



**7th Conference on Poultry Intestinal Health**  
**Cartagena de Indias, Colombia**  
**30 March - 1 April 2022**



Thursday 31<sup>st</sup> March, 2022

Speed dates: a variety of 3-minute short communication teasers - Round I

TITLE	AUTHOR	ABSTRACT ID	60'	9:15	10:15
Comparison of Three Live Coccidiosis Vaccine Protective Immunity Against Seven Field Isolates	Andres Montoya (Merck Animal Health)	01-ICPIH2021	3'	9:15	9:18
Sustainable Transition from Conventional Anticoccidial Program to a Live Coccidiosis Vaccine Program	Andres Montoya (Merck Animal Health)	02-ICPIH2021	3'	9:18	9:21
Efficacy of the botanic molecule Cimenol ring to reduce egg contamination in comparison to organic acids and formaldehyde	Alejandra Ruiz (Biovet)	06-ICPIH2021	3'	9:21	9:24
Chitinases, Key Enzymes during the Necrotic Enteritis Pathogenesis in Broilers	Evelien Dierick (Ghent University)	09-ICPIH2021	3'	9:24	9:27
Assessment of Lippia origanoides essential oils in a Salmonella typhimurium, Eimeria maxima, and Clostridium perfringens challenge model to induce necrotic enteritis in broiler chickens	Guillermo Tellez-Isaias (University of Arkansas)	13-ICPIH2021	3'	9:27	9:30
Multi-study analysis on the efficacy of nicarbazin/monensin, a novel coccidiostat for use in broilers	Ben Dehaeck (Huvepharma)	19-ICPIH2021	3'	9:30	9:33
Efficacy of nicarbazin/monensin in the control of coccidiosis in broilers	Ben Dehaeck (Huvepharma)	20-ICPIH2021	3'	9:33	9:36
Standardized Natural Citrus Extract long term efficacy on poultry performances: The beginning of an explanation	Sekhou Cisse (University of Angers)	23-ICPIH2021	3'	9:36	9:39
Expression (mRNA) of intestinal enzymes and glucose transporters of broilers fed with the addition of oregano (Lippia origanoides) essential oil in an in vivo immune challenge with lipopolysaccharide	Jaime Ángel Isaza (Promitec)	27-ICPIH2021	3'	9:39	9:42
Eubiosis duodenal (microbiome) in broilers fed with the addition of oregano essential oil (Lippia origanoides) in an in vivo intestinal inflammation model with lipopolysaccharide	Jaime Ángel Isaza (Promitec)	28-ICPIH2021	3'	9:42	9:45
Phytobiotics supplementation effects during an Eimeria challenge in broiler chickens; an alternative to relieve anticoccidial drugs	Jaime Ángel Isaza (Promitec)	29-ICPIH2021	3'	9:45	9:48
Probiotic Bacillus licheniformis to mitigate clinical necrotic enteritis	Veerle Hautekiet (Huvepharma)	41-ICPIH2021	3'	9:48	9:51
Functional feed particle size in wheat- and maize-based broiler pelleted feeds	Alberto Navarro-Villa (Trouw Nutrition)	46-ICPIH2021	3'	9:51	9:54
The use of starter feeding strategies as an alternative to the use of antibiotics	Rosa Franco Rosselló (Trouw Nutrition)	47-ICPIH2021	3'	9:54	9:57

What does the poultry industry of tomorrow look like?	Veerle Hautekiet (Huvepharma)	48-ICPIH2021	3'	9:57	10:00
The unchallenged commercial poultry – does it exist?	Susanne Kirwan (Kemin)	49-ICPIH2021	3'	10:00	10:03
E. coli management: successfully moving from in vitro to in vivo poultry trials	Natasja Smeets (Kemin)	50-ICPIH2021	3'	10:03	10:06
Effects of Algal Beta-glucan supplementation on intestinal morphological and immunity of broilers grown under high stocking density conditions	Susanne Kirwan (Kemin)	52-ICPIH2021	3'	10:06	10:09
Review of dietary butyric acid glycerol ester-induced improvements in broiler performance	Snehal Tawde (Perstorp)	55-ICPIH2021	3'	10:09	10:12
A novel approach to investigation of biomarkers for the gut health of broiler chickens	Svitlana Tretiak (Ghent University)	57-ICPIH2021	3'	10:12	10:15
<b>Speed dates: a variety of 3-minute short communication teasers - Round II</b>					
TITLE	AUTHOR	ABSTRACT ID	60'	14:00	15:00
Productive and economic performance in broilers when using combinations of eubiotics and an antibiotic growth promotor	Froylan Rodrigues (DSM)	128-ICPIH2021	3'	14:00	14:03
Effects of dietary eubiotics mixes based on oregano and clove essential oils on Salmonella Gallinarum control in layer hens.	Diana Alvarez Mira (Universidad Nacional de Colombia)	66-ICPIH2021	3'	14:03	14:06
Affecting only clostridia or modulating the microbiome, towards a clear understanding of probiotic modes of action.	Susanne Kirwan (Kemin)	71--ICPIH2021	3'	14:06	14:09
Mitigation effects of TOXO®-XL on mycotoxin-induced changes in Laying Hens	Swamy Haladi (Trouw Nutrition)	72--ICPIH2021	3'	14:09	14:12
Brazilian field study shows reduction of Salmonella prevalence on farms empowering the birds' natural defence mechanisms	Bart D'Heer (Trouw Nutrition)	77-ICPIH2021	3'	14:12	14:15
Replacing AGP improves broiler performance in commercial conditions	Luigi Moreira (Trouw Nutrition)	78-ICPIH2021	3'	14:15	14:18
Effect of an Innocuous Prebiotic Powder as part of a plan for the control of Septicemia caused by Pathogenic Escherichia coli in Laying Hens	Andres Rodriguez-Avila (BioAra-SAS)	79-ICPIH2021	3'	14:18	14:21
Dietary tall oil fatty acids improved egg shell quality and reduced the proportion of dirty eggs in laying hens with or without salt stress challenge	Hannele Kettunen (Hankkija Oy)	80-ICPIH2021	3'	14:21	14:24
Characteristics of Clostridium perfringens strains isolated from turkeys	Monita Vereecken (Huvepharma)	81-ICPIH2021	3'	14:24	14:27
Efficacy of an innovative strategy to alleviate the negative effects of LPS during an intestinal challenge in broiler chickens	Geert Van De Mierop (Nutrex)	82-ICPIH2021	3'	14:27	14:30
Saving feed cost by reformulating broiler diets based on corn with the use of endo-1,4-beta-xylanase	Geert Van De Mierop (Nutrex)	83-ICPIH2021	3'	14:30	14:33
Effects of a phytogenic additive in mycotoxins management in comparison with a known binder: an approach by increasing the tolerance threshold of feed contaminants	Gaetan Vetea Plichart (Biodevas)	91--ICPIH2021	3'	14:33	14:36
Unchain the value of the animal microbiome: Florates Diagnostics	Joost Thyssen (Florates Diagnostics)	93-ICPIH2021	3'	14:36	14:39

