

ÁREAS DE ESPECIALIZACIÓN

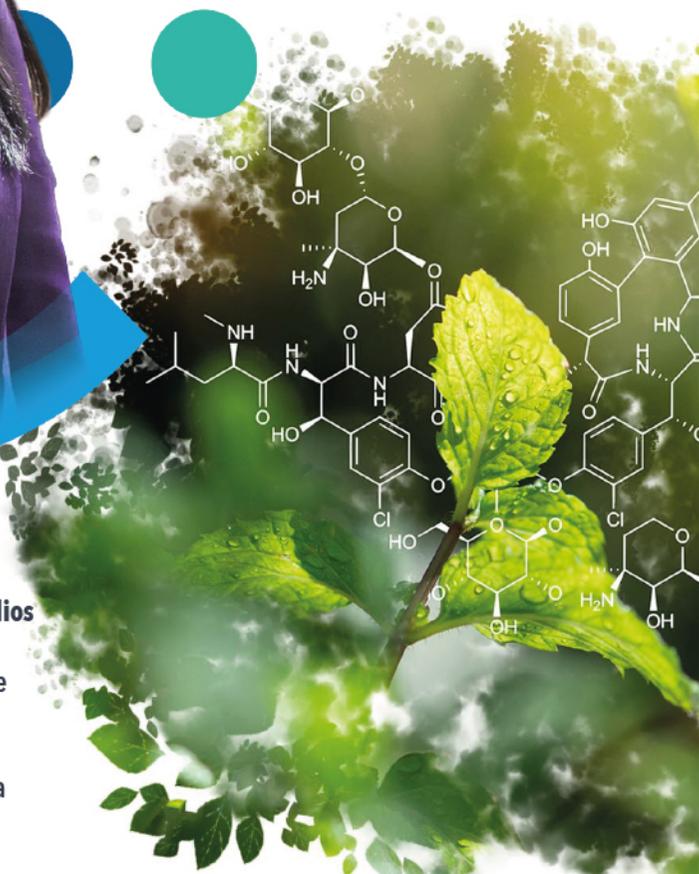
# MICROBIOLOGÍA DE AMBIENTES EXTREMOS, BIOINFORMÁTICA



**APARNA BANERJEE**

**Centro de Investigación de Estudios  
Avanzados del Maule**  
Universidad Católica del Maule

**Doctora en Botánica**  
Universidad de Burdwan, India



## PROYECTOS I+D+i

Bacterial exopolysaccharides as antioxidant and emulsifying agent.

N°11190325

FONDO NACIONAL DEL DESARROLLO  
CIENTÍFICO Y TECNOLÓGICO  
FONDECYT INICIACIÓN

## PUBLICACIONES

Computational study on temperature driven structure-function relationship of polysaccharide producing bacterial glycosyl transferase enzyme.

Polymers, 2021.

Extremophilic exopolysaccharides: Biotechnologies and wastewater remediation.

Frontiers in Microbiology, 2021.

Bioactive pectin-murta (*Ugni molinae* T.) seed extract films reinforced with chitin fibers.

Molecules, 2021.

Green synthesis of silver nanoparticles using exopolysaccharides produced by *Bacillus anthracis* PFAB2 and its biocidal property.

Journal of Polymers and the Environment, 2021.

