

Ploufragan- Plouzané-Niort Laboratory

↳ The Ploufragan-Plouzané-Niort Laboratory studies poultry, rabbits and pigs (in Ploufragan, Côtes-d'Armor), ruminants (in Niort, Deux-Sèvres), and farmed fish (in Plouzané, Finistère). Its research, reference, surveillance and expert appraisal activities aim to improve the health and welfare of animals, the safety of foods of animal origin, and the health of workers. It uses multidisciplinary approaches (traditional and molecular microbiology, epidemiology, modelling, experimental infectiology, ecotoxicology) to study these areas at the rearing, processing and distribution stages, according to the One Health concept.

**Over
200**
staff members

7
scientific units

3
experimental
departments

1
high-throughput
sequencing
platform

70
scientific
publications
per year

23
national
and international
reference
mandates

**More than
40**
projects per year
(national
and international
partnership
research)

Key figures

Main missions

- Studying bacteria, viruses and parasites responsible for regulated, emerging or high-impact animal diseases.
- Assessing the risk of pathogens being transmitted to humans, especially via food.
- Developing tools and methods for detecting pathogens.
- Modelling and preventing the spread of pathogens.
- Evaluating the influence of rearing methods on animal health and welfare, product quality, and worker health.
- Studying the antimicrobial resistance of bacteria of animal or environmental origin.
- Assessing the impact on animal health and welfare of exposure to medicines, toxins, or changes in the environment.
- Developing and assessing means of control.



**Find out more
about the laboratory**
www.anses.fr

Livestock
Health and welfare
**Avian and swine
influenza**
Swine fever
Coronaviruses
Paratuberculosis
Avian coccidiosis
**Fish viruses
and ecotoxicology**
Food safety
Salmonella
Campylobacter
**Antimicrobial
resistance**

Contact us

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