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- Contingent OTP 1, Pathology Sponsored Projects #2

Publications

PUBLICATIONS

- **Molecular mechanism of exchange coupling in CLC chloride/proton antiporters.** *Nature communications*
Aydin, D., Chien, C. T., Kreiter, J., Nava, A. R., Portasikova, J. M., Fojtik, L., Sobecks, B. L., Mosquera, C., Man, P., Dror, R. O., Chiu, W., Maduke, M.
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- **Molecular mechanism of exchange coupling in CLC chloride/proton antiporters.** *bioRxiv : the preprint server for biology*
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2025
- **Dynamics and Impacts of Microplastics (MPs) and Nanoplastics (NPs) on Ecosystems and Biogeochemical Processes: The Need for Robust Regulatory Frameworks.** *ACS omega*
Basumatary, T., Biswas, D., Boro, S., Nava, A. R., Narayan, M., Sarma, H.
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- **Revolutionizing Postdoctoral Training Using the Social Ecological Model: Insights and Experiences from the Propel Scholars.** *GEN biotechnology*
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- **New insights into the molecular mechanisms of the coupling of proton and chloride in CLC antiporters**
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CELL PRESS.2024: 400A
- **Potential microbes for environment and agriculture: Bioengineering strategies for a sustainable future** *Biotechnology of Emerging Microbes*
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- **Persistence, Toxicity, and Strategies for Remediation of Brominated Flame Retardants in Soil and Sedimentation in Aquatic Matrices Under Aerobic and Anaerobic Conditions** *Land Remediation and Management: Bioengineering Strategies*
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