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Academic Qualifications: Ph.D.			
Teaching Experience (Year)	One	Research Experience (Years)	20
Area of Research	Bioremediation; Stem cell biology; Protein biochemistry; metagenomics and molecular biology.		
Publications	<ol style="list-style-type: none"> 1. Renu, Sarim KM, Gupta SK, Prabha R and Singh DP. A comparative analysis of rhizospheric metaproteome of wheat grown in saline and non-saline soils identifies proteins linked with characteristic functions. <i>Plant Growth Regulation</i>, 2023; 101: 415–426. ISBN/ISSN No. 1573-5087 2. 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 selenium levels modulates antioxidant, cytokine and immune response and selenoproteins mRNA expression in rats under heat stress condition. <i>Journal of Trace Elements in Medicine and Biology</i>, 2023; 75:127105 ISBN/ISSN No. 1878-3252 3. Gupta SK, Dixit S, Dangi SK, Kaur G, Mashooq M, Karthik K, SarkarM, Mahajan S and Nagaleekar VK. Marker-less deletion of <i>cctA</i> gene of <i>Clostridium chauvoei</i>. <i>Anaerobe</i>, 2020; 61:102116-102121. ISBN/ISSN No. 1075-9964 4. Renu, Gupta SK, Rai AK, Sarim KM, Sharma A, Budhlakoti N, Arora D, Verma DK and Singh DP. Metaproteomic data of maize rhizosphere for deciphering functional diversity. <i>Data in Brief</i>, 2019; 27; 104574. ISBN/ISSN No.2352-340 5. Dwivedi V, Kumari K, Gupta SK, Kumari R, Tripathi C, Lata P, Niharika N, Kumar M, Singh AK, Nigam A, Garg N and Lal R. <i>Thermus parvatiensis</i> RL sp nov isolated from hot water spring located atop the Himalayan Ranges at Manikaran, India. <i>Indian Journal of Microbiology</i>. 2015; 55:357-365. ISBN/ISSN 		

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7. **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
8. Lal D, Khan F, **Gupta SK**, Schumann P and Lal R. *Edaphobacillus lindanitolerans* gen. nov., sp. nov., isolated from hexachlorocyclohexane (HCH) contaminated soil. Journal of Basic Microbiology. 2013; 53:758-765. ISBN/ISSN No. 1521-4028
9. Bhatnagar S, Mittal A, **Gupta SK** and Kumar A. TWEAK causes myotube atrophy through coordinated activation of ubiquitin-proteasome system, autophagy, and caspases. Journal of Cellular Physiology. 2012; 227:1042-1051. ISBN/ISSN No. 1097-4652
10. 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
11. 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
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14. **Gupta SK**, Lal D and Lal R. *Novosphingobium panipatensis* and *Novosphingobium mathurensis*, isolated from oil-contaminated soil. International Journal of Systematics and Evolutionary Microbiology.

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17. Lal D, **Gupta SK**, Schumann P and Lal R. *Microbacterium lindanitolerans* sp. nov., isolated from hexachlorocyclohexane (HCH) contaminated soil. *International Journal of Systematics and Evolutionary Microbiology*. 2010; 60:2634-2638. ISBN/ISSN No. 1466-5034
18. **Gupta SK**, Kumari R, Prakash O and Lal R. *Pseudomonas panipatensis* Esp-1Tsp. nov., from oil contaminated site of Panipat Oil Refinery, Panipat, India. *International Journal of Systematics and Evolutionary Microbiology*. 2008; 58:1339-1345. ISBN/ISSN No. 1466-5034
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21. Prakash O, Verma M, Kumar M, Singh A, **Gupta SK** and Lal R.. Polyphasic Approach: A More Realistic Way of Microbial Classification. *Indian Journal of Microbiology*. 2007; 47: 98-108. ISBN/ISSN No. 0973-7715
22. Lal R, Sharma P, Kumari H, Kumar M, Kumari K, **Gupta SK**, Malhotra S and Kumari R. Metagenomics: You are what your bacteria eat! *Indian Journal of Microbiology*. 2006; 46:414. ISBN/ISSN No. 0973-7715

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

Faculty Induction/ Orientation Programme

- 4-Week Faculty Induction/ Orientation Programme for “**Faculty in Universities/ Colleges/ Institutes of Higher Education**” (online) Teaching Learning Centre Ramanujan College, University of Delhi In collaboration with Army Institute Of Education (AIE) Affiliated to Guru Gobind Singh Indraprastha University, Delhi under the aegis of Ministry Of Ducation Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching from 23-04-23 to 22-05-23