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Research Article

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Proteomic analysis of a copper mine isolated fungus *Rhizopus microspores* IOC 4686 when exposed to copper sulfate

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The fungus *Rhizopus microsporus*, known for its absorption capacity for toxic metals was used to understand the green metal recovery via analysis of its physiology under metal stress conditions through proteomic methods. To investigate the effects of copper stress on fungus, *R. microsporus* IOC 4686, isolated from the mine environment, was exposed to copper ions (50mgL- ...

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Review Article

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The use of Intramolecular carbon isotope distributions ($^{13}\text{C}/^{12}\text{C}$) of biomolecules to study temporal organization of post-photosynthetic metabolism in a plant cell

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It was found that the pyruvate decarboxylation reaction (PDR) plays a key role in post-photosynthetic metabolism, and PDR products are structural units involved in the synthesis of almost all its metabolites [1,2]. ...

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