



**Alterbiotic**, the solution that supports farmers in a **progress approach** that allows them to meet **societal expectations** with a 'qualitative' production **respectful of animal well-being** and the **environment** in a **viable economic context**.



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- TRAINING**  
Train Animal Health players in alternative techniques
- PREVENTION**  
Step up prevention on farms
- SUBSTITUTION**  
Develop alternative methods and product ranges
- GOOD PRACTICES**  
Improve the oversight of antibiotic use



## Advance the **health of animals and its ecosystem** across all sectors

Originally created by independent veterinarians, CRISTAL has historically developed around **health techniques and related services** (consultancy, trials, training, hygiene and dietary range).

Its offer was then strengthened by integrating **analyses, hygiene and dietetic services and on-farm interventions**.

CRISTAL now offers **a global solution to all players in the food chain** with a horizontal (multi-species) and vertical (from selection to consumption) approach.

## A consistent and **unifying group strategy**

The Cristal strategy is based on **a combination of medium-term projects and a high level of responsiveness which allows the group to adapt to market development opportunities**.

It is based on **three areas** of focus:

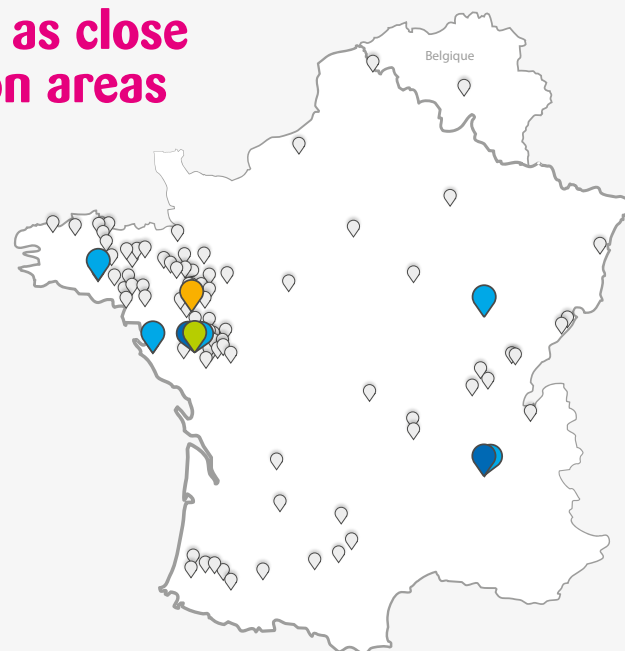
- offering a range of products and services that stand out on the market;
- solid organic growth and active growth by acquisition;
- business development at the service of our customers.

This strategy is deployed in the field through **high geographical coverage, complimentary fields, indisputable know-how and a high level of quality and expertise**.

The women and men who make up the Cristal Group share **strong values** such as Respect, Independence, Professionalism, Innovation, and Sharing.

## A nationwide organisation **found as close as possible to animal production areas**

- **RC SERVICES**
- **RESALAB** (Resalab Ouest - LBAA - Aromalyse - Avimar)
- **GEOSANE**
- **AVISERV**
- **A network of consultants**  
37 veterinary offices "Cristal Network"



## Services

**Connection with a network of multi-species veterinary consultants**

**A Qualiopi certified training center**

**Scientific and regulatory intelligence**

A personalised **national and international offer**



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to learn more

[www.rcservices-cristal.fr](http://www.rcservices-cristal.fr)

### Training

- Build personalised programmes (pathologies, biosafety, alternative techniques), carried out either face-to-face or remotely via an online training platform: Diktyo.
- Theoretical and practical courses taught by veterinarians for various types of public

### Expertise

- Consulting (France and international): auditing of production and livestock farming systems, welcoming people from abroad in our courses, field visits, etc.)
- Market analysis (surveys)
- Operational marketing support (focus group, web conference, media space, etc.)
- Trials (field and additives)

### Co-ordinating networks of veterinary practices

- Support for working groups
- Communication
- Business management support
- Support services

## Agribusiness

**In-depth knowledge of the world of animal husbandry and slaughterhouses**

**A network of trainers located as close to the production tools as possible**

**Expertise in the prevention of health risks**

### Training

- Animal protection in slaughterhouses (French CCPA certificate)
- Ante- and post-mortem inspections (French CAPM certificate)
- Transport of live animals (French 4C certificate)
- Biosafety training
- Hygiene and good practices in the food industry
- 'Tailor-made' training in specific issues related to transformation processes: Salmonella, Campylobacter, etc

### Audit - Expertise

- Slaughterhouse visit, audit and support
- Animal protection in slaughterhouses
- Slaughterhouse withdrawals
- Advice on resident pathogens
- Geosanitary®Réponse aux non-conformités



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## Analysis

**Analysis laboratories dedicated to all upstream and downstream sectors in the agri-food industry**

**5 COFRAC accredited laboratories** (names and activities available on [www.cofrac.fr](http://www.cofrac.fr))

### Animal health and Agri-food

- Bacteriology: MALDI-TOF, antibiogram, FT-IR spectroscopy and Phytogram®
- Serology, Parasitology
- Molecular biology: Real-time PCR
- NGS and metagenomic sequencing
- Screening for and identification of salmonella and Campylobacter species
- Acceptance analysis
- Control of materials in contact with food

### Environment

- Water quality and disinfection control
- Surface analyzes
- Air sampling and analyzes

## Hygiene and dietetics

**Expertise and a range of specific products** offered to respond to technical and health issues

Protocols and processes **validated by analyses**

Products selected by **quality specifications**

### Dietetics

- Formulating and marketing products, metabolic optimization and natural defence strengthening programmes, range of alternative products

### Hygiene

- Building and implementing cleaning and disinfection protocols, health inspections and audits

### Services

- Personnel training, activities related to the product ranges, field audits: Biosafety and quality of drinking water

### Equipment

- Dosing pump, insecticide treatment automation, pipeline maintenance

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to learn more

[www.resalab.fr](http://www.resalab.fr)



## Activities to support rearing

**Efficient equipment and responsive and available teams**

**Technical expertise** on hygiene measures

**Experts and technicians supervised** by veterinarians

**Respect for biosafety and animal welfare** at every stage

**Delegated veterinary medicine procedures** : vaccination in hatcheries and on farms

**Zootechnical activities**

**Loading of poultry** : transfer and setting-up (laying hens and future breeders)

**Cleaning - Disinfection**



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[www.avi-serv.fr](http://www.avi-serv.fr)

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to learn more

[www.geosane.fr](http://www.geosane.fr)

