

GROUP NAME: INPASS. RESEARCH ON SUSTAINABLE AND HEALTHY AGRO-LIVESTOCK PRODUCTION

CODE: A25_23R



The INPASS group aims to strengthen the role of livestock, and the agriculture and food industry associated with it, in the rural development of Aragon.

To do this, it addresses aspects related to genetics, reproduction, health, feeding and general management of herds, as well as their repercussions on the quality of Aragonese livestock products..

RESEARCH LINES

- **Optimization of livestock systems:**
 - Food: diets optimized by productive status, with functional capacity and that promote the circular economy
 - Genetics: genes and markers related to productive traits and disease resistance, use in selection schemes
 - Reproduction: sustainable improvement of the reproductive efficiency of herds
- **Improving the quality and marketing of products of animal origin: management and technology**

NOTABLE PROJECTS

- Management strategies to improve herd resilience and efficiency by harnessing the adaptive capacities of small ruminants (ADAPT-HERD). PRIMA-2018 (2019-2024).
- Fetal undernutrition and hydroxytyrosol supplementation in a beef cattle production system (FETALNUT). MICINN-PID2020 (2021-2024)
- Water restriction and gastrointestinal parasite infection in meat sheep: biomarkers associated with stress tolerance and modulation through sainfoin inclusion (EWESTRESS). MCINN PID2020 (2021-2024).
- Nutritional strategies to optimize the weaning process in ruminants and pigs (WIN-WEANED).MCINN-PID2021 (2022-2024)
- Inclusion of local resources in beef fattening diets: Biomarkers for efficiency and quality (LOCALBEEF). MCINN-PID2021 (2022-2025).
- Feeding strategies to reduce methane production and the risk of acidosis and increase animal welfare in intensively fattened calves. CDTI-2020 (2020-2023).

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