**CONTENT**

Welcome Messages ................................................................. 4  
Committees & Symposium Secretariat ........................................ 6  
Auspices ............................................................................ 6  
Programme at a Glance ......................................................... 7  
Scientific Programme ............................................................ 8  
Instructions for Speakers ....................................................... 14  
Posters ............................................................................... 15  
Poster Session Happy Hours .................................................. 45  
Satellite Symposia ................................................................. 46  
Symposium Venue ............................................................... 49  
Exhibition Plan & List of Exhibitors ........................................... 50  
Company Profiles ................................................................. 51  
Registration ...................................................................... 55  
Social Programme ............................................................... 56  
Optional Culture & Tours ....................................................... 58  
Photo Exhibition ................................................................... 61  
General Information ............................................................. 61  
Acknowledgement to Partners .............................................. 82
Dear colleagues,

It is our great pleasure to welcome you on the 20th European Symposium on Poultry Nutrition which is held between 24–27 August 2015 in Prague, Czech Republic.

We are proud that more than 1000 participants is attending this important event – among them many opinion leaders, representatives of important poultry industries and scientists, and other professionals from the entire Europe that have a chance to witness not only interesting and useful lectures and posters but also to learn about new ideas, products, solutions and technologies.

The 20th European Symposium on Poultry Nutrition also gives you a great possibility to visit the capital of the Czech Republic, a magnificent city built around the Vltava River. You can also take part in fascinating culture events during the Symposium.

I strongly believe that the 20th European Symposium on Poultry Nutrition will be an excellent opportunity to exchange views, ideas and opinions which allow all participants to be proud of the work they develop in their countries.

I am welcoming you to the beautiful city of Prague!

Pavel Trefil
President of the Czech Branch of WPSA
On behalf of Working Group 2 (WG2), it is with great pleasure that I welcome all participants to the 20th European Symposium on Poultry Nutrition which takes place from 24th–27th August 2015 in Prague, The Czech Republic.

The WG2 has always been active in the planning of the ESPN in close co-operation with the local branches and organising committees in order to assemble an interesting scientific programme, and we are convinced that the scientific programme presented in Prague will have the same high quality as has been the case at the former symposia. There are no parallel sessions, and in each session, 3-4 speakers will cover different aspects of a topic. There are 6 main sessions on the programme in Prague dealing with subjects which we believe are of strong scientific and industrial interest. The subjects cover processes in the digestive tract, different aspects of amino acid research, fats and energy sources, chick quality and flock performance, and the final session on Thursday will present research on turkey and duck nutrition. One of the sessions will focus on different “hot topics” such as feed mycotoxins, the challenge to fed layers until 100 weeks and insects as poultry feed. A strong group of experts will cover the wide range of issues involved in the different sessions within their specific fields both from a scientific point of view as well as with practical nutritional approaches important in commercial situations. Very importantly, the symposium will include a display of contributed posters, and selected posters will be highlighted by the authors during 3 short communication sessions.

The WG2 meets regularly in connection with the ESPN or during the European conferences and world poultry congresses. At present, the WG2 has 30 members representing 17 European countries. The ESPN has been held every second year since 1977 at different locations in Europe and has attracted an increasing number of delegates over the years from around the world to listen to and discuss the presentations. Apart from many delegates from Europe, we also welcome participants from many countries outside Europe, and the sharing of thoughts and experiences among the delegates is an important contribution to the success of the symposium.

I wish you all an enjoyable and rewarding time during the ESPN 2015 and a wonderful stay in Prague.

Sanna Steenfeldt,
Aarhus University, Denmark.
Chair of WG2, WPSA.
COMMITTEES & SYMPOSIUM SECRETARIAT

SCIENTIFIC COMMITTEE
Dr Jiri Broz
Dr Karoly Dublecza
Dr Colin Fisher
Dr Rene Kwakkel
Dr Aidan Leek
Dr Martina Lichovnikova – contact person
Dr Yael Noy
Dr Yves Nys
Prof Dr Markus Rodehutscord
Dr Sanna Steenfeldt
Prof Dr Birger Svihus
Prof Dr Eva Tumova
Prof Colin Whitehead

ORGANISING COMMITTEE
Dr Pavel Trefil – chairman
Dr Martina Lichovnikova
Dr Lenka Papesova
Barbora Vinsova (GUARANT International spol. s r.o.)
Lucie Prichystalova (GUARANT International spol. s r.o.)

SYMPOSIUM SECRETARIAT
GUARANT International
Na Pankráci 17
140 21 Prague 4, Czech Republic
Phone: +420 284 001 444
E-mail: espn2015@guarant.cz
Website: www.espn2015.org

AUSPICES
The 20th European Symposium on Poultry Nutrition will is held under the auspices of Marian Jurečka Minister of Agriculture of the Czech Republic
# Programme at a Glance

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday 24 August</th>
<th>Tuesday 25 August</th>
<th>Wednesday 26 August</th>
<th>Thursday 27 August</th>
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<tbody>
<tr>
<td>08:30–10:00</td>
<td>Plenary Session 1</td>
<td>Plenary Session 3</td>
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<td>10:45–11:00</td>
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<td>11:00–11:30</td>
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<td>12:30–14:00</td>
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<td>Lunch Break I</td>
<td>Plenary Session 6</td>
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<td>Plenary Session 2</td>
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<td>Amino acids</td>
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<td>Hot topics</td>
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<td>15:00–15:35</td>
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<td>Discussion</td>
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<td>15:35–16:15</td>
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<td>17:00–17:30</td>
<td>Plenary Discussion</td>
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<td>18:00–19:00</td>
<td>Opening Ceremony</td>
<td>Poster Discussion</td>
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<td>19:00–20:00</td>
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<td>21:00–23:00</td>
<td>Gala Reception</td>
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SCIENTIFIC PROGRAMME

MONDAY, AUGUST 24, 2015

18:00–19:00 Opening Ceremony FORUM HALL*
19:00–21:00 Get Together Party FOYER & EXHIBITION AREA

TUESDAY, AUGUST 25, 2015

08:30–10:00 Plenary Session 1: Processes in the digestive tract FORUM HALL*
Chairpersons: Rodehutscord M. (Germany) and Narcy A. (France)

08:30–09:00 Protein digestion re-visited by proteomics
Duclos M. J. (INRA, France)

09:00–09:30 Relevance of gut microbiota for digestion
Zentek J. (Free University of Berlin, Germany)

09:30–10:00 Development of the gut associated immune system
Kaspers B. (University of Munich, Germany)

10:00–10:05 break

10:05–10:45 Discussion Groups DISCUSSION GROUPS ROOMS

10:45–11:00 Coffee break

11:00–11:30 Short Oral Presentations FORUM HALL*

Altering the Ca to P ratio in a pre-starter diet: its impact on early chick performance and bone ash in relation to chick hatch time
Muir W. (Australia)

Impact of lactylates on production performance and intestinal health of broiler chickens during subclinical Clostridium perfringens challenge
Boomsma B. (the Netherlands)

Phytase modulates ileal microbiota and enhances growth performance of the broiler chickens
Józefiak D. (Poland)

*Live streaming of sessions from Forum Hall will be projected at Meeting Hall V.
Phytate degradation in broilers as affected by dietary phytate and non-phytate phosphorus content  
*Van Krimpen M.* (the Netherlands)

Impact of dietary phosphorus and calcium feeding strategies on intestinal gene expression of broilers  
*Valable A.-S.* (Canada)

Bioavailability of zinc oxides in broilers  
*Narcy A.* (France)

11:30–12:30  **Plenary Discussion**

12:30–14:00  Lunch Break & Exhibition & Posters

14:00–15:30  **Plenary Session 2: Amino acids**

Chairpersons: *Langhout P.* (the Netherlands) and *Delezie E.* (Belgium)

14:00–14:30  **Relevance of glycine in low protein broiler feeds**  
*Siegert W.* (University of Hohenheim, Germany)

14:30–15:00  **Revisiting amino acid nutrition**  
*Tesseraud S.* (INRA, France)

15:00–15:15  **The nutritional value of yellow lupin (**_Lupinus luteus_**) for broilers**  
*Kaczmarek S.* (Poznań University of Life Sciences, Poland)

15:15–15:30  **Evaluation of a Lys to Arg antagonism in low crude protein diets for broiler chickens**  
*Schedle K.* (University of Natural Resources and Life Science, Vienna, Austria)

15:30–15:35  Break

15:35–16:15  **Discussion Groups**

16:15–16:30  Coffee Break

16:30–17:00  **Short Oral Presentations**

*Guanidinoacetic acid as an additive to broiler diets*  
*Zelenka J.* (Czech Republic)

*Effects of different feeding strategies during rear and lay on incubation traits in broiler breeder females*  
*Van Emous R.* (the Netherlands)

*Live streaming of sessions from Forum Hall will be projected at Meeting Hall V.*
The effects of low dietary protein levels on feed intake and hypothalamic AMPK of broiler chicks
Wang Y. (Belgium)

Solid-State Fermented Cereals Promises a Growth Promoting Effect in Broiler Chicken
Yasar S. (Turkey)

Influence of combined effect of temperature stimulation during the last days of incubation and of different protein and energy concentrations in the feed on growing performance of cockerels of different strains
Halle I. (Germany)

Standardized ileal amino acid digestibility in pea products fed to growing turkeys
Kozłowski K. (Poland)

17:00–18:00 Plenary Discussion
18:00 Poster Discussion
20:00 Gala Reception

*Live streaming of sessions from Forum Hall will be projected at Meeting Hall V.
**WEDNESDAY, AUGUST 26, 2015**

**08:30–10:00**  
**Plenary Session 3: Fats and energy sources**  
FORUM HALL*  
Chairpersons: Kwakkel R. (the Netherlands) and Svihus B. (Norway)

**08:30–09:00**  
**Fiber in poultry nutrition: Bonus or burden?**  
de Vries S. (Trouw Nutrition R&D, the Netherlands)

**09:00–09:30**  
**Comparative interests and limits of metabolizable energy and net energy for evaluating poultry and pig feeds**  
Noblet J. (INRA, France)

**09:30–10:00**  
**Evaluating the energy content of ingredients in poultry diets – An update**  
Mateos G. G. (Technical University of Madrid, Spain)

**10:00–10:05**  
Break

**10:05–10:45**  
**Discussion Groups**  
DISCUSSION GROUPS ROOMS

**10:45–11:00**  
Coffee Break

**11:00–11:30**  
**Short Oral Presentations**  
FORUM HALL*

- Cereal type but not the length of adaptation to experimental diets influenced dietary metabolisable energy for broilers  
  Olukosi O. (UK)

- Dietary fat source and vitamin E level affect the humoral immunity in broilers  
  Konieczka P. (Poland)

- Energy partitioning in broiler chickens fed diets containing a high level of canola meal supplemented with a carbohydrase enzyme  
  Choct M. on behalf of Toghyani M. (Australia)

- Effect of different dosages of coated butyric acid on growth performance and energy utilization in broilers  
  Kaczmarek S. (Poland)

- Effect of iso-energetic exchange of dietary fat and starch on the growth performance and body composition of broilers  
  Veldkamp T. (the Netherlands)

- Starch digestion in xylanase supplemented maize-soy diets  
  Lee S. (UK)