Sustainability and poultry production: an inside job	Veerle Hautekiet (Huvepharma)	95-ICPIH2021	3'	14:39	14:42
Efficacy of an attenuated coccidiosis vaccine in combination with different additives on production performance and intestinal lesions in broilers challenged with necrotic enteritis	Joan Molist Badiola (Hipra)	99-ICPIH2021	3'	14:42	14:45
A Clostridium perfringens challenge model to examine the impacts of dietary factors on the progression of subclinical necrotic enteritis	Leslie McKnight (Trouw Nutrition)	101-ICPIH2021	3'	14:45	14:48
Isolation and molecular characterization of Avian Reoviruses from poorly performing broiler flocks in Belgium	Isaura Christiaens (Poulpharm)	126-ICPIH2021	3'	14:48	14:51
A precision biotic redirects core metabolic pathways of the microbiome and improves growth performance	Cristiano Bortoluzzi (DSM)	111-ICPIH2022	3'	14:51	14:54

**Speed dates: a variety of 3-minute short communication teasers - Round III**

TITLE	AUTHOR	ABSTRACT ID	45'	17:15	18:00
From Gut Health Model To Market: how to choose the right path?	Maarten De Gussem (Poulpharm)	103-ICPIH2021	3'	17:15	17:18
Evaluation of a commercial probiotic on Flemish broiler farms	Magdalena Sitter (Poulpharm)	105-ICPIH2021	3'	17:18	17:21
Adapted minimal inhibitory concentration (MIC) testing protocol as screening tool for organic acids and other related gut health products	Helena Berlamont (Poulpharm)	106-ICPIH2021	3'	17:21	17:24
In vivo differences in virulence of Clostridium perfringens strains in an experimental necrotic enteritis model	Joske Millecam (Poulpharm)	107-ICPIH2021	3'	17:24	17:27
Practical applications of bacterial, viral and protozoal biobank	Gerty Vanantwerpen (Poulpharm)	62-ICPIH2021	3'	17:27	17:30
A novel way for Eimeria inoculum production	Brecht Maertens (Poulpharm)	110-ICPIH2021	3'	17:30	17:33
In vitro evaluation of a gut health improving phytogetic formulation: anti-inflammatory and antimicrobial effects	Guillermo Gaona-Ramirez (EW Nutrition)	113-ICPIH2021	3'	17:33	17:36
Evaluate the intestinal health parameters (ISI – I See Inside) and performance in broilers supplemented with Muramidase under Eimeria sp. and Clostridium perfringens challenge.	Leticia Gardoso Bittencourt (DSM)	114-ICPIH2021	3'	17:36	17:39
Nutritional Support Solution for coccidiosis vaccine in broiler chickens	Carlos Lozano (DSM)	115-ICPIH2021	3'	17:39	17:42
Performance and gut integrity of layers fed diets supplemented with or without Muramidase	Felipe Dalolio (DSM)	116-ICPIH2021	3'	17:42	17:45
Ready-to-use parameters and methods for gut health assessment in poultry	Maarten De Gussem (Poulpharm)	118-ICPIH2021	3'	17:45	17:48
Comparative study between a saponin-based solution and synthetic coccidiostats in the management of coccidiosis	Amine Benarbia (Norfeed)	120-ICPIH2021	3'	17:48	17:51
Propolis supplementation effect on the expression of genes associated with intestinal health of broilers	Camila Daza (Universidad Nacional de Colombia)	123-ICPIH2021	3'	17:51	17:54
Essential oils attenuate coccidiosis impact in Eimeria-vaccinated broilers by altering the parasite pathogenicity	Jonathan Pierron (Université Laval)	124-ICPIH2021	3'	17:54	17:57
Assessing the Effect of a Blend of Alpha-Monoglycerides (Fractal®) through Minimum Inhibitory Concentration (MIC) analysis against Salmonella serotypes and Avian Pathogenic E. coli (APEC) Strains	Luis-Miguel Gomez-Osorio (Alura)	129-ICPIH2021	3'	17:57	18:00