

Disarming the Enemy – A Novel Approach for Enteric Disease Control by Targeting Bacterial Virulence Factors

Chair: **Luiz F. Caron, Universidade Federal do Paraná**

Wednesday, November 7th – 08:30

- 08:30 **Introduction**
Luiz F. Caron, Universidade Federal do Paraná
- 08:35 **Antivirulence Therapy for Animal Production: Filling an Arsenal with Novel Weapons for Sustainable Disease Control**
Tom Defoirdt, Ghent University
- 09:10 **Quorum Sensing as a Target for Developing Novel Therapeutics for Necrotic Enteritis Control**
Dion Lepp, Agriculture and Agri-Food Canada
- 09:45 **Virulence factors of enterohemorrhagic E.coli and novel anti-virulence strategies**
Vanessa Sperandio, University of Texas Southwestern Medical Center
- 10:20 **Break**
- 10:45 **Enteric bacterial toxin neutralization and quorum quenching by thermally activated calcium montmorillonite**
Hongyu Xue, Amlan International
- 11:20 **Microbial endocrinology: Why it matters to poultry health**
Primrose Freestone, University of Leicester
- 11:55 **Discussion**