*Live streaming of sessions from Forum Hall will be projected at Meeting Hall V.*
11:30–12:30  Plenary Discussion  
12:30–14:00  Lunch Break & Exhibition & Posters  
14:00–15:00  Poster Discussion  
15:00–15:30  Coffee Break  
15:30–17:00  Plenary Session 4: Hot topics  
15:30–16:00  Impact of feed mycotoxins on performance and health of poultry  
            Dânicke S. (Federal Research Institute for Animal Health, Germany)  
16:00–16:30  How to feed layers until 100 weeks? – A practical approach  
            Pottgueter R. (Lohmann Tierzucht GmbH, Germany)  
16:30–17:00  Insects as poultry feed  
            Józefiak D. (Poznań University of Life Science, Poland)  

*Live streaming of sessions from Forum Hall will be projected at Meeting Hall V.
THURSDAY, AUGUST 27, 2015

08:30–10:00  **Plenary Session 5: Chick quality and flock performance**  
**FORUM HALL**
Chairpersons: Steenfeldt S. (Denmark) and Noy Y. (Israel)

08:30–09:00  **Imprinting – pre/post hatch as a nutritional tool**  
*Angel R.* (University of Maryland, USA)

09:00–09:30  **Improving broiler performance through breeder nutritional management**  
*Zuidhof M. J.* (University of Alberta, Canada)

09:30–10:00  **Nutritional solutions to improve broiler uniformity**  
*Gous R. M.* (University of KwaZulu-Natal, South Africa)

10:00–10:05  **Break**

10:05–10:45  **Discussion Groups**  
**DISCUSSION GROUPS ROOMS**

10:45–11:00  **Coffee Break**

11:00–12:00  **Plenary Discussion**  
**FORUM HALL**

12:00–13:30  **Lunch Break & Exhibition & Posters**

13:30–15:00  **Plenary Session 6: Turkey and duck nutrition**  
**FORUM HALL**
Chairpersons: Dublecz K. (Hungary) and Waldenstedt L. (Sweden)

13:30–14:00  **Nutritional requirements and feeding management of meat type ducks**  
*Baéza E.* (INRA, France)

14:00–14:30  **Nutritional determinants for gut health and litter characteristics in turkeys**  
*Grimes J. L.* (North Carolina State University, USA)

14:30–15:00  **Differences in amino acid and phosphorus digestibility between broiler chickens, turkeys and ducks**  
*Rodehutscord M.* (University of Hohenheim, Germany)

15:00–15:05  **Break**

15:05–15:45  **Discussion Groups**  
**DISCUSSION GROUPS ROOMS**

*Live streaming of sessions from Forum Hall will be projected at Meeting Hall V.
15:45–16:00 Coffee Break
16:00–17:00 Plenary Discussion
17:00–17:30 Closing Ceremony

*Live streaming of sessions from Forum Hall will be projected at Meeting Hall V.
Last update on August 10, 2015

INSTRUCTIONS FOR SPEAKERS

HOW TO SUBMIT YOUR PRESENTATION AT THE SYMPOSIUM

• Please come to the Speakers’ Ready Room (Meeting room 2.2) at least 1 ½ hour before the beginning of your session. In case your speech has been scheduled for morning session please come to the Speakers’ Ready Room (Meeting room 2.2) one day before the day of your presentation.

• Speakers’ Ready Room (Meeting room 2.2) location is marked in the Symposium Venue plan (see page 49).

Opening hours of the Speakers’ Ready Room (Meeting room 2.2)

<table>
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<tr>
<th>Date</th>
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<tr>
<td>Monday, 24 August, 2015</td>
<td>15:00–21:00</td>
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<td>Tuesday, 25 August, 2015</td>
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<td>Wednesday, 26 August, 2015</td>
<td>07:30–17:00</td>
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<td>Thursday, 27 August, 2015</td>
<td>07:30–11:30</td>
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OTHER INFORMATION

• During your lecture you will be using Remote Control for controlling your presentation.
• Your own notebook is allowed to use for presentation only after discussion with technician on-site.
• All presentations will be deleted from all the PC used during the Symposium.

We strongly ask all the speakers to keep the time of their presentations.
POSTERS INSTRUCTIONS

Posters should be set up in the Poster Area from 15:00 on August 24 and must be removed by 17:00 on August 27 at the latest. Those posters which will remain in the Poster Area after its closing will not be kept.

There will be no organized or moderated discussions over posters. The presenting author should be available near the poster during the Poster Discussion on Tuesday, August 25, 2015 (18:00–19:00) and on Wednesday, August 26, 2015 (14:00–15:00) to discuss his/her poster with interested colleagues.

ADDITIVES

P-001 (ID 94)
THE EFFICACY OF CERTAIN FEED ADDITIVES FOR THE PREVENTION OF CAMPYLOBACTER JEJUNI INFECTION IN BROILER CHICKENS
Wafaa Abd El-Ghany, Mohammed Awaad, Nagwa Rabie (Egypt)

P-002 (ID 62)
EVALUATION OF THE EFFECTS OF PROBIOTICS ON BACTERIAL CHONDRONECROSIS WITH OSTEOARTHRITIS, LAMENESS AND ANTIBIOTICS USE IN BROILER CHICKENS UNDER COMMERCIAL CONDITIONS
Wael Abdelrahman, Michaela Mohnl, Luca Vandi, Gino Totté, Liesbeth Dingboom, Peter Jacobs (Austria & the Netherlands)

P-003 (ID 130)
THE USE OF PROBIOTICS IN COCCIDIOSIS CONTROL AND ITS EFFECT ON PERFORMANCE IN BROILERS UNDER COMMERCIAL FIELD CONDITION
Wael Abdelrahman, Michaela Mohnl, Isabelle Dewaele (Austria & Belgium)

P-005 (ID 28)
EFFECT OF SODIUM BENTONITE AND SEEDS OF SILYBUM MARIANUM ON LIVER ENZYMES, LYMPH ORGANS AND IMMUNE SYSTEM OF BROILER CHICKENS FED WITH AFlATOxin
Nazar Afzali, Pouyan Malekinejad, Abbas Mohamadi, Hadi Sarir (Iran)

P-006 (ID 293)
EFFECT OF A HYDROLYSABLE TANNIN FROM CHESTNUT WOOD (SAVIOTAN®) ON DIGESTIBILITY AND NITROGEN BALANCE IN BROILER CHICKENS
Mauro Antongiovanni, Sara Minieri, Arianna Buccioni (Italy)

P-007 (ID 213)
A VALUE-BASED APPROACH TO DETERMINE THE OPTIMAL DOSE OF AN E. COli PHYTASE IN TERMS OF P REPLACEMENT AND IMPROVEMENTS IN BROILER PERFORMANCE
Luke Barnard, Farina Khattak, Luis Romero (UK)
P-008 (ID 146)
COMPARATIVE EFFICIENCY OF TWO MARIGOLD-BASED YELLOW PIGMENTS ON EGGS
TARGETING PASTA INDUSTRY
Marta Blanch, Wei Kong, Tom Hampton, Juan Valle (Spain & USA)

P-009 (ID 261)
IMPACT OF LACTYLATES ON PRODUCTION PERFORMANCE AND INTESTINAL HEALTH OF BROILERS IN TWO DIFFERENT CLOSTRIDUM PERFRINGENS CHALLENGE MODELS
Bart Boomsma, Syrena Powell, Delphine Melchior, Symone Kok (the Netherlands & USA)

P-010 (ID 277)
EFFECTS OF FEEDING ORIGINAL XPC ON SALMONELLA TYPHIMURIUM OR S. HEIDELBERG PREVALENCE AND LOAD IN BROILER CHICKENS
Jonathan Broomhead, Doug Smith, Don McIntyre (USA)

P-011 (ID 220)
VITAMIN D ENRICHMENT OF EGGS FOR HUMAN HEALTH
Linda Browning, Aaron Cowieson (Australia)

P-012 (ID 198)
EFFECT OF NUCLEOTIDES ENRICHED YEAST EXTRACTS ON VILLUS LENGTH AND GOBLET CELL COUNTING IN BROILER INTESTINE
M Teresa Brufau, Nerea González-Jurado, Anna M Pérez-Vendrell, Romain D’Inca, Eric Auclair, Borja Vilà, Joaquim Brufau, Ruth Ferrer, Raquel Martín-Venegas (Spain & France)

P-013 (ID 193)
EFFECTS OF THE INCLUSION OF NA-BUTYRATE IN DIETS BASED ON CORN OR WHEAT WITH DIFFERENT AMEN CONTENT EFFECTS ON GROWTH PERFORMANCE OF BROILERS REARED UNDER POOR HYGIENE CONDITIONS
Lourdes Câmara, Mohammad Vahid Kimiaetalab, Irene Solís, Pilar Guzmán, Andrés Ortíz, Gonzalo G. Mateos (Spain)

P-014 (ID 195)
EFFECT OF FEEDING DIFFERENT COMBINATIONS OF ORGANIC ACIDS, MONO-GLYCERIDES AND PROBIOTICS ON CAMPYLOBACTER COLONIZATION IN BROILERS
Oscar Casabuena, M. Chemally, M. Den Hartog, P. Vesseur, Marta I. Gracia (Spain, France & the Netherlands)

P-016 (ID 51)
THE EFFECTS OF DIETARY PLANT ALKALOIDS SUPPLEMENTATION WITH VARIOUS LEVELS OF DIGESTIBLE LYSINE–METHIONINE AND CALCIUM–NON PHYTIC PHOSPHORUS RATIO ON PRODUCTIVE PERFORMANCES, CARCASS CHARACTERISTICS AND MEAT QUALITY OF BROILER
Nantana Chauychuwong, Keatisak Soisuwan (Thailand)
P-017 (ID 329)
Efficacy of Coated Calcium Butyrate on Performance, Egg Quality and Incubation Parameters in Broiler Breeders
Evelyne Delezie, Beatrice Wegge, Luc Goethals, Sam De Campeneere (Belgium)

P-018 (ID 239)
Histological Studies on the Effect of Prebiotics on Bursa of Fabricius and Caecal Tonsils of Broilers
Hany El Habback, Abd El-Aleem El-Saba, Mohamed Abd, Elhadi AL-Werfaly (Egypt & Libya)

P-019 (ID 216)
Influence of Dietary Stearidonic Acid (18:4n-3) on Very Long-Chain Omega-3 Fatty Acid Deposition in Broiler Chicken Tissues
Robert Elkin, Yun Ying, Kevin Harvatine (USA)

P-020 (ID 100)
Effect of Bee Pollen on Growth Performance and Immune Status of Young Broiler Chicks
Alireza Fazayeli-Rad, Nazar Afzali, Homayoun Farhangfar, Mohammad Reza Asghari (Iran)

P-021 (ID 101)
Effect of Bee Pollen on Intestinal Morphometry and Selected Blood Parameters in Broiler Chicks
Alireza Fazayeli-Rad, Nazar Afzali, Homayoun Farhangfar, Mohammad Reza Asghari (Iran)

P-023 (ID 332)
Examination of Broiler Chicken Villi Evolution after Herbal Extract Feeding
János Gál (Hungary)

P-024 (ID 165)
Effect of an Algae-Clay Mix on the Use by Broiler Chickens of a Diet Containing Corn DDGS
Marie Gallissot, Mohamed El Hassimou Dia, Eve Coueron, Anne Trotel, Eric Pagot (France)

P-025 (ID 10)
Effects of Antibiotic and Probiotic Feed Additives on Growth Performance and Digestibility of Feed Nutrients in GIT of Broiler Chickens
Alena Grozina, Georgy Laptev (Russian Federation)

