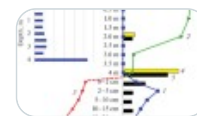




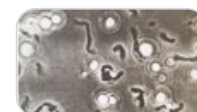
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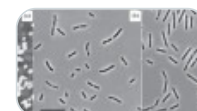
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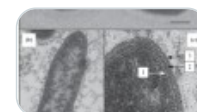
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Cellulolytic Capabilities in *Paludibaculum* sp. T20B24, a Novel Acidobacterium from a Boreal Fen



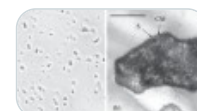
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***Gudongella ferriphila* sp. nov., an Anaerobic Bacterium Isolated from a Terrestrial Mud Volcano**



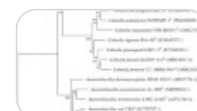
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***Methanoculleus bovis* sp. nov., a New Methanogenic Hydrogen-Utilizing Archaeon from the Cow Rumen**



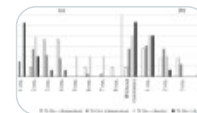
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Isolation and Characterization of *Aneurinibacillus baijiui* sp. nov., a Novel Bacterial Species from Fermented Grains of Baijiu Capable of Producing Diverse Flavor Compounds



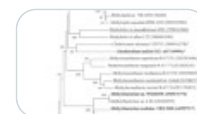
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Komagataella petrovskyi* sp. nov., a New Species of the Yeast Genus *Komagataella



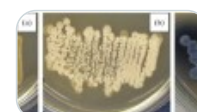
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Biogeochemical Activity and Microbial Community Structure in the Water Column and Surface Sediments of a Dune Lake Chabyda in Central Yakutia



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Hydrocarbon-Oxidizing Actinomycetes from Lake Sapropel



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Characterization and Complete Denitrification Pathway of Aerobic Denitrifying *Photobacterium ganghwense* Strain T3 Isolated from a Mariculture Sediment



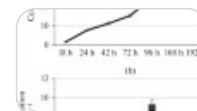
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Patterns of Betaine Reduction by a Haloalkaliphilic Bacterium *Alkaliphilus peptidifermentans* Grown on Amino Acids and Ethanolamine



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The Serine Variant of the Redox Glycine CO₂ Assimilation Pathway in an Anaerobic Thermophile *Parvivirga hydrogeniphila*

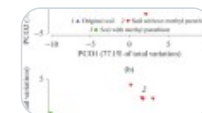


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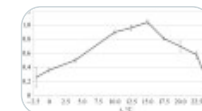
Pleiotrophic Effects of Knockout Mutations in the *TPS1* and *TPS2* Genes Encoding Trehalose Biosynthesis Enzymes of *Saccharomyces cerevisiae*



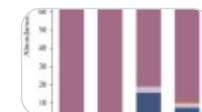
Effect of Methyl Parathion on Bacterial Communities in Soil and Sediment and Degradation of the Compound under Aerobic and Anaerobic Conditions



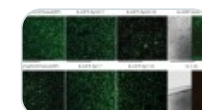
The Role of Osmolytes and Membrane Lipids in Cold Adaptation of the Psychrophilic Ascomycete *Leuconeurospora pulcherrima*



Molecular Analysis of Phylogenetic Diversity of Halophilic Methylotrophic Bacterial Communities



Analysis of Biofilms Formed in Soil by Bacteria of the Genus *Azospirillum*



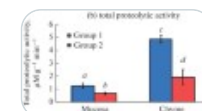
Surface Interactions and Mechanical Properties Shaping Biofilm Dynamics in *Staphylococcus aureus* and *Pseudomonas aeruginosa*



Metabolites Profiling, Bioactivity Assessment and Extracellular Enzymes Estimation of *Pestalotiopsis* sp. L12, an Endophytic Fungus Recovered from *Saraca asoca* (Roxb.) Willd. Leaves



Activity of Digestive Enzymes and Intestinal Microbiota in the African Catfish *Clarias gariepinus*



Physiological, Biochemical, and Toxigenic Properties of *Stachybotrys chartarum* Growing on Technogenic Substrates



Functional Chitosan Films with Improved Physical-Mechanical Properties and Antibacterial Activity against *Bacillus subtilis* and *Escherichia coli*



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Antifungal Activity of Chitosan Aspartate Shell Nanoparticles



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