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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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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](#)