P-026 (ID 9)
Influence of Antibiotic and Probiotic Feed Additives on Gut Microflora of Broiler Chickens
Alena Grozina, Georgy Laptev (Russian Federation)
P-027 (ID 200)
EFFECT OF DIETARY INCLUSION OF MEDIUM CHAIN FATTY ACIDS AND BUTYRATE ON PERFORMANCE OF LAYING HENS AND FATTY ACIDS PROFILE; SENSORY AND TEXTURAL PROPERTIES OF EGGS
Romas Gruzauskas, Vilma Sasyte, Vilma Kliseviciute, Asta Raceviciute-Stupeliene, Virginijus Slausgalvis, Jamal Al-Saifi, Aldona Miezeliene, Gitana Alencikiene, Gintautas-Juozas Svirmickas (Lithuania & Belgium)

P-028 (ID 214)
CANTHAXANTHIN FROM CAROPHYLL® RED CAN IMPROVE THE VITELLINE MEMBRANE STRENGTH IN STORED EGGS FROM BREEDER HENS
Catherine Hamelin, Fernando Cisneros (France & Switzerland)

P-029 (ID 244)
SUPPLEMENTATION OF BUTYRIC ACID PRODUCING PROBIOTIC VERSUS DIETARY BUTYRATE
Veerle Hautekiet, Alain Kanora, Motomichi Takahashi (Belgium & Japan)

P-031 (ID 196)
EFFECT OF MEDIUM CHAIN FATTY ACIDS ON BROILER PERFORMANCE IN ENERGY REDUCED DIETS
David Hermans, Manu De Laet, Ellen Van Meenen (Belgium)

P-032 (ID 325)
GROWTH PROMOTING EFFECT OF ASPERGILLUS LUCHUENSIS IN BROILER
Kumiko Hioki, Chihoko Kawasaki, Masahiro Yamamoto, Kunioki Hayashi (Japan)

P-033 (ID 182)
CAN ADDITIONAL ENZYME IMPROVE PERFORMANCE IN BROILERS FED A LOW PROTEIN DIET?
Emma Ivarsson, Ida Elgåsen, Helena Wall (Sweden)

P-034 (ID 263)
EFFECT OF DIFFERENT LEVELS OF ARTICHOKE (CYNARASCOLYMUS L.) EXTRACT SUPPLEMENTATION IN DRINKING WATER ON THE IMMUNOLOGICAL RESPONSE AND YOLK RETENTION OF BROILER CHICKENS
Patipan Jaipeng, Jamlong Mitchaathai, Kornkamon Paditporn, Rachakris Lertpatarakomol, Sunisa Sirimongkolvorakul (Thailand)

P-035 (ID 330)
EFFECT OF A PHYTOGENIC FEED ADDITIVE ON PROTEIN AND AMINO ACID DIGESTIBILITY IN BROILERS
Leopold Jungbauer, A. Müller, J. D. van der Klis (Austria)
P-036 (ID 331)
EFFECTS OF COMBINING A PHYTOGENIC SUBSTANCES WITH ESTERS OF SHORT AND MEDIUM CHAIN FATTY ACIDS ON PRODUCTION PERFORMANCE IN BROILERS
Leopold Jungbauer, Jan Dirk van der Klis (Austria)

P-037 (ID 162)
A BACILLUS SUBTILIS BASED PROBIOTIC AIDS IN OVERCOMING THE PERFORMANCE LOSS ASSOCIATED WITH DIETS REDUCED IN ENERGY
Anée Kehlet, Michael Sims (Denmark & USA)

P-040 (ID 250)
EVALUATION OF CHOLINE CHLORIDE REPLACEMENT BY A POLYHERBAL MIXTURE IN INTENSIVE BROILER PRODUCTION
Jean François Le Roux, Homero Borin, Christophe Alleno (France & Switzerland)

P-041 (ID 222)
EFFECT OF ARTICHOKE (CYNARA SCOLYMYLUS L.) EXTRACT SUPPLEMENTATION IN DRINKING WATER ON GROWTH PERFORMANCE OF BROILER CHICKENS
Rachakris Lertpatarakomol, Patiparn Jaipeng, Sunisa Sirimongkolworakul, Kornkamol Padiporn, Jamlong Mitchaothai (Thailand)

P-042 (ID 234)
EFFECT OF DIETARY SODIUM DIFORMATE ON GROWTH PERFORMANCE, NUTRIENT DIGESTIBILITY, GUT HEALTH AND PROFITABILITY IN BROILERS
Christian Lückstädt (Germany)

P-043 (ID 256)
EFFECT OF DIETARY SUPPLEMENTATION OF ENZYMES PRODUCED FROM TRICHODERMA SP. AND ASPERGILLUS NIGER ON PRODUCTION PERFORMANCE AND EGG PRODUCTION
Achara Lukkananukool, Theerapon Kaew-wieng, Paitoon Kaewhom, Navaporn Chauynarong, Jamlong Mitchaothai (Thailand)

P-044 (ID 168)
THE ADDITION OF A NUTRITIONAL EMULSIFIER IMPROVES BROILER PERFORMANCE IN AN ENERGY DILUTED DIET
Luc Maertens, Saskia Leleu, Marc Rovers, Ludo Segers, Evelyne Delezie (Belgium & the Netherlands)

P-045 (ID 29)
DIFFERENT LEVELS OF SODIUM BENTONITE AND Silybum Marianum Seeds in Reducing the Adverse Effects of Aflatoxin on Blood Lipid Levels and the Relative Weight of Digestive Organs of Broiler Chickens
Pouyan Malekinejad, Nazar Afzali, Abbas Mohamadi, Hadi Sarir (Iran)
P-046 (ID 122)
EFFECT OF LIGNOCELLOUSE ON EGG PRODUCTION AND EGG QUALITY
Niko Milošević, Mirjana Đukić Stojčić, Lidija Perić, Marina Vukić-Vranješ (Serbia)

P-047 (ID 226)
EFFECT OF DIETARY SUPPLEMENTATION OF BOESENBERGIA PUNDURATA ON SMALL INTESTINAL MORPHOLOGY AND IMMUNOLOGICAL RESPONSE OF BROILER CHICKENS
Jamlong Mitchaothaij, Patipan Jaipeng, Rachakis Lertpatarakomol, Kiatchai Rojanamongkol (Thailand)

P-048 (ID 232)
A NOVEL IN VITRO POULTRY MODEL TO COMPARE RELEASE KINETICS OF (UN) PROTECTED BUTYRATE
Pierre C. A. Moquet, Lonneke Onrust, Rosalie van Emous, René P. Kwakkel (the Netherlands & Belgium)

P-049 (ID 147)
EFFECTS OF SACCHAROMYCES CEREVISIAE VAR. BOULARDII DIETARY SUPPLEMENTATION ON BROILER GROWTH PERFORMANCE AND SALMONELLA LOAD IN THE GUT AND CARCASS SKIN FOLLOWING CHALLENGE WITH SALMONELLA ENTERITIDIS
Konstantinos Mountzouris, Irida Palamidi, Vasileios Paraskeuas, Vanessa Demey, Florence Barbe, Georgios Theodoropoulos, Konstantinos Fegeros (Greece & France)

P-050 (ID 324)
FOOD ADDITIVES IN POULTRY FEEDING
Kakha Nadiradze, Lamara Jikia, Nana Phirosmanashvili, Mariami Goginashvili (Georgia)

P-053 (ID 98)
EFFECTS OF ACIDIFIED AND ALKALINIZED DIETS ON GROWTH PERFORMANCE AND INTESTINAL MORPHOMETRY OF BROILER CHICKENS
Rouhollah Nourmohammadi, Heshmatollah Khosravinia, Nazar Afzali (Iran)

P-054 (ID 99)
EFFECT OF DIETARY ACIDIFICATION AND ALKALINIZATION ON ILEAL DIGESTIBILITY AND TIBIA PARAMETERS OF BROILER CHICKENS
Rouhollah Nourmohammadi, Heshmatollah Khosravinia, Nazar Afzali (Iran)

P-055 (ID 221)
EFFECT OF ARTICHOKE (CYNARASCOLYMU.S L.) EXTRACT SUPPLEMENTATION ON BLOOD CHEMISTRY OF BROILER CHICKENS
Kornkamon Paditporn, Patipan Jaipeng, Jamlong Mitchoathai, Rachakrit Lertpatarakomol, Sunisa Sirimongkolworakul (Thailand)
P-056 (ID 27)
INCLUSION OF A DEFINED BLEND OF PLANT ALKALOIDS IMPROVES PERFORMANCE PARAMETERS IN BROILER CHICKENS
Anja Pastor, Mauro Morlacchini, Giorgio Fusconi (Germany & Italy)

P-057 (ID 53)
EFFECTS OF ENHANCED ACIDIFIERS ON THE REDUCTION OF _E. COLI_ IN CHALLENGED TURKEYS
Sabine Pruckner, Attila Kovács, Luca Vandi, Paola Massi, Giovanni Tosi (Austria & Italy)

P-058 (ID 59)
REDUCING _ESCHERICHIA COLI_ COLONIZATION IN ARTIFICIALLY CHALLENGED TURKEY USING A FEED SUPPLEMENTED NATURAL GROWTH PROMOTER PRODUCT
Sabine Pruckner, Attila Kovács, Luca Vandi, Paola Massi, Giovanni Tosi (Austria & Italy)

P-059 (ID 320)
THE INFLUENCE OF SINGLE DOSE OF OCHRATOXIN A AND HYDRATED ALUMINOSILICATES ON DUODENUM AND MUSCLE TISSUES OF BROILERS
Dejan Prvulović, Milan Popović, Danijela Kojić, Gordana Grubor-Lajšić (Serbia)

P-061 (ID 152)
SECONDARY PLANT COMPOUNDS AND THEIR ANTIMICROBIAL PROPERTIES TO INHIBIT THE GROWTH OF ANTIBIOTIC RESISTANT BACTERIA
Timo Rothstein, Dr. Inge Heinzl (Germany)

P-062 (ID 92)
1, 25 (OH)2D3-GLYCOSIDE ENHANCES GROWTH PERFORMANCE AND BONE MINERALIZATION OF BROILERS FED DIETS CONTAINING LOW AVAILABLE PHOSPHORUS IN THE PRESENCE OF PHYTASE
Yuwares Ruangpanit, Seksom Attamangkune, Sukanya Rattanatubtimtong, Chudapa Janchang (Thailand)

P-063 (ID 93)
EFFECT OF QUATERNARY BENZOPHENANTRIDINE AND PROTOPINE ALKALOIDS ON GROWTH PERFORMANCE AND INTESTINAL MORPHOLOGY OF BROILERS
Yuwares Ruangpanit, Seksom Attamangkune, Amnart Reansoi (Thailand)

P-064 (ID 91)
THE SUPPLEMENTATION OF 1, 25 (OH)2 D3-GLYCOSIDE IN COMBINATION WITH DIFFERENT PHOSPHORUS LEVELS ON GROWTH PERFORMANCES AND BLOOD CHEMICALS OF BROILERS
Yuwares Ruangpanit, Seksom Attamangkune, Sukanya Rattanatubtimtong, Thiti Jeenyim (Thailand)
P-065 (ID 194)
EFFECT OF SUPPLEMENTING VIA DRINKING WATER A BLEND OF MONO-GLYCERIDES, ALONE OR IN COMBINATION WITH ORGANIC ACIDS, ON CAMPYLOBACTER COLONIZATION IN BROILERS
Jaime Sánchez, A. Parra, Y. Carre, A. Csorbai, Marta I. Gracia (Spain & France)

