

# Microbial active agent from microorganism for food , aquatic and cosmetic application



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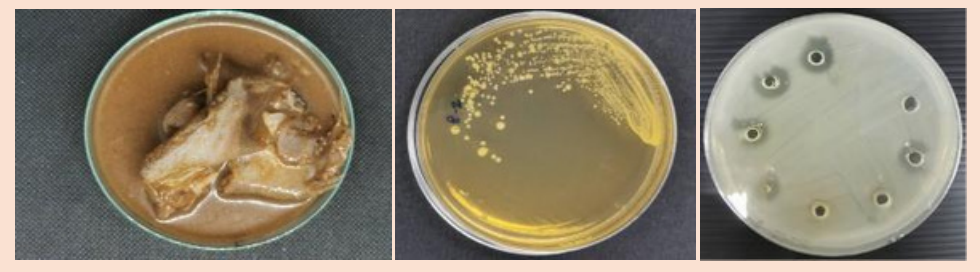
## Research Interest

- Microbiology and Biotechnology
- Microbiomes and Proteomics
- Probiotic and Prebiotics
- Biosurfactant
- Microbial control for food and cosmetics
- Biodiversity of microbial and parasites as bio-indicator
- Bioactive agent form herbal plant to combating microbial pathogens
- Medical mushroom



**“From natural raw material to high values added”**

## Food quality control



Anti-foodborne pathogens of probiotics agent

## Aquaculture



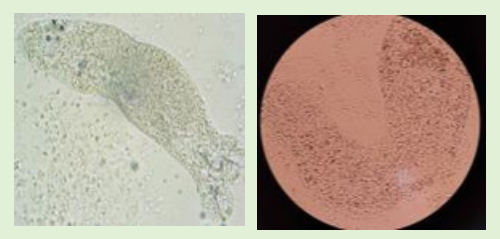
Anti-Fish pathogens from plant extract

## Cosmetics



Microbial pigment for cosmetics application

## Environment



Bio-indicators of protozoa and parasites for ecological aquatic animal and diseases.



Fungal pigment for enhancing golden fish feed development”