

Publication detail:

Research articles:

1. Maity, J., **Pal, P.**, Pal, R. et al. Co-administration of L-Ascorbic Acid and α -Tocopherol Alleviates Arsenic-Induced Immunotoxicities in the Thymus and Spleen by Dwindling Oxidative Stress-Induced Inflammation. *Biol Trace Elem Res* (2023). <https://doi.org/10.1007/s12011-023-03841-7>
2. Mondal R, **Pal P**, Biswas S, Chattopadhyay A, Bandyopadhyay A, Mukhopadhyay A, Mukhopadhyay PK. Attenuation of sodium arsenite mediated ovarian DNA damage, follicular atresia, and oxidative injury by combined application of vitamin E and C in post pubertal Wistar rats. *Naunyn Schmiedebergs Arch Pharmacol*. 2023 Oct;396(10):2701-2720.
3. Biswas S, **Pal P**, Mondal R, Mukhopadhyay PK. Casein and pea enriched high-protein diet attenuates arsenic provoked apoptosis in testicles of adult rats. *Toxicol Res (Camb)*. 2023 Jun 14;12(4):551-563.
4. **Pal P**, De A, Roychowdhury T, Mukhopadhyay PK. Vitamin C and E supplementation can ameliorate NaF mediated testicular and spermatozoal DNA damages in adult Wistar rats. *Biomarkers*. 2022 Mar; 27(4):361-374.
5. Adhikary, S., **Pal, P.**, Biswas, S., Maity, J., Mukhopadhyay, PK. Vitamin C and E Supplementation Can Mitigate NaF Mediated Hematological and Hepatic Disorders in Adult Wistar Rats. *Indian Journal of Biological Sciences*; June 2021, DOI: [10.62424/IJBS.2021.27.01.01](https://doi.org/10.62424/IJBS.2021.27.01.01)
6. **Pal P**, Mukhopadhyay PK. Fluoride induced testicular toxicities in adult Wistar rats. *ToxicolMech Methods*. 2021 Jun;31(5):383-392.

Review articles:

1. Mondal P, **Pal P**; Immunotoxicity caused by excessive mercury exposure: A brief overview, *International Journal of Immunology Research* 2024; 6(1): 01-03
2. Chourasia S, **Pal P**; Impact of chlordecone exposure on reproductive system: A concise review, *International Journal of Biology Sciences* 2024; 6(1): 124-128
3. Das R, **Pal P**; The mechanistic approach of arsenic mediated neurotoxicity-a concise review, *International Journal of Neurology Research* 2024; 6(1): 05-08
4. **Pal P**, Jha NK, Pal D, Jha SK, Anand U, Gopalakrishnan AV, Dey A, Mukhopadhyay PK. Molecular basis of fluoride toxicities: Beyond benefits and implications in human disorders. *Genes Dis*. 2022 Sep 21;10(4):1470-1493.

5. **Pal P**, Biswas S, Mukhopadhyay PK. Molecular perspective concerning fluoride and arsenic mediated disorders on epididymal maturation of spermatozoa: A concise review. *Hum Exp Toxicol*. 2021 Dec;40(12):2025-2038.

Book Chapter:

1. **Pal, P.**, De, D., Banik, R.D., & Paul, S. (2024). Chapter 4 - An Overview Of The Mechanistic Approach To RNA Interference. *Frontiers in Biotechnology Emerging Approaches* (pp. 58–73). ISBN No. - 978-93-5980-245-9
2. De, D., **Pal, P.**, Banik, R.D., & Paul, S. (2024). Chapter 8 - Unraveling The Wonders Of Genome Sequencing And It's Advance Method Next Generation Sequencing. *Frontiers in Biotechnology Emerging Approaches* (pp. 132–149). ISBN No. - 978-93-5980-245-9
3. Banik, R.D., De, D. & **Pal, P.** (2024). Chapter 4 - Horizontal Gene Transfer In The Evolution Of Microbial Genomes. *Microbiome Principles and Explorations* (pp. 106–125). ISBN No. - 978-93-5980-246-6
4. Paul, S., De, D., **Pal, P.**, & Ghosh, B. (2024). Chapter 1 - Unveiling Epigenetics And Human Diseases: Focus On Cancer Epigenetics. *Frontiers in Biotechnology Emerging Approaches* (pp. 23–41). ISBN No. - 978-93-5980-245-9
5. **Pal P**, Biswas S, Mondal R, Mukhopadhyay PK. Book Title: The Role of Reactive Oxygen Species in Health and disease; Book ID: _21293; Chapter Title: Fluoride and Arsenic Mediated Oxidative Damage Can Cause Disorders in Reproductive System; Chapter ID: 82158; (In Press) Nova Science Publishers, Inc.415 Oser Avenue, Suite NHauppauge, NY 11788 USA