P-066 (ID 265)
EFFECTS OF FUMONISINS IN POULTRY AND EFFICACY OF A FUMONISINS DEGRADING ENZYME (FUMZYME®) IN VIVO BY A SA/SO BIOMARKER
Simone Schaumberger, Bertrand Grenier, Sabine Masching, Ursula Hofstetter, Gerd Schatzmayr (Austria)

P-067 (ID 264)
EUROPEAN 2014 BIOMIN MYCOTOXIN SURVEY AND POULTRY FEED CONTAMINATION
Simone Schaumberger, Paula Kovalsky, Karin Nährer, Michael Sulyok, Ursula Hofstetter (Austria)

P-068 (ID 241)
PHYTOGENIC FEED ADDITIVES IMPROVE DIGESTIBILITY AND GROWTH PERFORMANCE IN BROILERS
Carina Schieder, Klaus Maenner, Christine Hunger, Juergen Zentek (Austria & Germany)

P-069 (ID 32)
EFFECT OF TWO MANNANASES ON PERFORMANCE OF BROILERS FED GALACTOMANNAN ENRICHED DIETS
Yauheni Shastak, Peter Ader, Christian Elwert (Germany)

P-070 (ID 74)
The use of caprylic acid in poultry: effect on salmonellas and campylobacters
Eva Skřivanová, Petra Hovorková, Michaela Englmaierová, Miloš Skřivan (Czech Republic)

P-071 (ID 77)
EFFECTS OF PLANT PROTEIN FEEDS AND PROBIOTIC ON ILEAL AND CECAL MICROFLORA COMPOSITION AND METABOLIC ACTIVITY IN BROILERS
Stefania Smulikowska, Justyna Jankowiak, Jan Czerwinski, Pawel Konieczka (Poland)

P-072 (ID 19)
The effects of dietary plant alkaloids supplementation with various levels of digestible lysine-methionine and calcium-phytic phosphorus ratio on productive performances and egg quality of laying hens in the late phase of production
Keatisak Soisuwan, Nantana Chauchuwong (Thailand)
P-073 (ID 47)
EVALUATION OF THE EFFECT OF TWO COMMERCIAL BUTYRATE ADDITIVES ON THE PERFORMANCE OF BROILERS
Richard Sygall, Geert Wielisma (the Netherlands)

P-075 (ID 235)
MILK SERUM: WASTE OR RECOUPRECE FOR BROILER DIET?
Vasilios Tsiouris, Ioanna Georgopoulou, Ioannis Amvrosiadis, Christos Batzios, Evangelia Sossidou, Michalis Kontominas (Greece)

P-076 (ID 215)
DEPOSITION OF DIFFERENT RED AND YELLOW CAROTENOIDS IN EGG YOLK AND COLOR CHANGE AFTER BOILING IS INFLUENCED BY THE CAROTENOID TYPE AND SOURCE
Murtala Umar Faruk, Raffaella Aureli, Takehiko Hayakawa, Fernando Cisneros (France, Japan & Switzerland)

P-077 (ID 333)
EFFECTS OF SPRAY DRIED PORCINE PLASMA ON BROILER PERFORMANCE UNDER PRACTICAL-SCALE CONDITIONS
Karin van de Belt, Carine van Vuure (the Netherlands)

P-078 (ID 166)
EVALUATION OF PERFORMANCE AND LITTER QUALITY OF BROILERS FED SUPPLEMENTED NADMG IN DIETS WITH VARYING ENERGY AND PROTEIN LEVELS
Marien van den Brink, Wouter Merckx, Stijn Massart, An Cools (the Netherlands & Belgium)

P-079 (ID 229)
EFFECTS OF SS-MANNANASE IN BROILERS ON LOW ENERGY DIETS
Ellen Van Eerden, Cees Kwakernaak, Karl Poulsen, Leo Suls (the Netherlands & Belgium)

P-080 (ID 1)
THE EFFECT ON PERFORMANCE OF A BROILER FEED SUPPLEMENTATION WITH A SYNERGISTIC MULTI-INGREDIENT BUTYRATE BASED PRODUCT
Valentine Van Hamme, Pedro Celso Machado (Belgium & Brazil)

P-081 (ID 2)
IMPACT OF AN AFLATOXIN CONTAMINATED FEED AND A MYCOTOXIN ELIMINATOR (ELITOX®) ON CIRCULATING IMMUNE CELLS AND SERUM ALBUMIN IN BROILERS
Valentine Van Hamme, Pedro Celso Machado, Luiz Felipe Caron (Belgium & Brazil)

P-082 (ID 211)
EFFECT OF FEEDING POLYPHENOLS ON CAMPYLOBACTER COUNTS IN BROILERS
Patricia Vazquez, Oscar Casabuena, Silvia Porras, Francisco J. García-Peña, Marta I. Gracia (Spain)
P-083 (ID 3)
THE EFFECTS OF DIFFERENT LEVELS OF BASIL POWDER ON GROWTH PERFORMANCE, SERUM ANTIOXIDANT STATUS AND BLOOD METABOLITES OF BROILERS
Morteza Youssefi, Mohammad Jamalizadeh, Majid Kalantar (Iran)

P-084 (ID 233)
EFFECT OF ACIDIFIERS AND SATURATED FAT SOURCES ON PERFORMANCE, CARCASS CHARACTERISTIC AND NUTRIENT DIGESTIBILITY OF BROILER CHICKENS
Azam Zeinali, Hasan Kermanshahi, Nazer Afzali, Abolghasem Golian (Iran)

FEED ENZYMES

P-086 (ID 40)
AMINO ACIDS CONCENTRATION OF INTERNAL CONTENTS AND ELEMENTAL CONTENTS OF EGG SHELL OF QUAIL EGGS DUE TO ENZYME-SUPPLEMENTED HIGH OR LOW FIBRE DIETS
Samuel Emmanuel Alu, Sylvanus Ngbede Carew, Fabian, G Kaankuka, Comfort Dooshima Tuleun (Nigeria)

P-087 (ID 39)
DRESSING PERCENTAGE, CARCASS CUTS AND PERCENT ORGAN WEIGHTS OF MALE QUAILS FED LOW OR HIGH FIBRE DIETS SUPPLEMENTED WITH MAXIGRAIN® ENZYME
Samuel Emmanuel Alu, Comfort, Dooshima Tuleun, Fabian, G Kaankuka, Sylvanus Ngbede Carew (Nigeria)

P-088 (ID 108)
COMPARATIVE EFFICACY OF THREE PHYTASES ON GROWTH PERFORMANCE AND APPARENT ILEAL DIGESTIBILITY OF PHOSPHORUS OF BROILER CHICKENS
Raffaella Aureli, Fidelis Fru, Jiri Broz (France & Switzerland)

P-089 (ID 109)
EFFECTS OF PROTEASE SUPPLEMENTATION ON THE STANDARDIZED ILEAL AMINO ACID DIGESTIBILITY IN TWO WHEAT BY PRODUCTS IN BROILER CHICKENS
Raffaella Aureli, Patrick Guggenbuhl, Jiri Broz (France & Switzerland)

P-090 (ID 286)
EFFECTS OF INCLUSION OF A MONO COMPONENT SERINE PROTEASE ON APPARENT ILEAL DIGESTIBILITY OF CRUDE PROTEIN AND AMINO ACIDS OF SOYBEAN MEALS OF DIFFERENT ORIGINS IN BROILERS
Lourdes Cámara, Mohammad Vahid Kimiaeitalab, Beatriz Saldaña, Husham Mandalawi, Clara Roselina Angel, Adam Smith, Gonzalo G. Mateos (Spain, USA & UK)
P-091 (ID 284)
INFLUENCE OF PROTEASE ENZYME SUPPLEMENTATION ON APPARENT ILEAL DIGESTIBILITY OF AMINO ACIDS OF CORN, WHEAT AND BARLEY GRAINS
Lourdes Cámara, Mohammad Vahid Kimiaeitalab, Julio Díaz Berrocoso, Clovis Gewehr, Pilar Guzmán, Clara Roselina Angel, Adam Smith, Gonzalo G. Mateos (Spain, Brazil, USA & UK)

P-092 (ID 340)
COMPARISON OF NSP ENZYME ACTIVITIES IN A WHEAT/SOY BASED DIET IN BROILERS
Kirsten De Keyser, Erik Vanderbeke, Leni Kuterna (Belgium)

P-093 (ID 202)
THE EFFECT OF SUPPLEMENTING A PURIFIED BACTERIAL ENDO-XYLANASE IN THE DIET OF OLD LAYING HENS ON PRODUCTION AND EGG SHELL QUALITY
Evelyne Delezie, Ronny Mombaerts, Anne Goderis, Saskia Leleu, Luc Maertens (Belgium)

P-094 (ID 249)
REPLACEMENT VALUE OF RAW FULL-FAT SOYBEAN FOR COMMERCIAL SOYBEAN MEAL SUPPLEMENTED WITH A NEW-GENERATION PROTEASE
Mammo M. Erdaw, Paul A. Iji, Rider A. Perez-Maldonado, Momennuzaman Bhuiyan (Australia & Singapore)

P-095 (ID 179)
EFFECT OF A BACTERIAL 6-PHYTASE ON PERFORMANCE, AMEN AND NITROGEN APPARENT TOTAL TRACT DIGESTIBILITY
Maria Francesch, Anna Maria Perez-Vendrell, Jiri Broz (Spain & Switzerland)

P-096 (ID 285)
AMYLASE IMPROVES RESISTANT STARCH DIGESTIBILITY OF DIETS
Vinícius Gonsales Schramm, José Otávio Berti Sorbara, Rafael Hermes, Lidiane Priscila Domingues, Ananda Portella Félix, Vitor Augusto Bernadini Zavelinski, Lucas Newton Ezaki Barrilli, Jean Fagner Durau, Lucas Barbosa de Lima, Alex Maiorka (Brazil)

P-098 (ID 73)
MICROBIAL PHYTASE IMPROVES PERFORMANCE AND BONE TRAITS IN BROILERS FED DIETS BASED ON SOYBEAN MEAL AND CONTAINING LUPIN MEAL
Sebastian Kaczmarek, Aaron Cowieson, Marcin Hejdysz, Andrzej Rutkowski (Poland & Switzerland)

P-099 (ID 326)
EFFECTS OF NSP-ENZYMES ON PRECECAL NUTRIENT DIGESTIBILITY AND ARABINOXYLAN DEGRADATION IN TURKEYS
Holger Kluge, Elke von Heimendahl, Stefan L. Kinzinger, Gabriele Stangl (Germany)
P-100 (ID 199)  
**EFFECT OF AN ENDO-1,4-ARABINOXYLANASE, ENDO-1,4-SS-GLUCANASE PREPARATION ON DIGESTIBILITY PARAMETERS IN BROILER FED A CORN-SOY BASED DIET**  
*Everton L. Krabbe, Valdir S. de Avila, L. dos S. Lopes, Dieter Feuerstein, Bruno Wernick, Peter Ader* (Brazil & Germany)  

P-101 (ID 150)  
**THE EFFECT OF DIETARY FEED STRUCTURE, PHYTASE AND XYLANASE APPLICATION ON BROILER PERFORMANCE**  
*Imke Kühn, Rob Ten Doeschate, Mike Bedford, Krzysztof Kozłowski* (Germany, UK & Poland)  

