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Projects

Current Projects

Investigation and application of bacterial biosynthetic pathways using chemical synthesis and molecular biological methods
Details

Natural Products from underexplored bacteria
Details

Investigations of Biosynthesis of Secondary Metabolites from Anaerobic Bacteria
Details

Chemical ecology of pathogenic bacteria
Details

Investigation of Specialized Metabolism of Neglected Bacteria by Organic Synthesis
Details

Discovery and modification of antibiotics from underexplored microbes
Details

Chemical and enzymatic modification for visualization of natural products in microbial interactions
Details

Former Projects

Genome mining of Gram-positive bacteria for secondary metabolites
Details

Molecular basis of bacterial-mushroom interactions
Details

The genome of the endofungal bacterium *Burkholderia rhizoxinica*
Details

Biochemical characterisation of bacterial terpene cyclases
Details

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Details

Genomics-Driven Discovery of Secondary Metabolites from *Burkholderia* spp. that Interact with Fungi
Details

Genomics-based search for natural products in neglected bacteria
Details

On-line modification of processes in multimodular protein systems
Details

Compounds from neglected bacteria and target analysis
Details

Investigation of new photochemical reactions
Details

Investigation of virulence-associated natural products from human-pathogenic *Burkholderia* spp.
Details