



**Zeno Bernardi**

Zeno studied Veterinary Medicine at University of Parma/Milan (Italy) and graduated as Specialist in Avian Pathology. After his graduation he started working as Veterinarian at Veronesi Group in the fields of Quality Assurance in the Veterinary Area. Additionally he operated as Animal Welfare Delegate for Italian Poultry Producers within Italy and the EU. He became Co Owner in 2011 at Unitec operating in the field of Detergents & Disinfectants for animal farming. He took over the business in 2013 as Owner to assist with Services and Equipment for farm hygiene.



**Mark Karimi**

Mark studied Agriculture Science at The University of Shiraz (Iran) and started his first career as a farm manager. After moving to the UK in 2000, he did his second degree in Food Science in The University of Nottingham. He started working for the biggest poultry producer in the UK, Moy Park in 2005, and became a senior broiler farms manager, responsible for more than 6 million birds on the floor. Working in such an environment, encouraged him to get his Msc degree in Applied Poultry Science from The University of Glasgow and started his new career as a poultry commercial nutritionist. He joined BIOMIN team in Oct 2016.

Mark's interest is to find the best ways of nutrition and farm management techniques in order to maximizing productivity in commercial poultry farms.



**Gerd Schatzmayr**

Gerd obtained his Master's Degree in the field of Environmental Biotechnology and continued his education with a PhD in the field of Industrial Biotechnology as a part of the development of a mycotoxin degrading bacterium at the Institute for Agrobiotechnology in Tulln (IFA-Tulln).

In 1999 he joined the R&D team of BIOMIN as project leader in the field of mycotoxin detoxification until he was appointed R&D director of BIOMIN in 2003. In this position he oversaw all research activities and coordinated a project on the development of a competitive exclusion product for poultry. Since 2006 he has been Director of BIOMIN's worldwide research activities and heads the BIOMIN Research Center in Tulln.



**Franz Waxenecker**

Franz obtained a Master's degree in Agricultural Sciences in livestock production at the University of Natural Resources and Life Sciences, Vienna. His research focuses on swine nutrition as well as on young animal nutrition. He joined BIOMIN in 1997 as a Specialist in swine nutrition and premix formulation. He was appointed Chief Nutritionist in 2000 and became Director of the Strategic Business Unit Natural Growth Promoters in 2003.

Franz Waxenecker implemented the first Center of Applied Animal Nutrition (CAN) of BIOMIN in 2004 with state-of-the-art equipment for feeding trials and is in charge of all BIOMIN CAN facilities worldwide. In 2007, he became Head of the Global Product Management teams. He currently holds the position of the Director of the Development Department at BIOMIN, being also responsible for innovation projects.



**Nataliya Roth**

Nataliya studied at Academy of Veterinary Medicine in Ukraine and graduated in food technology. After this graduation she studied at University of Natural Resources and Life Sciences Vienna and received master degree in food technology and biotechnology. Since 2007 Nataliya is working for BIOMIN as a product manager and development scientist and since 2012 she is working on a PhD project at the University of Natural Resources and Life Sciences Vienna, investigating antimicrobial use and resistance in poultry worldwide as well as efficacy of feed additives on the prevalence of antibiotic resistant bacteria, resistance genes and gene mutations causing resistance to quinolones in poultry.

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# BIOMIN

## Solving the Antibiotic-Free Production Puzzle

Guidelines for a responsible use of antibiotics in the modern broiler production

February 2017, Austria



Naturally ahead

**Biomin**

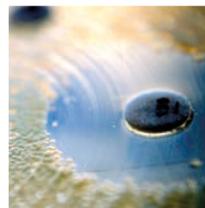
Monday, February 13

Arrival & Airport Pick up Service

Check-In at Renaissance Hotel Vienna

19:30

Welcome Dinner at hotel restaurant „Wunderkammer“



Tuesday, February 14

08:00 Bus transfer to BIOMIN headquarters in Getzersdorf

09:00 Welcome - *Hannes Binder, BIOMIN*

09:30 Day Old Chick Quality from a Breeding Company Perspective - *Daniel B Pearson, Aviagen*

10:30 Coffee Break

11:00 Moving the Nutritional Pieces of a Sliding Puzzle Towards Antibiotic Reduction - *Ellen van Eerden, Schothorst*

12:00 Biosecurity and Hygiene: Opportunities to Produce a More Valuable Broiler? - *Zeno Bernardi, Unitec/Dupont*

13:00 Lunch Break

14:00 Heating, Ventilation and Light: The Bermuda Triangle of Broilers' Starter Period - *Mark Karimi, BIOMIN*

15:00 BIOMIN Solutions:  
Silver Bullets to Reduce the Use of Antibiotics  
*BIOMIN Experts*

16:00 Bus transfer to hotel in Vienna

19:00 Bus transfer to dinner venue

19:30 Dinner arrangement in Vienna

22:00 Bus transfer back to the hotel

Wednesday, February 15

08:00 Bus transfer to Research Center in Tulln

09:00 Insights into BIOMIN Research&Development  
*Gerd Schatzmayr, BIOMIN*

09:30 Strategies to Overcome Antimicrobial Resistance  
*Nataliya Roth & Franz Waxenecker, BIOMIN*

10:30 Exclusive guided tours through laboratories

12:30 Lunch arrangement

13:00 Bus transfer to Vienna

14:00 Sightseeing: Escapade to historical Inner City of Vienna

19:00 Dinner arrangement

Thursday, February 16

Departure



**Daniel Pearson**

Daniel Pearson was born in North Queensland, Australia. He graduated from the University of Queensland with a Bachelor of Veterinary Science degree in 1981.

In 1984 he moved to UK where he began working as a veterinarian in the poultry industry for Marshall's Chunky Chicken, a large fully integrated company located in Scotland.

Daniel has continued served the poultry meat chicken industry in the UK and has extensive experience in all aspects of broiler meat production. He is a past president of the British Veterinary Poultry Association, a member of the European Poultry Veterinary Study Group, a member of the Red Tractor Farm Assured technical committee for chickens and has served on a number of UK poultry steering committees, including projects on Notifiable Disease, Campylobacter, Salmonella, Gut Health and Leg Health, working closely with DEFRA (Agriculture Ministry) and FSA (Food Standards Agency).

After working in integrated companies for almost 30 years he joined Aviagen in 2012 as Veterinary Health Director for Aviagen (Europe): the leading primary poultry breeding company supplying stock for broiler production around the world.



**Ellen van Eerden**

Ellen studied Animal Sciences at Wageningen University (the Netherlands) and graduated in Animal Health and Reproduction. After her graduation she started working on a PhD project at the Adaptation Physiology group of Wageningen University, investigating the relationship between energy metabolism and immunology in young pullets, with residual feed intake and Salmonella Enteritidis as research models. After finalizing the PhD project she worked as a postdoc at the Veterinary Faculty of Utrecht University. Since December 2009 she has been working at Schothorst Feed Research in Lelystad as a researcher in poultry nutrition, with a special interest in intestinal health.