P-102 (ID 327)  
**EFFICACY OF PHYTASE SUPPLEMENTATION IN UNCOATED AND COATED FORM IN MALE BROILER CHICKENS**  
*Klaus Männer, Elke von Heimendahl, Stefan L. Kinzinger* (Germany)  

P-103 (ID 38)  
**USE OF FEED GRADE ENZYMES TO REDUCE THE IMPACT OF FEED BORNE IMMUNOGENS ON BROILER PRODUCTIVITY, INTESTINAL HEALTH AND THE IMMUNE SYSTEM**  
*Marco Antonio Martinez-Cummer, Karl Poulsen, Nannette Olmedo-Geniec, Fatemeh Alemi, Kirk Klasing* (USA & Belgium)  

P-104 (ID 203)  
**ADDITIONAL EFFECT OF ENDOXYLANASES ON TOP OF SUPERDOSED PHYTASE ON BROILER PERFORMANCE**  
*Ronny Mombaerts, Anne Goderis* (Belgium)  

P-105 (ID 307)  
**EFFECT OF A CARBOHYDRASES COMPLEX IN FEEDS WITH DIFFERENT METABOLIZABLE ENERGY AND AVAILABLE AMINO ACIDS LEVELS FOR BROILERS REARED UNDER A HOT CLIMATE CONDITION**  
*Roberto Montanhini Neto, Pierre Cozannet, Friedrich Rouffineau, Aurélie Preynat* (France)  

P-106 (ID 305)  
**EFFECT OF THE ADDITION OF A CARBOHYDRASE COMPLEX ON PERFORMANCE AND CARCASS YIELD OF BROILER CHICKENS FED WHEAT-SOYBEAN-BASED DIETS**  
*Roberto Montanhini Neto, Aurélie Preynat* (France)  

P-107 (ID 97)  
**THE EFFECT OF EXOGENOUS PHYTASE ON RETAINABLE PHOSPHORUS AND EGG QUALITY IN LAYING HENS**  
*Anna Musilová, Martina Lichovníková* (Czech Republic)
P-108 (ID 204)
INTERACTION BETWEEN NEW CA-PHYTASE STRATEGIES AND THE USE OF FIBROUS FEEDS BROILER DIETS
Alberto Navarro-Villa, Susana Chamorro, Jon de los Mozos, Ana Isabel Garcia-Ruiz (Spain)

P-109 (ID 169)
HOSTAZYM® X INCREASES DIGESTIBILITY OF FEEDS CONTAINING DIFFERENT CEREAL AND PROTEIN SOURCES
Lode Nollet, Karel Bierman, Natalia Soares (Belgium)

P-110 (ID 70)
OPTIPHOS® IMPROVES PERFORMANCE AND SHOWS A HIGH AP VALUE IN BROILERS
Lode Nollet, Karel Bierman, Natalia Soares (Belgium)

P-111 (ID 72)
OPTIPHOS® OUTPERFORMS QUANTUM® BLUE ON PH ACTIVITY RANGE AND SPEED OF PHYTIC ACID HYDROLYSIS
Lode Nollet, Karel Bierman, Natalia Soares, Spas Petkov (Belgium & Bulgaria)

P-112 (ID 71)
OPTIPHOS® OUTPERFORMS RONOZYME® HIPHOS ON PH ACTIVITY RANGE, RESISTANCE TO PEPsin AND SPEED OF PHYTIC ACID HYDROLYSIS
Lode Nollet, Karel Bierman, Natalia Soares (Belgium)

P-113 (ID 69)
THE EFFECT OF OPTIPHOS® AND RONOZYME® HIPHOS ON TECHNICAL PERFORMANCE AND AVAILABLE P IN BROILERS
Lode Nollet, Karel Bierman, Natalia Soares (Belgium)

P-114 (ID 68)
THE EFFICACY OF OPTIPHOS® AND RONOZYME® HIPHOS ON PERFORMANCE AND TIBIA ASH IN YOUNG BROILERS
Lode Nollet, Karel Bierman (Belgium)

P-115 (ID 217)
ENERGY METABOLISABILITY AND ILEAL DIGESTA VISCOSITY OF GROWING TURKEYS FED DIETS CONTAINING MALTED SORGHUM SPROUTS SUPPLEMENTED WITH ENZYME OR YEAST
Florence Oke, Oluwaseyi Oduguwa, Abimbola Oso, Olajide Adeyemi, Adebayo Jegede, Adekoya Ososowara, Adewale Adeoye, Adeboye Fafiolu, V. Pirgozliev (Nigeria & UK)

P-116 (ID 44)
PHYTASE AND PROTEASE IMPROVED GROWTH PERFORMANCE BY ENHANCING NUTRIENT UTILISATION OF BROILERS REARED UNDER CHALLENGE CONDITIONS
Oluyinka Olukosi, Aaron Cowieson, Fidelis Fru (UK & Switzerland)
P-117 (ID 104)
EFFECT OF MULTI-ENZYME SUPPLEMENTATION ON THE UTILIZATION OF Malted SORGHUM (SORGHUM BICOLOR) SPROUTS BY BROILER CHICKENS
Philip Onimisi, Taiye Lasisi, Gideon Bawa (Nigeria)

P-118 (ID 22)
EFFECT OF RONOZYME® PHYTASE ON THE UTILIZATION OF TWO POPULAR VARIETIES OF SORGHUM (SORGHUM BICOLOR) IN NIGERIA BY BROILER CHICKENS
Philip Onimisi, Mary Oladipo, Gideon Bawa (Nigeria)

P-119 (ID 121)
SOLUBILISATION AND VISCOSITY REDUCTION EFFECTS ON CEREAL CELL WALLS MEDIATED BY Xylanase AND SS-GLUCANASE
Ninfa Rangel Pedersen, Jonas Ravn, Dan Pettersson (Denmark)

P-120 (ID 107)
EFFECT OF A MICROBIAL 6-PHYTASE SUPPLEMENTATION ON PLASMATIC MYO-INOSITOL AND ON THE PECTORALIS MUSCLE TRANSCRIPTOME IN BROILERS
Jerome Schmeisser, Raffaella Aureli, Patrick Guggenbuhl (France)

P-121 (ID 266)
EFFICACY OF EXOGENOUS PHYTASE AND PROTEASE ENZYMES ON PERFORMANCE AND GASTRO INTESTINAL HEALTH IN BROILER CHICKENS
Phokela Jonathan Segobola, Phokela Jonathan Segobola, Christine Jansen van Rensburg (South Africa)

P-122 (ID 269)
THE EFFECTS OF MONOCOMPONENT PROTEASE IN REDUCED PROTEIN DIETS ON PERFORMANCE OF TURKEY POULTS
Mohammad Hossein Shahir, Reza Rahimi, Hamid Reza Taheri, Afshin Heidarinia, Nima Baradaran (Iran)

P-123 (ID 300)
EXOGENOUS PROTEASE IN MASHED AND PELLETED DIETS FOR BROILERS
Cristiane Soares da Silva Araujo, Raphael Fortes de Oliveira, Lucio Francelino Araujo, Pedro Henrique Mota, Natalia Barros Petroli Ultimi, Carlos Alexandre Granguelli (Brazil)

P-124 (ID 135)
ENERGY AND NUTRIENT UTILIZATION RESPONSES OF BROILERS FED DIETS SUPPLEMENTED WITH AN α-AMYLASE
José Otávio Sorbara, Sergio Luiz Vieira, Catarina Stefanello, Gabriela de Oliveira Santiago, Cristina Tonial Simões, Natália Chaves Serafini, Rafael Gustavo Hermes (Brazil)
P-125 (ID 292)
EFFECT OF PHYTASE SUPPLEMENTATION UP TO 4000 U/KG IN BROILERS FROM 22 TO 42 DAYS POST-HATCH GIVEN DIETS SEVERELY LIMITED IN AVAILABLE PHOSPHORUS
Hamid Reza Taheri, Ali Heidari, Mohammad Hossein Shahir (Iran)

P-126 (ID 227)
EVALUATION OF A NEW, HIGHLY EFFICIENT PHYTASE IN BROILERS
János Tossenberger, Veronika Halas, Katalin Németh, Peter Ader, Dieter Feuerstein (Hungary & Germany)

P-127 (ID 136)
STARCH DIGESTIBILITY AND ENERGY UTILIZATION OF BROILERS FED CORN-SOYBEAN BASAL DIETS SUPPLEMENTED WITH AMYLASE AND Xylanase
Sergio Luiz Vieira, Catarina Stefanello, Gabriela de Oliveira Santiago, Natália Chaves Serafini, José Otávio Sorbara, Rafael Gustavo Hermes (Brazil)

P-128 (ID 89)
COMPOSITE ANALYSIS OF 10 BROILER TRIALS EVALUATING STANDARD AND SUPERDOSES OF A MICROBIAL PHYTASE IN THE PRESENCE OR ABSENCE OF A Xylanase
C. L. Walk, I. Kuehn, M.R. Bedford (UK & Germany)

P-129 (ID 248)
A MULTI-ENZYME PREPARATION DEGRADES WHEAT TO BUTYROGENIC SUBSTRATES AND IMPROVES BROILER DIGESTIVE HEALTH
Nadia Yacoubi, Luc Saulnier, Estelle Bonnin, Richard Ducatelle, Filip van Immerseel (Belgium & France)

FEED RAW MATERIALS

P-130 (ID 110)
THE EFFECT OF DIFFERENT LEVELS OF EXTRUDED HEMPSEED (CANNABIS SATIVA L.) ON PERFORMANCE, PLASMA LIPID PROFILE AND IMMUNE RESPONSE OF BROILER CHICKS
Nazar Afzali, Mehdi Barani, Seyed Javad Hosseini Vashan (Iran)

P-131 (ID 54)
CRUDE FIBRE IN LAYER FEED INFLUENCES PERFORMANCE AND PLUMAGE OF LSL HYBRID
Danielle Albiker, Rebecca Bieler, Ruedi Zweifel (Switzerland)

P-132 (ID 154)
EFFECT OF TWO SOURCES OF ZINC ON BROILER PERFORMANCE
Christophe Alleno, Agathe Romeo, Stéphane Durosoy (France)

P-133 (ID 191)
EFFECT OF CORN ORIGIN ON NUTRITIONAL COMPOSITION AND IN VITRO DEGRADABILITY
Ahmed M. Amerah, Cees Kwakernaak, Peter W. Plumstead (UK & the Netherlands)
P-134 (ID 175)
EFFECT OF DIETARY SUPPLEMENTATION WITH FERMENTED RICE BRAN ON GROWTH PERFORMANCE, BLOOD PARAMETERS, AND INTESTINAL MICROFLORA IN BROILER CHICKENS
Han-Tae Bang, Hwan-Ku Kang, Ji-Hyuk Kim, Jong Hwangbo, Chan-Ho Kim (South Korea)

P-135 (ID 111)
THE EFFECT OF HEMPSEED (CANNABIS SATIVA L.) ON PERFORMANCE, SOME BLOOD BIOCHEMICAL PARAMETERS AND IMMUNE RESPONSE IN BROILER CHICKENS
Mehdi Barani, Nazar Afzali, Seyed Javad Hosseini Vashan (Iran)

