From innovation to the field, it's only one step.



Accelerate the development and adoption of your solutions through trials conducted under real-world cattle farming conditions.

CowtoLab® is GD Biotech's field trial service, developed in partnership with Gènes Diffusion, enabling you to evaluate your innovations directly on commercial farms representative of real-world conditions of use.

The **COWTOLAB® PROCESS:**

1. **Define** your objectives
2. **Select** the farms best suited to your needs
3. **Deploy** and monitor the field trial
4. **Support** you in interpreting the results

GD Biotech's range of expertise:

- **16S microbiome analysis of Eubacteria and Archaea, and 18S analysis** on all types of matrices (faeces, soil, water, etc.)
- **Whole Genome Sequencing (WGS)**
- **Targeted qPCR**
- **Transcriptomics (RNA sequencing)**
- **Epigenotyping, ...**

Let's turn tomorrow's innovations into solutions adopted in the field.

GD Biotech
INNOVATION & EXPERTISE

contact@gdbiotech.eu
www.gdbiotech.eu

GENES DIFFUSION
PERFORMANCE PARTAGÉE

Why choose CowtoLab®?

Real-world trials



Your products and services are evaluated on real commercial farms, under the everyday constraints faced by farmers.
This provides access to larger cohorts than those typically available on experimental farms**, while optimising costs.**

"Because the field is the best laboratory"

Farmer acceptance at the heart of every project



Beyond technical performance, what really matters is:

- **ease** of use,
- **user acceptance and engagement,**
- **compatibility** with farming practices,
- perceived **economic value.**

"A key factor in successfully launching your innovation"

A unique network of partner farms



Through the Gènes Diffusion group, CowtoLab® benefits from:

- **a large network** of member farms,
- **farms representative** of different livestock sectors,
- **engaged** and **committed** farmers,
- **a diversity** of production systems.

Recognised **scientific expertise**



The GD Biotech teams support you with:

- **trial design** and monitoring,
- **data** collection,
- **statistical analysis** and interpretation of results

(including microbiome data visualisation through our dedicated MicIV interface)

"Robust data for informed decisions."

#genotyping #microbiomeanalysis #deepsequencing #epigenotyping #transcriptomics