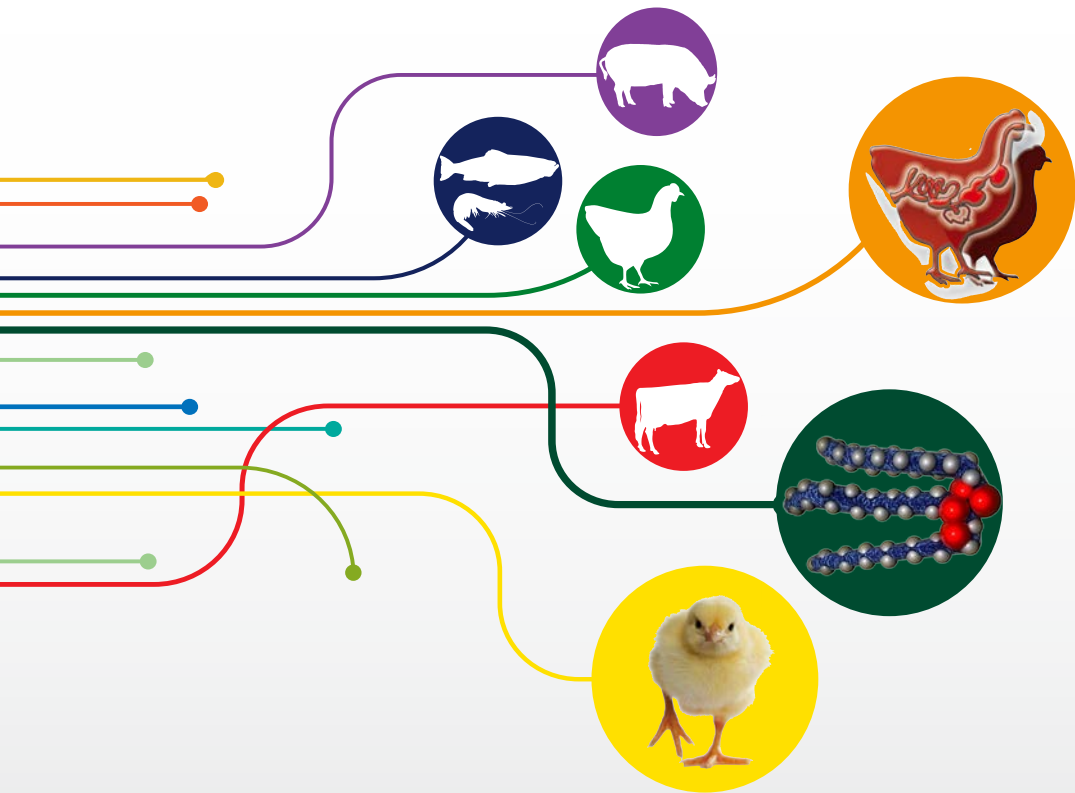




# The Multifacets of Gut Performance and Lameness





**Date:** 12<sup>th</sup> of November 2015  
**Venue:** University of Bologna, Italy



### **Alessandra De Cesare, University of Bologna**

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Alessandra De Cesare is Research Assistant in the Laboratory of Food Safety at the Department of Agricultural and Food Sciences, University of Bologna in Italy.

She obtained her MD in Molecular Microbiology, her PhD in Food Science and is currently enabled as Assistant Professor in Food Inspection and Hygiene.

She participated in different EU research projects and is currently part of the EU project "Collaborative Management Platform for the detection and Analyses of (Re-) emerging and foodborne outbreaks in Europe" (COMPARE).

Her main research topics address bacteria genotyping, metagenomic investigations of the chicken gut, definition of food safety criteria for foodborne pathogens.



### **Franco Calini, University of Bologna**

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Education:

University of Bologna, School of Veterinary Medicine  
Nov. 1975/Dec. 1980: DVM, 110/110 cum Laude (12/12/1980) – Doctoral Dissertation on the feeding of beef cattle with corn silage – tutored by Professors A. Mordenti and A. Giardini.

Present Position:

Advisory Services to the Feed & Animal Industries: Poultry feed formulation, feed milling technology, R&D Project Development, technical support to Italian users of NC Singlemix<sup>®</sup>, a Formulation Software by Format International Ltd



### **Robert F. Wideman Jr., University of Arkansas**

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Dr. Wideman began his career at Penn State University, where he rose to the rank of Professor of Poultry Science while teaching graduate and undergraduate courses in Physiology, and conducting research related to calcium metabolism and kidney damage in laying hens.

In 1993 Professor Wideman was recruited as the Distinguished Professor of Poultry Science and Arkansas Poultry Federation Chair at the University of Arkansas. He served as Professor and Associate Director of the Center of Excellence for Poultry Science while teaching physiology and conducting research focused on pulmonary hypertension syndrome (ascites) and lameness in broilers.

Professor Wideman published 18 review articles and book chapters, over 180 refereed journal articles, 100 technical or poultry industry articles, and he has four U.S. patents. He has been an invited speaker at over 100 national and international seminars and technical symposia. Professor Wideman recently retired as an Emeritus Professor and remains actively engaged in research, writing and consulting.



### **Luca Vandi, BIOMIN**

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Education:

1993 - Master degree (MSc) in animal nutrition and husbandry – Bologna University

1993-1996 – Worked as a researcher at the Bologna University

1995 – Worked a year at the Spelderholt research center (The Netherlands)

1997-2008 – Poultry nutritionist at Martini spa, Italian vertical integration

2008-2010 – Technical sales manager at Vetagro spa – Italy

2010-2012 – Poultry business manager at Pfizer Italia

2012-2015 – Tech sales manager Biomin GmbH

2015 – Technical and Marketing Director EMA – Biomin GmbH



## PROGRAM

08:30 – 09:20 Registration

09:20 – 09:30 Welcome | *Gerardo Manfreda, University of Bologna*

09:30 – 10:15 Next Generation Sequencing applications to enter a new era in management of chicken microbioma  
*Alessandra De Cesare, University of Bologna*

10:15 – 11:00 Looking for an integrated approach to gut health  
*Franco Calini, University of Bologna*

11:00 – 11:30 Coffee Break

11:30 – 12:15 Lameness Caused by Stress and Bacterial Infection in Broilers | *Robert F. Wideman Jr., University of Arkansas*

12:15 – 12:45 Practical application of nutritional concepts  
*Luca Vandi, BIOMIN*

12:45 – 14:00 Lunch Break

14:00 – 15:30 University Tour



# ABOUT BIOMIN

At BIOMIN we harness the power of science to support animal health and performance. By applying state-of-the-art and proprietary technology we deliver natural, sustainable and profitable solutions to the livestock industry. For over 30 years we have pioneered innovative solutions for mycotoxin risk management, gut performance and dietary problems.



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