



**SACCO**  
system  
— agrovet

**Our solutions for  
animals**

## Sacco System

### Microbial innovator for a sustainable future

For over 150 years, Sacco System has been a benchmark in microbiological innovation. With solid expertise and a forward-looking vision, we research, select, and develop microorganisms that improve the quality of life for humans, animals, and plants.

We are an international group present in more than 110 countries, with the soul of a Family Company: we believe in the value of relationships, work ethics, and innovation as a key driver for building a better world.

With a team of over 70 specialized technicians, 8 production plants, and 4 pilot laboratories, we provide tailor-made solutions for the global biotech market, ensuring top quality, safety, and reliability.

## Agro-Vet Solutions

### Cutting-edge biotechnology for agriculture and livestock farming

The Agro-Vet division of Sacco System is specialized in the development and production of probiotics, raw materials and tailor-made solutions for the agro-livestock industry.

We support agricultural and zootechnical companies all over the world, with a great portfolio of ingredients and technological formulations, also supporting them in experimental and research projects to innovate existing products or to develop new ones

In particular, the unit dedicated to the veterinary world is a fast-growing innovative startup, in which a team of specialized researchers develops advanced scientific solutions for the companion animals' welfare, such as dogs, cats, ornamental birds and farm animals.

A distinctive element is the vast internal strain library, which allows you to create highly customized probiotic formulations based on the specific needs of customers, markets and animal species.

## Solutions



### CUSTOM FERMENTATION SERVICE

We offer a fermentation service to companies with their own strains



### DEDICATED AGRO-VET SOLUTIONS

We provide our customers flexible and tailor-made solutions, new product development, probiotics and postbiotics.



# Agro-Vet Solutions

## Cutting-edge biotechnology for agriculture and livestock farming

Soil, plants and animals are the first link in the agri-food supply chain. Sacco System produces strains of lactic ferments able to provide a satisfying and competitive response to market needs.

Sacco System ferments for the agro-veterinary sector are formulated, tested and manufactured to improve animal welfare and performance, while optimizing the healthiness and quality of livestock products, fully respectful of the balance of the ecosystem.



Silage ferments  
bacteria



Microorganisms for  
livestock animals



Microorganism for dogs  
and cats



Microorganisms  
for birds

There is a large strains' library able to satisfy customer needs and developing new ideas together.

For gastrointestinal health we have for example *L. acidophilus* D2/CSL CECT 4529, *L. reuteri* NBF 1 DSM 32203 / NBF 2 DSM 32264 and several post-biotics. There are different possible areas of application, such as supplements and food, in different animal species.

## Services

Sacco System stands out as a reliable and complete partner. We are specialized in managing production and scientific complexities, allowing you to focus on your core business. We offer expertise on Probiotics and Postbiotics providing versatile solutions based on your needs.



Screening and optimization  
of culture media



Development, qualification and  
validation of analytical methods



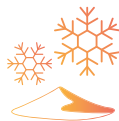
Molecular biology and  
genetic analyses



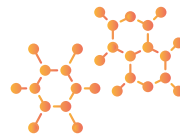
Preparation and  
validation of cell banks



Process development  
and scale-up



Freeze-drying



Possible production in GMP,  
from the clinical scale to  
industrial (200L - 20,000L)



Stability studies

## Company

Sacco System heritage in Lactic Acid Bacteria (LAB) traces its roots back to 1948, when Dr. Leo Vesely founded Centro Sperimentale del latte, a pioneer company dedicated in studying of bacteria for human health and children's nutrition.

Today we are the international biotech hub for food, nutraceutical, and pharmaceutical industries. Operating in over 110 countries worldwide, Sacco System provides its expertise on probiotic products development and offer science based proprietary strains and customized blends, supporting consumer needs.

Our innovative approach covers production, research and development in nutraceutical and pharmaceutical fields, having available three pilot plants, cutting edge technologies and two facilities GMP Pharmaceutical certified. An expertise extends beyond LAB, following the evolving demands of the market. This includes the development, process validation and commercial production of probiotics, postbiotics, Next-Generation bacteria (obligate aerobes and anaerobes strains) and biotherapeutics (BPs).

## Quality

Our quality system is extensive and as a confirmation of our strong commitment to quality, Sacco System has achieved the main certifications over the years.

**Contact us to discover the best solution for your business!**



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