P-136 (ID 103)
IMPROVEMENT OF EGG QUALITY AND ANTIOXIDANT STATUS OF LAYING HENS SUPPLEMENTED WITH MELON-FREEZE DRIED JUICE CONCENTRATE RICH IN ANTIOXIDANT ENZYMES
Florence Barbe, Julie Carillon, Audrey Sacy, Florence Rudeaux, Dominique Lacan (France)

P-137 (ID 86)
EFFECT OF DIFFERENT MAIZE BASED DIETS ON THE PRODUCTION PERFORMANCE AND CARCASS CHARACTERISTICS OF BROILER
Anjuman Ara Bhuyan, Ali Akbar Bhuiyan, Nathu Ram Sarker (China & Bangladesh)

P-138 (ID 117)
THE EFFECT OF FEED RESTRICTION ON CHANGES OF MUSCLE FIBRE CHARACTERISTICS OF MUSCULUS PECTORALIS MAJOR IN BROILER CHICKEN
Darina Chodová, Eva Tůmová (Czech Republic)

P-140 (ID 178)
VARIABILITY OF STARCH DIGESTIBILITY IN BROILERS FED WITH WHEAT-BASED DIETS: EFFECTS OF AGE AND FEEDING BEHAVIOUR
Justine Danel, Jean-Paul Mêtayer, Maria Vilariño (France)

P-141 (ID 272)
THE EFFECTS OF FEEDING MAIZE OR WHEAT BASED DIETS WITH OR WITHOUT XYLANASE SUPPLEMENTATION ON THE GUT MORPHOLOGY AND MICROFLORA OF BROILER CHICKS
Fanni Dublec, Laszlo Pal, Laszlo Wagner, Ferenc Husveth, Karoly Dublec, Andor Molnar (Hungary & Austria)

P-142 (ID 12)
IMPROVEMENT OF NUTRITIVE VALUE OF TRITICALE GRAIN
Tatiana Egorova, Tatiana Lenkova (Russian Federation)

P-143 (ID 13)
RAPE SEED AND CAKE IN BROILER DIETS
Tatiana Egorova, Tatiana Lenkova (Russian Federation)
P-144  (ID 246)  
RESPONSE OF BROILER CHICKS FED ON STEAM- OR COLD-PELLETED DIETS CONTAINING RAW FULL-FAT SOYBEAN MEAL
Mammo M. Erdaw, Paul A. Iji, Rider A. Perez-Maldonado, Momenuzzaman Bhuiyan  
(Australia & Singapore)

P-145  (ID 183)  
EFFECT OF EXTRUSION COOKING ON THE NUTRITIONAL VALUE OF FABA BEAN FOR BROILER CHICKENS
Marcin Hejdysz, Sebastian Kaczmarek, Andrzej Rutkowski  (Poland)

P-146  (ID 174)  
EFFECT OF DIETARY SUPPLEMENTATION WITH RICE BRAN OIL ON GROWTH PERFORMANCE, BLOOD PARAMETERS, AND MEAT QUALITY IN BROILER CHICKENS
Kang HwanKu, Kim JiHyuk, Hwangbo Jong, Bang Hantae, Jeon IkSoo, Kim Chanho  (South Korea)

P-148  (ID 127)  
USE OF SEMI-LEAFLESS PEAS  \textit{(Pisum Sativum L)}  WITH ENZYME ADDITION IN DIETS FOR BROILERS
Erja Koivunen, Petra Tuunainen, Eija Talvio, Eija Valkonen, Tuomo Tupasela, Jarmo Valaja  
(Finland)

P-149  (ID 218)  
NATURAL STABILIZATION OF RICE BRAN AND THE EFFECT ON BROILER PERFORMANCE AND CARCASS YIELD
Everton Luis Krabbe, Aiane Aparecida da Silva Catalan, Edenilse Gopinger, Valdir Silveira de Avila, Diego Surek, Leticia dos Santos Lopes  (Brazil)

P-152  (ID 141)  
EFFECT OF ONION AND GRAPE SEED EXTRACTS ON MEAT QUALITY AND ANTIOXIDANT STATUS IN BROILER CHICKENS
Krzysztof Lipiński, Zofia Antoszkiewicz, Magdalena Mazur, Zbigniew Makowski  (Poland)

P-153  (ID 190)  
EFFECT OF TYPE OF CEREAL AND OAT HULLS ADDITION ON GASTROINTESTINAL MORPHOLOGY IN BROILERS ORALLY INFECTED WITH \textit{Campylobacter Jejuni}
Carlos Millán, A. Martin, J. Mayot, Jaime Sánchez, Marta I. Gracia  (Spain & France)

P-155  (ID 78)  
THE EFFECT OF WHOLE WHEAT FEEDING ON THE GROWTH PERFORMANCE AND CARCASS VALUE OF BROILER CHICKENS
László Pál, Boglárka Horváth, Fanni Dublec, Károly Dublec, Csaba Kázmér Ács, Eszter Galamb, László Bustyaházai, Ferenc Husvéth  (Hungary)
P-156 (ID 298)
BATCH VARIABILITY OF WHEAT DISTILLERS DRIED GRAINS WITH SOLUBLES (DDGS) ON METABOLISABLE ENERGY AND NUTRIENT DIGESTIBILITY WHEN FED TO BROILERS
V Pirgozliev, I Whiting, J Wilson, S P Rose, M W Mirza, A M Amerah (UK)

P-157 (ID 142)
EVALUATION OF CRIMPED KERNEL MAIZE SILAGE SUPPLEMENTATION ON BROILER PRODUCTION
Samir Ranjitkar, Ricarda M. Engberg, Jette Søholm Petersen (Denmark)

P-158 (ID 126)
EFFECT OF HOP CONE SUPPLEMENTATION ON OXIDATIVE STRESS AND OXIDATIVE STABILITY OF FRESH AND STORED MEAT IN BROILERS
Vida Rezar, Alenka Levart, Janez Salobir (Slovenia)

P-159 (ID 4)
EFFECT OF REPLACING SOY IN BROILER DIETS ON PERFORMANCE, CARCASS YIELD AND COST OF PRODUCTION
Marc Ritter, Danielle Albiker, Peter Spring (Switzerland)

P-160 (ID 299)
EFFECT OF STORAGE ON FEEDING VALUE OF WHEAT DISTILLERS DRIED GRAINS WITH SOLUBLES (DDGS) FOR BROILER CHICKENS
A Sharpe, M W Mirza, I Whiting, S P Rose, V Pirgozliev (UK)

P-161 (ID 257)
GLYcerol-A GREAT POTENTIAL SOURCE OF ENERGY FOR LAYER
Pichet Sriboonyong, Yuwares Ruangpanit (Thailand)

P-162 (ID 201)
EFFECT OF DIFFERENT NSP PRODUCTS IN TWO DIET TYPES ON GUT PARAMETERS AND BROILER PERFORMANCE
Rob ten Doeschate, Karin van de Belt (UK & the Netherlands)

P-163 (ID 228)
RAPESEED MEAL: NUTRITIONAL VALUE PROBABLY MORE DETERMINED BY PROCESSING THAN GEOGRAPHIC ORIGIN
Ellen Van Eerden, Cees Kwakernaak, Adam Smith (the Netherlands & UK)

MINERAL NUTRITION

P-165 (ID 102)
MEASUREMENT OF TRUE ILEAL CALCIUM DIGESTIBILITY OF LIMESTONE FOR BROILER CHICKENS
Muhammad Naveed Anwar, Ravi Ravindran, Patrick Morel, Rana Ravindran, Aaron Joell Cowieson (New Zealand & Australia)
P-166 (ID 309)
DIETARY SELENIUM SUPPLEMENTATION OF BREEDERS INFLUENCES GROWTH AND SELENIUM STATUS OF PROGENY
Mickaël Briens, Florian Couloigner, Friedrich Rouffineau, Pierre-André Geraert, Yves Mercier (France)

P-167 (ID 308)
TOWARD AN EASY ASSESSING METHOD TO MEASURE SELENIUM BIOAVAILABILITY IN BIRDS
Mickaël Briens, Florian Couloigner, Maamer Jlali, Friedrich Rouffineau, Pierre-André Geraert, Yves Mercier (France)

P-168 (ID 335)
EFFECT OF ZN, CU & MN CHELATED WITH METHIONINE ANALOGUE ON BROILER CARCASS QUALITY
Pierre Buttin, Christophe Alleno, Mercedes Vazquez (Belgium & France)

P-169 (ID 338)
EFFECT ON BROILER CHICKEN LAMENESS AND PERFORMANCES OF 2 DOSES OF ZINC, COPPER AND MANGANESE SUPPLIED EITHER WITH AN INORGANIC SOURCE OR WITH CHELATES OF METHIONINE ANALOGUE
Pierre Buttin, Federico Sirri, Juxing Chen, Mercedes Vazquez (Belgium & Italy)

P-170 (ID 79)
BROILER PERFORMANCE AND PREVALENCE OF FOOTPAD LESIONS IN RESPONSE TO PHYTASE, CALCIUM AND PHOSPHORUS CONCENTRATIONS
Evelyne Delezie, Karel Bierman, Lode Nollet, Saskia Leleu, Luc Maertens (Belgium)

P-171 (ID 291)
EFFECTS OF DIETARY COARSENESS AND WET FEEDING ON P-UTILISATION OF LOW AVAILABLE P DIETS IN YOUNG (PRE-)LAYER HENS
Miranda Elling-Staats, Kazeem Akinloye, Juul Loeffen, Albert Dijkslag, Rene Kwakkel (the Netherlands)

P-172 (ID 65)
THE EFFECT OF LIMESTONE PARTICLE SIZE AND PHYTASE SUPPLEMENTATION ON PERFORMANCE, EGGSHELL QUALITY AND BACTERIAL SPECIES IN ILEUM
Michaela Englmaierová, Miloš Skřivan, Eva Skřivanová (Czech Republic)
P-174 (ID 161)
GRIT STONES ACCUMULATION AND DISAPPEARANCE IN THE GIZZARD OF BROILER CHICKENS
Khaled Itani, Birger Svihus, Gorm Sanson (Norway)

P-175 (ID 180)
THE EFFECT OF CALCIUM AND HOUSING SYSTEM ON PERFORMANCE AND EGG COMPOSITION OF TWO CONTRAST GENOTYPES
Mohamed Ketta, Eva Tůmová (Czech Republic)

P-176 (ID 341)
EFFECT OF FORM OF SELENIUM USED BROILER BREEDERS’ DIET ON CHICKS’ GROWTH PERFORMANCE
H. R. Kutlu, L. Çelik, N. Saber, H. Cinli, F. Küley, M. Kutlu, O. Yücelt (Turkey)

P-177 (ID 342)
EFFECT OF SELENIUM SOURCE ON EGG PRODUCTION AND EGG QUALITY OF BROILER BREEDERS
H. R. Kutlu, L. Çelik, N. Saber, F. Yenilmez, H. Cinli, N. Toy, F. Çakıroğlu, M. Kutlu, O. Yücelt (Turkey)

P-178 (ID 167)
A COMPARISON OF AVAILABLE PHOSPHORUS FROM SOYBEAN MEAL AT ILEAL AND FAECAL LEVEL IN BROILERS
Cees Kwakernaak, Marinus van Krimpen (the Netherlands)

