

# Food safety and microbiological control

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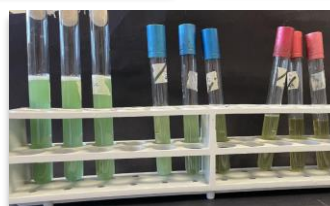
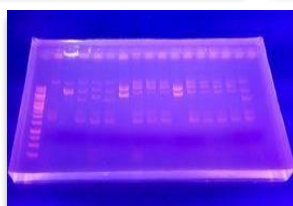
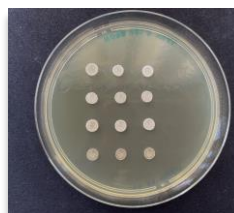
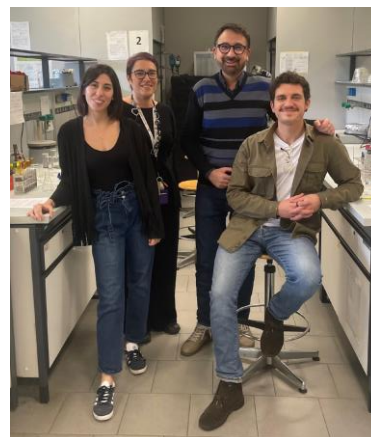
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Catalogo delle Competenze e Progetti e Contratti di Ricerca

## RESEARCH ACTIVITIES

- Isolation and characterization of microorganisms of food interest;
- Selection of microbial strains for preparation of starter cultures;
- Characterization of food by-products to be used as additives;
- Design of food packaging coatings and films for improving shelf-life;
- Development of new natural antimicrobials and fungicides.



## OFFERED SERVICES

- Preparation of selected starter cultures and preparation of freeze-dried formulation;
- Carrying out challenge tests on food samples with contaminants and pathogens;
- Use of new natural antimicrobials and fungicides to improve foods shelf-life;
- Product innovation with food by-products to be used as additives.