



**6th IHSIG Symposium
3-5 April 2019, Roma - Italy**



| Wednesday 3rd April 2019 | | | | |
|---|--|------|-------|-------|
| REGISTRATION | | | 7:45 | 8:45 |
| TOPICS | SPEAKER | TIME | | |
| Welcome and Introduction | Filip Van Immerseel (Ghent University, Belgium) Maarten De Gussem (Vetworks, Belgium) | 15' | 8:45 | 9:00 |
| Using meta-technologies in understanding how the microbiota affects intestinal health | Joël Doré (INRA, France) | 45' | 9:00 | 9:45 |
| BREAK | | 45' | 9:45 | 10:30 |
| Session I: GUT HEALTH DIAGNOSTICS | | | | |
| CHAIRMAN: MARK STEVENS | | | | |
| Approaches to identify biomarkers for intestinal health, and the first tools that become available for poultry | Filip Van Immerseel (Ghent, Belgium) | 45' | 10:30 | 11:15 |
| A novel in vitro continuous fermentation model of broiler caecum to investigate nutritional manipulations | Paul Tetteh Asare (ETH Zurich, Switzerland) | 15' | 11:15 | 11:30 |
| Chicken antimicrobial peptides as cell identification markers in the intestine | Edwin Veldhuizen (Utrecht University, The Netherlands) | 15' | 11:30 | 11:45 |
| Lesion scoring systems: An epidemiological approach to determine intestinal markers associated with zootechnical performances in broiler chicken flocks | Eric Parent (University of Montréal, Canada) | 15' | 11:45 | 12:00 |
| Identification of faecal diagnostic markers for intestinal barrier failure and subclinical necrotic enteritis | Evy Goossens (Ghent University, Belgium) | 15' | 12:00 | 12:15 |
| LUNCH | | 60' | 12:15 | 13:15 |
| Speed dates: a variety of 3-minute short communication teasers | | 45' | 13:15 | 14:00 |
| Session II: FOODBORNE PATHOGENS | | | | |
| CHAIRMAN: RICHARD DUCATELLE | | | | |
| Campylobacter is not a commensal in chickens and compromises gut health and performance. | Lisa Williams (Swansea, UK) | 45' | 14:00 | 14:45 |
| Faecal gut microbiota composition of chicks can predict resistance to Salmonella Enteritidis colonization | Philippe Velge (INRA, France) | 15' | 14:45 | 15:00 |
| Efficacy of a new carvacrol-based product on Campylobacter jejuni in challenge test in vivo and impact on the whole caecal microbiota | Marion Allaoua (Phodé, France) | 15' | 15:00 | 15:15 |
| Development and evaluation of a trivalent inactivated Salmonella vaccine targeting serogroups B, C and D | Stefan De Vries (MSD Animal Health, The Netherlands) | 15' | 15:15 | 15:30 |
| Effect of Saccharomyces cerevisiae yeast products in reducing direct colonization and horizontal transmission of Salmonella Heidelberg in broilers | Charles L. Hofacre (Southern Poultry Research Group, USA) | 15' | 15:30 | 15:45 |
| BREAK | | 45' | 15:45 | 16:30 |
| Session III: PATHOGENESIS OF INTESTINAL DISEASE | | | | |
| CHAIRMAN: STEVE RICKE | | | | |
| Why do we need to understand pathogenesis of infections? | Mark Stevens (Roslin, UK) | 45' | 16:30 | 17:15 |
| Development of a necrotic enteritis challenge model in turkeys | Magne Kaldhusdal (Norwegian Veterinary Institute, Norway) | 15' | 17:15 | 17:30 |
| Can an intestinal ligated loop model be used to evaluate NE lesions? | Martine Boulianne (University of Montréal, Canada) | 15' | 17:30 | 17:45 |
| Novel subunit vaccine for the control of necrotic enteritis in broilers | Audrey Duff (Ohio State University, US) | 15' | 17:45 | 18:00 |
| COCKTAIL DRINK | | | 18:00 | 20:00 |