

Agris

Agricultural Research Agency of Sardinia



REGIONE AUTÒNOMA
DE SARDIGNA
REGIONE AUTONOMA
DELLA SARDEGNA

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Research Department on Animal Products



RESEARCH DEPARTMENT ON ANIMAL PRODUCTS



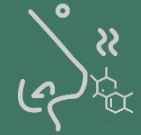
CHEMISTRY



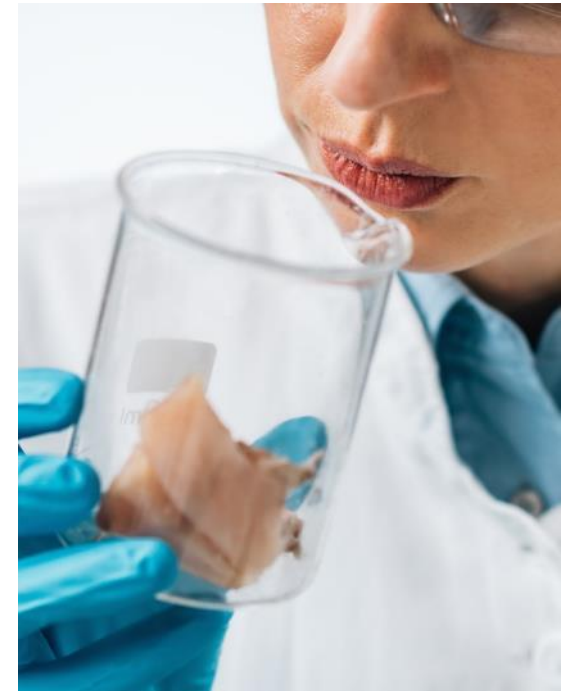
MICROBIOLOGY



TECHNOLOGY



SENSORY



RESEARCH DEPARTMENT ON ANIMAL PRODUCTS



CHEMISTRY



- Nutritional and healthy characterization, traceability and shelf-life of dairy, meat, and fish products
- Influence of processing technology on the physico-chemical and nutritional characteristics of food products
- Development and validation of analytical methods for chemical characterization of foods of animal origin
- Development of analytical prediction models based on non-specific online instruments



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MICROBIOLOGY



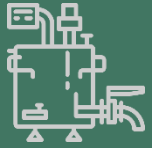
- Study of microflora characterizing traditional and PDO fermented foods of Sardinia
- Maintenance and management of autochthonous strains in the Agris-BNSS Microbial Culture Collection
- Collection, characterization, biodiversity evaluation, and reproduction of natural starter cultures
- Study of antibiotic resistance, safety, quality, probiotic characteristics of food microbiota and shelf-life evaluation of food products



MICROBIO DIVERSAR
collezioni microbiche della Sardegna



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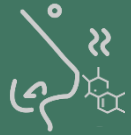
TECHNOLOGY



- Optimization of process technologies for traditional and PDO dairy products
- Development of new production processes and innovative sheep and goat dairy products
- Development of new dairy products with a functional value
- Technological transfer of production processes at dairy companies



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SENSORY



- Sensory characterization and profiling of traditional and innovative products
- Consumers' hedonic perception studies and identification of drivers of (dis)liking
- Consumer segmentation and development of preferences and emotionals maps
- Genetic studies for products quality assessment and genetic diseases prevention in Sarda sheep breed



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