P-180 (ID 306)
PHOSPHORUS AND CALCIUM DIGESTIBILITY IS IMPROVED WITH THE ADDITION OF A CARBOHYDRASE COMPLEX IN BROILER CHICKENS FED WHEAT-SOYBEAN-BASED DIETS
Roberto Montanhini Neto, Pierre Cozannet, Aurélie Preynat (France)

P-181 (ID 115)
IMPACT OF DIETARY PHOSPHORUS AND CALCIUM CONCENTRATIONS ON THEIR DEPOSITION IN SOFT AND BONE TISSUES IN CHICKS
Agnès Narcy, Xavière Rousseau, Nathalie Même, Michel Magnin, Yves Nys (France)

P-182 (ID 337)
EFFECT OF A REDUCE SUPPLY OF ZN, Cu, MN AS CHELATE OF METHIONINE ANALOGUE ON HATCHABILITY IN BROILER BREEDERS AND BONE QUALITY OF PROGENY
Silvia Peris, Christophe Alleno, Jacky Michard, Meghara Manangi (Belgium & France)
**P-183** (ID 334)  
**EFFECT OF TRACE MINERALS CHELATED WITH METHIONINE ANALOGUE ON THE DEVELOPMENT OF BACTERIAL CHONDRONECROSIS WITH OSTEOMYELITIS IN POULTRY**  
*Silvia Peris, Juxing Chen, Robert F. Wideman Jr., Mercedes Vazquez* (Belgium & USA)

**P-184** (ID 184)  
**EFFECTS OF FEEDING BROILERS DIETS WITHOUT INORGANIC PHOSPHORUS FROM EARLY STAGES (DAY 11) AND VARYING LEVELS OF PHYTASE ON GROWTH PERFORMANCE AND TIBIA ASH**  
*Angela Riemensperger, Dawn Scholey, Rachael Bold, Emily Burton* (UK)

**P-185** (ID 287)  
**BONE ASH AS A CRITERION FOR ASSESSING MINERALISATION IN BROILERS**  
*Colin Sanni, Emily Burton* (UK)

**P-186** (ID 96)  
**ADAPTATION TO LOW PHOSPHORUS DIETS IN BROILERS**  
*Mohammad Hossein Shahir, Mohammad Ali Haghparast, Hamid Reza Taheri, Nima Baradaran* (Iran)

**P-188** (ID 119)  
**THE IMPACT OF SODIUM AND CHLORIDE LEVELS AND RATIOS ON THE PERFORMANCE OF BROILERS FED DIETS CONTAINING LASALOCID AT TWO DIETARY LEVELS**  
*Vasil Stanev, Mark LaVorgna, Taylor Barbosa, Marco Quiroz, John Dickson, Dieter Vancraeynest* (France & USA)

**P-189** (ID 123)  
**THE EFFECT OF HOUSING SYSTEM AND CALCIUM ON EGGSHELL QUALITY**  
*Jana Svobodová, Eva Tůmová, Michaela Englmaierová* (Czech Republic)

**P-190** (ID 260)  
**DETERMINATION OF PHOSPHORUS DIGESTIBILITY OF MONO-DICALCIUM PHOSPHATE AND MONOCALCIUM PHOSPHATE IN BROILER CHICKENS**  
*Tassanee Trairatapiwan, Seksom Attamangkune, Yuwares Ruangpanit, Ornprapun Songserm* (Thailand)

**P-191** (ID 163)  
**INHIBITORY ACTION OF ANALYTICAL GRADE ZINC OXIDE AND OF A NEW POTENTIATED ZINC OXIDE ON THE IN VITRO GROWTH OF ESCHERICHIA COLE AND OF SALMONELLA ENTERICA STRAINS**  
*Wilfried Vahjen, Agathe Romeo, Stéphane Durosoy, Jürgen Zentek* (Germany & France)
P-193 (ID 283)
THE EFFECT OF FOUR BETAINES PRODUCTS ON REPLACING METHIONINE AND CHOLINE SUPPLEMENTATION ON GROWTH PERFORMANCE IN BROILER CHICKENS FROM 10 TO 28 DAYS OF AGE
Piero Agostini, Barbara Auer, Walter Van Hofstraeten, Loek de Lange (the Netherlands & Austria)

P-194 (ID 75)
THE RELATIVE VALUE OF METHIONINE HYDROXY ANALOGUE (HMTBA) COMPARED TO DL-METHIONINE (DLM) AT DIFFERENT METHIONINE LEVELS IN COMMERCIAL BROILER DIETS FROM 0 TO 38 DAYS OF AGE
Piero Agostini, Pierre Buttin, Mercedes Vazquez-Añon (the Netherlands, Belgium & USA)

P-195 (ID 157)
REDUCING DIETARY CRUDE PROTEIN CONTENT IN BROILERS AGED FROM D14 TO D31 OF AGE
Pauline Belloir, Etienne Corrent, Jean Marc Hallouis, Michel Lessire, Sophie Tesseraud (France)

P-196 (ID 159)
RESPONSE TO DIETARY CRUDE PROTEIN CONTENT IN BROILERS FROM 21 TO 35 DAYS
Pauline Belloir, Bertrand Meda, Etienne Corrent, Philippe Rousseau, Sophie Tesseraud, Michel Lessire (France)

P-197 (ID 271)
FACTORIAL MODEL TO ESTIMATE DIGESTIBLE VALINE, ISOLEUCINE AND TRYPtophan REQUIREMENTS OF BROILER BREEDER HENS
Michele Bernardino de Lima, Nilva Kazue Sakomura, Edney Pereira da Silva, Juliano Cesar de Paula Dorigam, João Batista Kochenborger Fernandes, Camila Angelica Gonçalves (Brazil)

P-198 (ID 270)
MAINTENANCE REQUIREMENTS OF VALINE, ISOLEUCINE, AND TRYPtophan FOR POULTRY
Michele Bernardino de Lima, Nilva Kazue Sakomura, Juliano Cesar de Paula Dorigam, Edney Pereira da Silva, Jaqueline de Paula Gobi (Brazil)

P-199 (ID 84)
PARTIAL REPLACEMENT OF COMMERCIAL PROTEIN CONCENTRATE BY FEATHER MEAL IN BROILER DIETS
Ali Akbar Bhuiyan, Shijun Li, Anjuman Ara Bhuyan, Nazrul Islam (China & Bangladesh)
P-200 (ID 197)
EFFECT OF REPLACING SOYBEAN MEAL WITH DIFFERENT PROTEIN SOURCES DURING STARTER PERIOD ON PERFORMANCE AND FOOT PAD DERMATITIS IN BROILERS
Siniša Bjedov, Carsten Pedersen, Lidija Perić, Mirjana Đukić Stojčić, Niko Milošević (Serbia & Denmark)

P-201 (ID 46)
ESTABLISHING AN AMINO ACID PATTERN AND IDEAL RATIO FOR MAINTENANCE OF POULTRY BY DELETION METHOD
Juliano Cesar de Paula Dorigam, Nilva Kazue Sakomura, Michele Bernardino de Lima, Miryelle Freire Sarcinelli, Rafael Massami Suzuki (Brazil)

P-202 (ID 278)
GLYCINE VERSUS DIMETHYLGLYCINE SUPPLEMENTATION IN LOW AND HIGH FAT BROILER DIETS
An Cools, Angelo Lauwaerts, Nick Martyak, Scott Beyer (Belgium & USA)

P-203 (ID 208)
MODELLING BROILER PERFORMANCES BASED ON DIETARY ENERGY AND DIGESTIBLE LYSINE
Jon de los Mozos, Alberto Navarro-Villa, Ana Isabel García-Ruiz, Greg Page (Spain & Canada)

P-204 (ID 282)
STOCHASTIC MODEL TO PREDICT LYSINE REQUIREMENT AND EGG PRODUCTION OF BROILER BREEDER HENS
Nayara Tavares Ferreira, Nilva Kazue Sakomura, Juliano Cesar de Paula Dorigam, João Batista kochenborger Fernandes, Rob Mervyn Gous (Brazil & South Africa)

P-205 (ID 318)
PROTEIN NUTRITION OF COMMERCIAL LAYING HENS
Lucio Francelino Araujo, Diogo Valle Gambaro, Cristiane Soares da Silva Araujo, Brunna Garcia Leite (Brazil)

P-206 (ID 26)
RESPONSE OF BROILER CHICKENS TO DIETARY VALINE:LYSINE RATIO
Marie Fredette, Virginie Rivera, Greg Page, Zhirong Jiang, Michel, Marie-Pierre Létourneau (Canada & USA)

P-207 (ID 224)
EFFECT OF DIFFERENT DIETARY ENERGY AND PROTEIN LEVELS ON PERFORMANCE AND CARCASS CHARACTERISTICS OF JAPANESE QUAIL
Navid Ghavipanje, Mojtaba Afshin, Nazar Afzali (Iran)
**P-208** (ID 171)
DETERMINATION OF STANDARDIZED ILEAL DIGESTIBLE LYSINE REQUIREMENT IN GROWING TURKEY POULTS BY DIFFERENT STATISTICAL METHODS
Afshin Heidariniya, Mohamadhossein Shahir, Hamid Reza Taheri, Mohamadhossein Nemati (Iran)

**P-209** (ID 81)
EFFECT OF WHITE LUPINE SEEDS INCLUSION ON BROILER CHICKENS PERFORMANCE, DIGESTIBILITY AND VILLI STRUCTURE
Sebastian Kaczmarek, Marcin Hejdysz, Andrzej Rutkowski (Poland)

**P-210** (ID 185)
INTERACTION BETWEEN THREONINE AND GLYCINE AT LOW DIETARY CRUDE PROTEIN AND THE EFFECT ON PRODUCTION PERFORMANCE, MEAT QUALITY AND PLASMA METABOLITES IN BROILER CHICKENS
William Lambert, Marc Rovers, Jan Ensink, Sophie Tesseraud, Etienne Corrent, Loek de Lange, Laura Star (the Netherlands & France)

**P-211** (ID 188)
IS META-ANALYSIS AN EFFECTIVE TOOL TO ESTIMATE THE GLYCINE PLUS SERINE REQUIREMENT OF BROILER CHICKENS?
William Lambert, Aude Simongiovanni, Sophie Tesseraud, Etienne Corrent (France)

**P-212** (ID 186)
THREONINE REQUIREMENT OF BROILER CHICKENS: INTEGRATED PREDICTION BY META-ANALYSIS
William Lambert, Aude Simongiovanni, Sophie Tesseraud, Etienne Corrent (France)

**P-213** (ID 11)
PROTEIN-CARBOHYDRATE FEED FOR BROILERS
Tatiana Lenkova, Tatiana Egorova (Russian Federation)

**P-214** (ID 25)
IMPACT OF DIFFERENT DIETARY L-ARGININE CONCENTRATIONS ON GROWTH OF PUREBRED LAYING HENS OF FOUR GENOTYPES DIFFERING IN PHYLGENY AND PERFORMANCE LEVEL
Marc-Alexander Lieboldt, Ingrid Halle, Jana Frahm, Rudolf Preisinger, Lars Schrader, Steffen Weigend, Sven Dänicke (Germany)

**P-215** (ID 66)
INTERACTION OF GRADED DIETARY L-LYSINE (LYS) AND GENOTYPE (GT) ON PERFORMANCE AND EGG QUALITY OF PUREBRED LAYING HENS DIFFERING IN PHYLGENY AND PERFORMANCE LEVEL
Marc-Alexander Lieboldt, Ingrid Halle, Steffen Weigend, Rudolf Preisinger, Sven Dänicke (Germany)
P-216  (ID 290)
EFFECT OF DIGESTIBLE ARGinine TO DIGESTIBLE LYSiNE (DARG:DLYS) RATIOS ON
PERFORMANCE OF MALE ROSS 308 BROILERS
Leonardo Linares, Hilke Willemsen, Sandro Cerrate, Marcelo Silva, Jim McAdam (UK & USA)

