



FP7-SME-2013-2. GA605835. www.campybro.eu

Research for the benefit of specific groups.

Control of Campylobacter infection in broiler flocks through two-steps strategy: nutrition and vaccination "CAMPYBRO"



Newsletter

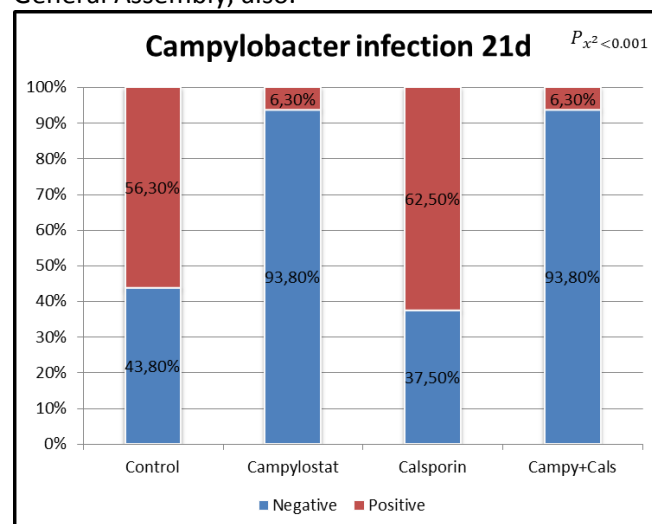
Nº
02/2015

RESEARCH & DEVELOPMENT

In IMASDE, a total of 5 experiments have been done, all of them belonging to WP3. According with the results of WP1, the combination of Campylostat (a combination of organic acids plus a mixture of medium chain fatty acids) and Calsporin (a *B. subtilis*-based probiotic) will be used. In addition, the functional diet will be based on oat hulls and whole wheat. In EXP.10, the Interaction between Campylostat and Calsporin in a Functional diet was analyzed. Unfortunately, the infection was not correctly implemented, and the animals were re-infected at 39d, and this trial was repeated. In EXP.11, it was evaluated the Interaction between the Functional diet and the combination of (Campylostat+Calsporin). In EXP.12 it was evaluated the time of administration of (Campylostat+Calsporin). This experiment was in floor pens, and the ambient conditions were not adequate, and the trial will be repeated after the summer (Rep: EXP 15). In EXP.13, it was evaluated the interaction between Campylostat x Calsporin in a control diet (the repetition of EXP.10). In EXP.14, it was evaluated the Campylostat dose (1 vs 2 vs 3%). In ANSES a trial was done, as a result of a factorial design with two types of diet (functional vs control diet) and three additives combinations: PoultryStar (multispecies probiotic), XPC (dead yeast extract) or PoultryStar + XPC. All the results will be presented in the General Assembly that will be held on the 01/10/2015 in Stockholm.

In **WP5**, the first trial on the vaccination protocol was done with DNA-DNA, DNA-protein protocols, at different time of administration and coadjuvants. Results have allowed design the second trial on the

vaccine protocol, and results will be presented in the General Assembly, also.



MANAGEMENT

The coordinator has maintained the next meetings with the partners:

- REDONDO: 24/06/2015
- ANSES: 06/05/2005
- CIDEF: 05/05/2015
- FIA: 05/05/2015

Also, the **First Reporting Period Report** was APPROBED by the external Scientific evaluator and approved by the Commission, including the partners Form C's.

The General Assembly provisional Agenda of the Second General Assembly, to be held the 30th and 1st of October 2015 in Stockholm (Sweden), which will be organized by the Coordinator and NEPLUVI, has been sent to the partners for their approval. The reservation for the meeting has been also done.

