<table>
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Designation: Assistant Professor
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<tr><td>Web page/
Bio-data</td><td colspan="3">Google scholar
https://scholar.google.com/citations?user=z91HVwoAAAAJ</td></tr>
<tr><td colspan="4">Academic Qualifications: Ph.D.</td></tr>
<tr><td>Teaching Experience (Year)</td><td>One</td><td>Research Experience (Years)</td><td>20</td></tr>
<tr><td>Area of Research</td><td colspan="3">Bioremediation; Stem cell biology; Protein biochemistry; metagenomics and molecular biology.</td></tr>
<tr><td>Publications</td><td colspan="3">
1. Aderao GN, Jadhav SE, Pattannaik AK, Gupta SK, Ramakrishnan S, Lokesh E, Chaudhary P, Vaswani S, Singh A, Panigrahi M, Dutta N and Singh G. Dietary selecnium levels modulates antioxidant, cytokine and immune response and selenoproteins mRNA expression in rats under heat stress condition. Journal of Trace Elements in Medicine and Biology, 2023; 75:127105 ISBN/ISSN No. 1878-3252

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5. Gupta SK, Lal D, Lata P, Sangwan N, Garg N, Holliger C and Lal R. . Changes in the bacterial community and lin genes diversity during biostimulation of indigenous bacterial community of Hexachlorocyclohexane (HCH) dumpsite soil. Microbiology. 2013; 82(2):234–240. ISBN/ISSN 0026-2617

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765. ISBN/ISSN **No.** 1521-4028

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8. Jit S, Dadhwal M, Kumari H, Jindal S, Kaur J, Lata P, Niharika N, Lal D, Garg N, **Gupta SK**, Sharma P, Bala K, Singh A, Vijgen J, Weber R and Lal R**.**. Evaluation of hexachlorocyclohexane contamination from the last lindane production plant operating in India. Environmental Science and Pollution Research. 2011; 18(4):586-97. ISBN/ISSN No. 1614-7499

9. Pal P, **Gupta SK**, Bhatnagar S, Darnay BG, Choi Y and Kumar A**.**. Targeted ablation of TRAF6 prevents atrophy and promotes skeletal muscle regeneration in mice. Journal Cell Biology. 2010; 191:1395-1411. ISBN/ISSN No. 1540-8140

10. Bhatnagar S, Panguluri SK, **Gupta SK**, Dahiya S, Lundy RF and Kumar A. Tumor necrosis factor-α regulates distinct molecular pathways and gene networks in cultured skeletal muscle cells. PLoS ONE**.** 2010; Oct 12;5(10):e13262. ISBN/ISSN No. 1932-6203

11. Waddell JN, Zhang P, Wen Y, **Gupta SK**, Yevtodiyenko A, Schmidt JV, Bidwell CA, Kumar A and Kuan S**..** Dlk1 is necessary for proper skeletal muscle development and regeneration. PLoSONE. 2010**;** 5(11): e15055. ISBN/ISSN No. 1932-6203

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14. Kumari H, **Gupta SK**, Jindal S, Katoch P and Lal R. *Sphingobium lactosutens* sp. nov., isolated from a hexachlorocyclohexane dump site and *Sphingobium abikonense* sp. nov., isolated from oil-contaminated soil. International Journal of Systematics and Evolutionary Microbiology**.** 2009; 59:2291-2296. ISBN/ISSN No. 1466-5034

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Book/ Chapter

1. The role of intellectual property rights in agriculture and allied sciences edited by Chandan Roy. Renu, Abhishek Parashar, **Sanjay Kumar Gupta**, Pramod Kumar Sahu, Upasana Sahu, Hardesh Kumar, Khan Mohammad Sarim, Arvind Gupta and Pawan Kumar Sharma (2018) Patenting of microbiological and biotechnological inventions: The global and Indian scenarios. Pages 219 – 239. Apple Academic Press Inc.9 Spinnaker Way Waretown, NJ 08758 USA. SBIN No. 978-1-351-12528-4.

Patent

Dalal N, Dhiman T, Lakshmi GBVS, Gupta S, Singh R, Solanki P and Kumar A (2021) Gut microbiota derived Indoxyl Sulphate (IS) detection through molecularly imprinted polymer based sensor. *(Indian patent application 202111006093 filed on February 12, 2021).*

Professional memberships

- Association of Microbiologist of India (AMI): Life member