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Research for the benefit of specific groups.

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



Newsletter

Nº
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RESEARCH & DEVELOPMENT

The trials of **WP4** have started in France, Hungary and Spain. In France, a turkey trial with 4 farms with twin buildings has started with two treatments, control and treated (*B. subtilis* all the period and growing levels of MGOA from 0,2 to 1,2% from 0-4 to 12-16weeks respectively). In Spain four broiler farms from EXPLOTACIONES AVÍCOLAS REDONDO with twin buildings were used, with a control diet and a treated diet (*B. subtilis* all the period and 0,5 and 1,5% of MGOA from 0-7 and 7-42d, respectively). In Hungary, three broiler farms from HER_CSI with twin buildings were used, with a control diet and a treated diet (*B. subtilis* all the period and 0,5 and 1,5% of MGOA from 0-7 and 7-42d, respectively).

Turkey trial in France



Trial in Spain



Trial in Hungary



In **WP5**, the third trial testing the time and the first vaccine candidates of vaccines in Ross broilers was done. The vaccination with one of the novel candidates significantly reduces the *Campylobacter* population.

In **WP6**, the trials has been designed and started in Spain, The Netherlands, Hungary and France (2 farms each country).

MANAGEMENT

The coordinator has maintained the next meetings with the partners:

- ANSES: 20/01/2016
- BTT: 17/02/2016, 12/04/2016,
- CIDEF: 20/01/2016; 15/03/2016
- FIA: 09/03/2016
- MIKROLAB: 17/02/2016, 12/04/2016;
- PROPOLLO: 13/01/2016; 08/02/2016; 05/04/2016
- CVZ: 09/02/2016;
- NEPLUVI: 27/01/2016

The third General Assembly will be the 24th and 25th of August 2016 in Budapest (Hungary), which will be organized by the Coordinator and BTT. The Second Reporting Period will be presented to the EC, and the

Project Officer and the scientific Reviewer will assist to Budapest.

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.
 - Gracia, M. I., Millán, C., Sánchez, J., Guyard-Nicodème, M., Mayot, J., Carre, Y., Csorbai, A., Chemaly, M., P. Medel., 2016. Efficacy of feed additives against Campylobacter in live broilers during the entire rearing period: Part B. Poult. Sci. 95:886-892
 - Guyard-Nicodème, M., Keita, A., Quesne, S., Amelot, M., Poezevara, T., Le Berre, B., Sánchez, J., Vesseur, P., Martín, Á., Medel, P., Chemaly, M., 2016. Efficacy of feed additives against Campylobacter in live broilers during the entire rearing period. Poult. Sci. 95:298-305.
- The first article of WP2 has been accepted by the scientific open access magazine plos-one, after a moderate revision.
- Four abstracts has been sent and approved in the World Poultry congress that will be hold in Beijing (China) between 5 and 9 of September 2016.
- The project results were presented in Association of Poultry Processors and Poultry Trade in the EU at Brussels, in order to achieve a horizontal dissemination among the European Associations of poultry producers.
- The Public Workshop in Spain was celebrated the 23 of June 2016 at Madrid. It was a success of participation, with more than 120 people participating in the meeting.



- The Public Workshop in Spain was celebrated the 24 of June 2016 at Madrid. It was a success of participation, with more than 50 people participating in the meeting.



- A workshop on Campylobacter control was directed by ANSES on the International Association of Food Protection meeting in Europe hold in Athens in May 2016, in which an invited speech and a poster was presented by Pedro Medel.





OTHERS