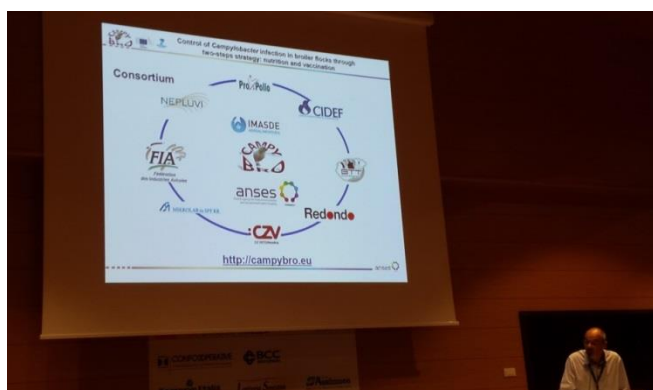
DISSEMINATION

The next actions have been done:

- The website www.campybro.eu has been maintained and updated.
- The first two scientific peer reviewed articles has been approved for publication in the magazine Poultry Science.
- The first article of WP2 has been sent to Poultry Science for peer review.
- An invited speech “Problemática actual del *Campylobacter* en la salud pública” was presented by Pedro Medel in the “Jornadas Profesionales de Avicultura” Soria, 10 June 2015

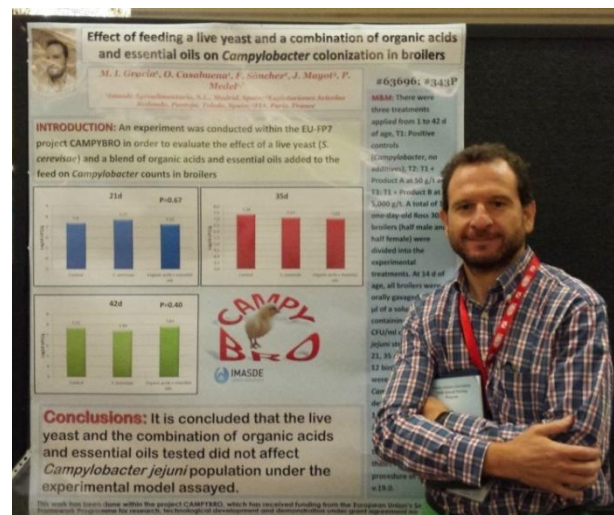


- An invited speech was presented by Guilles Salvat on the international Conference on: PREVENTION AND CONTROL OF *CAMPYLOBACTER* IN THE POULTRY PRODUCTION SYSTEM; Milano, 31 August 2015

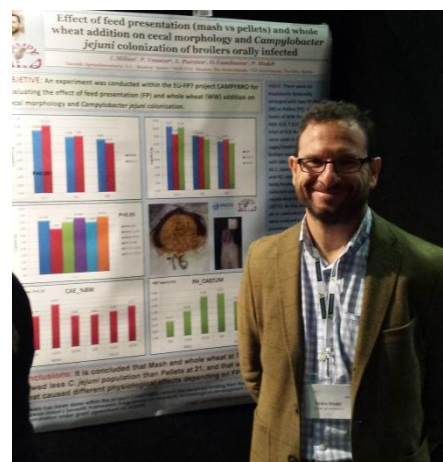


- Assistance and presentation of scientific publications of the project to the next scientific meetings:
 - European Symposium of Food Safety, 20-22 April, Cardiff, UK.

- XXII European Symposium on the Quality of Poultry Meat » and the « XVI European Symposium on the Quality of Eggs and Egg Products », Nantes, France, 10-13 May.
- Poultry Science Association meeting <http://www.poultryscience.org/psa15/> Louisville, Kentucky, USA



- 8th International workshop on Campylobacter, Helicobacter and related organisms, CHRO <http://www.chro2015.com/>, to be held in November 2015 in Rotoura, New Zealand



- European Symposium on Poultry Nutrition <http://www.espn2015.org/>, to be held in August 2015 in Prague, Check Republic.



- World Veterinary Poultry Association 2015 Congress <http://www.wvpac2015.com/>, 7-11 September in Cape Town, South Africa.

OTHERS

An invited presentation about Campylobacter was asked to the coordination to participate in the 2015 III Congreso Internacional de Seguridad Alimentaria, to be held in Murcia, Spain in November 2015.