AGRICULTURAL BIOTECHNOLOGY

INTRODUCTION

This research group has more than 15 years experience in agricultural biotechnology and has a highly qualified research team in the field of biochemistry and molecular biology. The results of their research are directly applicable to the food sector, improving food quality and increasing their added value.

RESEARCH TOPICS

- Cloning and characterization of genes related to the maturation process of the strawberry.
- Identification and characterization of genes essential for tolerance to drought stress and salt in tomato and arabidopsis.
- Plant cuticles and fruit cracking of tomato and pepper streak.
- Proteomics applied to hydrolyzed protein.
- Oligosaccharines as elicitors in defense response against pathogens.

SCIENTIFIC-TECHNICAL SERVICES

- Isolation and characterization of genes for genetic improvement of food plants of interest.
- Peptide sequencing derived from Hydrolyzed Vegetable Proteins.
- Study of factors involved in fruit cracking.
- Employing oligosaccharines as elicitors in defense response against pathogens.

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