factor: 2.268]
4. Dwivedi, V., **Niharika, N** and Lal, R. 2012. *Pontibacter lucknowensis* isolated from hexachlorocyclohexane dump site. *Int J Syst Evol Microbiol* 63: 309–313. [ISSN : 1466-5026, Impact factor: 2.268]
5. Kaur, J[#]., Moskalikova, H[#]., **Niharika, N[#]**., Khan, F., Sedlackova, M., Hampl, A., Damborsky, J., Prokop, Z., and Lal R. 2013. *Sphingobium baderi* LL03^T sp. nov., isolated from HCH contaminated soil. *Int J Syst Evol Microbiol.* 63:673 – 678. [ISSN : 1466-5026, Impact factor: 2.268]([#] contributed equally)
6. Sharma, P., Jindal, S., Kiran, B., Kumari, K., **Niharika, N.**, Kaur, J., Pandey, G., Pandey, R., Russell, R. and Lal, R. Functional Screening of Enzymes and Bacteria for the Dechlorination of Hexachlorocyclohexane by a High-Throughput Colorimetric Assay. *Biodegradation* (doi 10.1007/s10532-013-9650-5). [ISSN : 0923-9820, Impact factor: 2.173]
7. Kaur, J., Kaur, J., **Niharika, N** and Lal, R. 2012. *Sphingomonas laterariae* LNB2^T sp. nov. Isolated from hexachlorocyclohexane (HCH) contaminated dumpsite in Lucknow. *Int J Syst Evol Microbiol.* 62, 2891–2896. [ISSN : 1466-5026, Impact factor: 2.268]

- 8. Niharika, N.,** Sangwan, N., Ahmad, S., Singh, P., Khurana, JP and Lal, R.2013. Draft Genome Sequence of *Sphingobium chinhatense* IP26^T Isolated from the Hexachlorocyclohexane Dumpsite. *GenomeA*. e00680-13. [**ISSN: 2169-8287, Impact factor: yet to come**]
- 9.** Sangwan, N., Lata, P., Dwivedi, V., Singh, A., **Niharika, N.,** Kaur, J., Anand, S., Malhotra, J., Jindal, S., Nigam, A., Lal, D., Dua, A., Saxena, A., Garg, N., Verma, M., Kaur, J., Mukherjee, U., Gilbert, J.A., Dowd, S.E., Raman, R., Khurana, P., Khurana, J.P., and Lal, R. 2012.Comparative Metagenomic analysis of soil microbial communities across three Hexachlorocyclohexane contamination levels. *PLoS One* : **7**, e46219 .[**eISSN-1932-6203,Impact factor: 3.730**]
- 10.** Dwivedi, V., Sangwan, N., Nigam, A., Garg, N., **Niharika, N.,** Khurana, P., Khurana, J.P., and Lal, R. 2012. Draft genome sequence of *Thermus sp.* RL isolated from hot water spring located atop the Himalayan Ranges at Manikaran, India. *J. Bacteriol*: 194, 3534-3535 .[**ISSN: 0021-9193, Impact factor: 3.593**]
- 11.** Kaur, J., **Niharika, N.,** Lata, P. and Lal, R. 2010. “Biofilms: united we stand, divided we fall.”(News and Views). *Indian J. Microbiol.* 50,364. [**ISSN: 0046-8991, [Impact factor: 0.457]**]
- 12.** Jit, S., Dadhwal, M., Kumari, H., Jindal, S., Kaur, J., Lata, P., **Niharika, N.,** Lal, D., Garg, N., Gupta, S. K., Sharma, P., Bala, K., Singh, A., Vijgen, J., Weber R. and Lal, R. 2011. Evaluation of hexachlorocyclohexane contamination from the last Lindane production plant operating in India. *Environ Sci Pol Res.* 18:586–597. [**ISSN: 1614-7499, Impact factor: 2.618**]
- 13.** Anand, S., Malhotra, J., Dua, A., Garg, N., Saxena,A., Sangwan, N., Lal, D., Verma, M., Jindal, S., Kaur, J., Kumari, K., Nigam, A., **Niharika, N.,** Kaur, J., Jit, S., Bala, K., and Lal, R. 2010. A New Life in a Bacterium through Synthetic Genome: Landmark experiments by Craig Venter. *Indian. J. Microbiol.* 50, 125-131. [**ISSN: 0046-8991, Impact factor: 0.457**]
- 14.** Dwivedi, D., Kumari, K., Gupta, S.K., Kumari., R., Tripathi, C., Negi, P., **Niharika, N.,** Singh. A.K., Kumar, R., Nigam, A., Garg, N., and Lal, R. 2015. *Thermus parvatiensis* RLT sp. nov., Isolated from a Hot Water Spring, Located Atop the Himalayan Ranges at Manikaran, India. *Indian. J. Microbiol* **55**: 357-365. [**ISSN: 0046-8991, Impact factor: 0.457**]

15. Garg, N., Lata, P., Jit, S., Sangwan, N., Singh, A. K., Dwivedi, V., **Niharika, N.**, Kaur, J., Saxena, A., Dua, A., Nayyar, N., Kohli, P., Gueke, B., Kunz, P., Rentsch, D., Holliger, C., Kohler, H. P. and **Lal, R.** 2016. Laboratory and field scale bioremediation of hexachlorocyclohexane (HCH) contaminated soils by means of bioaugmentation and biostimulation. *Biodegradation*. **27**: 179-193.

Book Chapter

1. **Neha Niharika**, Sunita K. Yadav, Jyoti Singh. Chapter: Cytokines in the book ‘An interplay of cellular and molecular components of immunology’. December 2022. ISBN: 9781003286424. CRC Press (Taylor and Francis)
2. **Neha Niharika**, Sunita K. Yadav. Essentials of Immunology (Laboratory Manual)/Assay based on agglutination reaction. October 2022. ISBN: 978-81-958057-4-7. Prestige publishers.
3. **Neha Niharika**,. Essentials of Immunology (Laboratory Manual)/Isolation of lymphocytes from Spleen and Blood, October 2022. ISBN: 978-81-958057-4-7. Prestige publishers.
4. Anand, S., Malhotra, J., **Niharika, N.**, Lal, D., Jindal, S., Kaur, J., Nigam, A., Garg, N., Lata, P., Kaur, J., Sangwan, N., Singh, AK., Dua, A., Saxena, A., Dwivedi, V., Mukherjee, U., Lal, R. 2013. Bioremediation of Hexachlorocyclohexane (HCH) Pollution at HCH Dumpsite. Springer-Verlag Berlin Heidelberg. 387-404.

DR. JYOTSNA SINGH

1. Senrung, A., **Singh, J.**, Sharma, S., Bhutia, T.N. and Singh, A.K. “Effect of *Murraya koenigii* extracts on feeding and ovipositional response of *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae)”. *Journal of Entomology and Zoology Studies*. Vol 2: 27-31. 2014. ISSN# 2320-70782.
2. **J. Singh**, A. Senrung, S. Sharma, T. N. Bhutia, M. R. Devi and A. K. Singh (2017). Influence of temperatures on the survival and development of cowpea aphid, *Aphis craccivora* (Hemiptera: Aphididae). *Indian Journal of Entomology*, 79 (1):111-114. 2017. ISSN 0367-8288.
3. Monkeypox Endemic to Epidemic A review of the current scenario of Monkeypox disease outbreak. Dr. Meenakshi Thakur, Dr. Sushma Bhardwaj, **Dr. Jyotsna Singh**. © 2022 IJRTI |

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4. Three Years of Covid-19 – A Review on India’s Journey through Different Variants and Waves. Dr. Meenakshi Thakur, Dr. Sushma Bhardwaj, **Dr. Jyotsna Singh**, Ms. Anna Senrunga, Dr. Jyoti Singh. © 2023 IJRTI | Volume 8, Issue 1 | ISSN: 2456-3315 IJRTI2301005 International Journal for Research Trends and Innovation (www.ijrti.org).

PUBLICATION (CHAPTERS IN BOOKS)

1. Dr. Smriti Sharma and **Dr. Jyotsna Singh**. Chapter: Microbes and Their Products in Sustainable Agriculture in the book ‘Microbial Products- Applications and Translational Trends’. November, 2022. ISBN: 9781032308203. CRC Press (Taylor and Francis)

E-chapters authored for Institute of Life Long Learning (University of Delhi)

1. **Jyotsna Singh**, Anna Senrunga and Anjana Singha. “Extension of Mendelian Genetics” under MHRD Project “National Mission on Education Through ICT” (ISSN#2349-154X). 2015 https://docs.google.com/file/d/0B0Izh6GcIA_DdVF2azFsa0lkV3c/edit?pli=1
2. Anjana Singha, **Jyotsna Singh** and Anna Senrunga. “Linkage and Crossing-over” MHRD Project “National Mission on Education Through ICT” (ISSN#2349-154X). 2015. https://drive.google.com/file/d/0B0Izh6GcIA_DTWdJZ0xHNjRRemM/view?pli=1
3. Anna Senrunga, **Jyotsna Singh** and Anjana Singha. “Morphology and Physiology of Paramecium” under Zoology Course Content (ISSN#2349-154X). 2015. https://drive.google.com/file/d/0B0Izh6GcIA_DaE03TFNQQUtLdJg/edit?pli=1

DR. SUNITA K. YADAV

1. Bhardwaj P, **Yadav SK**, Taneja J. Magnitude and associated factors of menstrual irregularity among young girls: A cross-sectional study during COVID-19 second wave in India. J Family Med Prim Care. 2022 Dec;11(12):7769-7775. doi: 10.4103/jfmpc.jfmpc_1201_22. Epub 2023 Jan 17. PMID: 36994040; PMCID: PMC10041006.
2. Arora G, Taneja J, Bhardwaj P, Goyal S, Naidu K, **Yadav SK**, Saluja D, Jetly S. Adverse events and Breakthrough infections associated with COVID-19 vaccination in the Indian population. J Med Virol. 2022 Mar 8. doi: 10.1002/jmv.27708. Epub ahead of print. PMID: 35261064.

3. Jetly S, Bhardwaj P, Arora G, Saluja D, **Yadav SK**, Naidu KP, Taneja J. Hesitancy and Acceptance of COVID-19 Vaccination Amidst the Second Wave of Pandemic in India: A General Population Study. *Asia Pac J Public Health*. 2022 Feb 8:10105395221077062. doi: 10.1177/10105395221077062. Epub ahead of print. PMID: 35135358.
4. **Yadav, SK.**, Bhardwaj, P., Gupta, P., Saluja, D., Jetly, S., & Taneja, J. (2022). Association of gender, age, and comorbidities with COVID-19 infection in India. *Journal of Integrated Science and Technology*, 10(2), 61-66. Retrieved from <http://pubs.iscience.in/journal/index.php/jist/article/view/1411>
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