P-217  (ID 80)
REPLACING SOYBEAN MEAL BY ALTERNATIVE PROTEIN SOURCES: MULTICRITERIA
ASSESSMENT OF MEDIUM OR SLOW-GROWING CHICKEN PRODUCTION SYSTEMS
Bertrand Méda, Michel Lessire, Léonie Dusart, Isabelle Bouvarel, Cécile Berri (France)

P-218  (ID 321)
THE USE OF HERBAL METHIONINE AS AN ALTERNATIVE TO DL-METHIONINE IN BROILER
CHICKENS
Soudabeh Moradi, Arash Moradi, Zahra Zangane (Iran)

P-222  (ID 268)
EFFECT OF FEED PROTEIN CONTENT ON THE PERFORMANCE AND UNIFORMITY OF
LAYING HENS
Hilda Palma Bendezu, Nilva Kazue Sakomura, Euclides Braga Malheiros, Edney Pereira Da
Silva, Camila Gonçalves, Michele Bernardino de Lima (Brazil)

P-223  (ID 63)
VARIATIONS IN SOYBEAN MEAL AND EFFICIENCY OF PROTEIN HYDROLYSIS BY
PANCREATIC PROTEASE AND MICROBIAL PROTEASE
Katrine Pontoppidan, Gonzalo G. Mateos, Rosalina Angel, Adam Smith (Denmark, Spain,
USA & UK)

P-224  (ID 106)
IDENTIFICATION OF PROTEIN FRACTIONS IN DIGESTA OF BROILERS FED WITH FOUR
DIFFERENT PROTEIN SOURCES
Emilie Recoules, Houda Sabboh-Jourdan, Agnès Narcy, Michel Lessire, Grégoire
Harichaux, Michel Duclos, Sophie Réhault-Godbert (France)

P-225  (ID 124)
INFLUENCE OF DIETARY LEVELS OF WHEAT DISTILLERS’ DRIED GRAINS WITH SOLUBLES
AND TWO VALUES OF STANDARDISED ILEAL DIGESTIBLE AMINO ACIDS ON BROILER
GROWTH PERFORMANCE
Lorraine Salmon, Oliver Caiger Smith, Nell O’Neill, Richard Weightman, Julian Wiseman,
Oluyinka Olukosi (UK)

P-226  (ID 259)
DETERMINATION OF STANDARDIZED ILEAL DIGESTIBLE LYSINE REQUIREMENT OF MALE
TURKEY POULTS USING PHYSIOLOGICAL INDICATORS
Mohammad Hossein Shahir, Afshin Heidariniya, Hamid Reza Taheri, Seyed Abdollah
Hoseini (Iran)
P-228 (ID 131)  
**FABA BEANS AS PROTEIN SOURCE IN DIETS FOR ORGANIC EGG LAYERS**  
*Sanna Steenfeldt, Jens Askov Jensen, Marianne Hammershøj* (Denmark)

P-229 (ID 177)  
**VARIATION OF AMINO ACID DIGESTIBILITY OF TRITICALE GENOTYPES STUDIED IN CAECCTOMISED LAYING HENS**  
*Tobias Zuber, Markus Rodehutscord* (Germany)

**OTHER TOPICS**

P-231 (ID 120)  
**MODULATION OF INTESTINAL MUCIN COMPOSITION BY FUSARIUM MYCOTOXINS IN BROILERS**  
*Gunther Antonissen, Filip Van Immerseel, An Martel, Barbara Novak, Siska Croubels, Konstantinos C. Mountzouris* (Belgium, Austria & Greece)

P-232 (ID 297)  
**STABILITY OF SECONDARY PLANT COMPOUNDS BASED PRODUCTS IN FEED PROCESSING**  
*Rainer Aschenbroich* (Germany)

P-233 (ID 209)  
**FURTHER INVESTIGATIONS ON THE ADVERSE EFFECTS OF FEED AND WATER DEPRIVATION OF DAY-OLD CHICKS, WITH EMPHASIS ON THE GASTROINTESTINAL DEVELOPMENT**  
*An Bautil, Jens Lesuisse, Nadia Everaert, Johan Buyse* (Belgium)

P-234 (ID 134)  
**EFFECT OF YEAST AS A SOURCE OF NUCLEOTIDE SUPPLEMENTED IN BROILER BREEDERS DIETS AND ITS CARRYOVER EFFECT ON PROGENY**  
*Melina Bonato, Lúcio Araújo, Ricardo Barbalho, Cristiane Araújo* (Brazil)

P-235 (ID 274)  
**EFFECTS OF FEEDING ORIGINAL XPC DURING A CAMPYLOBACTER CHALLENGE IN BROILERS AND TURKEYS**  
*Jonathan Broomhead, Doug Smith, Don McIntyre* (USA)

P-236 (ID 311)  
**PECULIARITIES OF CHICKENS’ GLUCOSE TRANSPORT AND MECHANISMS INVOLVED**  
*Edouard Coudert, Estelle Cailleau-Audouin, Christophe Praud, Pascal Froment, Sophie Tesseraud, Sonia Métayer-Coustard* (France)

P-237 (ID 206)  
**FEED DENSITY AND TARGET BODY WEIGHT DURING THE REARING PHASE INFLUENCED BODY COMPOSITION, FEEDING MOTIVATION AND BEHAVIOUR OF BROILER BREEDER**
PULLETS
Jon de los Mozos, Leo den Hartog, Ana Isabel García-Ruíz, Mª Jesús Villamide (Spain & the Netherlands)

P-238 (ID 207)
SPLITFEEDING SYSTEM REDUCES SECOND GRADE EGGS IN THE LATE PRODUCTION PHASE OF LAYING HENS
Jon de los Mozos, Alberto Navarro-Villa, Ana Isabel García-Ruíz (Spain)

P-239 (ID 133)
THE INFLUENCE OF OZONE TREATMENT ON THE DEGRADATION OF DIFFERENT MYCOTOXINS IN CONTAMINATED MAIZE
Karoly Dublecz, Laszlo Pal, Laszlo Wagner, Ferenc Husveth, Fanni Dublecz, Orsolya Hegyi (Hungary)

P-242 (ID 192)
EFFECT OF PARTICLE SIZE AND FEED PRESENTATION (MASH VS PELLETS) ON CECAL MORPHOLOGY AND CAMPYLOBACTER JEJUNI COLONIZATION OF BROILERS ORALLY INFECTED
Marta I. Gracia, Francisco J. García-Peña, M. Guyard, Gilles Le Pottier, M. Tenk (Spain, France & Hungary)

P-243 (ID 289)
EFFECT OF PHYSICAL FEED QUALITY AND LOW ENERGY MASH DIET ON THE PERFORMANCE OF BROILER BREEDERS
Eija Helander, Hilke Willemsen, Carolyne Kemp, Otto van Tuijl (UK & the Netherlands)

P-244 (ID 181)
EXPANDING TEMPERATURE OF FEED DURING PROCESSING AFFECTED BROILER PERFORMANCE, PELLET QUALITY AND LIPID DIGESTIBILITY
Christine Jansen van Rensburg, Dieter Fleischmann (South Africa)

P-245 (ID 230)
THE EFFECT OF NOVEL CARBOHYDRASES ON PERFORMANCE AND GASTROINTESTINAL MICROECOLOGY OF THE BROILER CHICKENS
Damian Józefiak, Jakub Długosz, Bartosz Kierończyk, Mateusz Rawski, Sylwester Świątkiewicz, Natalia Soares (Poland & Belgium)

P-246 (ID 252)
CRUDE MICROFLORA MIX ON THE CONTROL OF NECROTIC ENTERITIS
Chake Keerqin, Shubiao Wu, Robert Swick, Mingan Choct (Australia)
P-247 (ID 210)
DOES CAGE EFFECT REDUCTION HAVE AN IMPORTANT ROLE ON INTESTINAL MICROBIOTA?
Alireza Khadem, Marta Ribeiro Alves Lourenço, Geert P. J. Janssens, Luc Maertens, Evelyne Delezie, Ronny Mombaerts, Anne Goderis, Monica Höfte (Belgium)

P-248 (ID 155)
PERFORMANCE AND INCIDENCE OF TIBIAL DISCHONDROPLASIA IN BROILERS SUPPLEMENTED WITH 25-HYDROXY-CHOLECALCIFEROL IN DIET
Michele Laboissiere, Roberto de Moraes Jardim-Filho, Marcos Barcellos Cafe, Maria Auxiliadora Andrade, Elisabeth Gonzales, Jose Henrique Stringhini (Brazil)

P-249 (ID 189)
EMULSIFIER INFLUENCING FAT AND GROSS ENERGY DIGESTIBILITY OF BROILERS FED DIETS CONTAINING FAT POWDER
Saskia Leleu, David Hermans, Manu De Laet, Evelyne Delezie, Luc Maertens (Belgium)

P-250 (ID 212)
EFFECT OF A REDUCED BALANCED MATERNAL DIETARY PROTEIN LEVEL ON THE REPRODUCTIVE PERFORMANCE OF BROILER BREEDERS AND THE ZOO TECHNICAL PERFORMANCE OF THEIR PROGENY
Jens Lesuisse, Congcong Li, Seline Schallier, Nadia Everaert, Johan Buyse (Belgium)

P-251 (ID 139)
EFFECT OF FEED FORM AND CHANGE OF FEED FORM ON THE PERFORMANCES OF FASTGROWING BROILERS FED A WHEAT BASED DIET
Luc Maertens, Evelyne Delezie, Saskia Leleu (Belgium)

P-253 (ID 132)
EIMERIA MAXIMA CAUSES CHANGES IN MRNA EXPRESSION OF GENES ASSOCIATED WITH AMINO ACID AND SUGAR UPTAKE IN THE JEJUNUM OF INFECTED BROILERS
Katarzyna Miska, Raymond Fetterer (USA)

P-254 (ID 322)
THE EFFECT OF INCREASING METABOLIZABLE ENERGY, LEVEL AND DURATION OF FEED RESTRICTION ON PERFORMANCE AND BLOOD PARAMETERS IN BROILER CHICKENS
Soudabeh Moradi, Zahra Zangane, Alireza Abdolmohammadi (Iran)

P-255 (ID 128)
DETERMINATION OF THE IN VITRO SENSITIVITY OF CHICKEN AND PORCINE PERIPHERAL BLOOD MONONUCLEAR CELLS TO DEOXYNIVALENOL AND DEEPOXY-DEOXYNIVALENOL
Barbara Novak, Elisabeth Mayer, Sabine Hessenberger, Gerd Schatzmayr (Austria)
P-256 (ID 281)
SIMULATION AND EXPERIMENTAL VALIDATION TO PREDICT FEED INTAKE IN PRE-LAYING PHASE
Hilda Palma Bendezu, Nilva Kazue Sakomura, Euclides Braga Malheiros, Juliano Paula Dorigam (Brazil)

P-257 (ID 129)
EFFECT OF A NOVEL CARBOHYDRATE FRACTION ON INTESTINAL MORPHOLOGY OF BROILER CHICKENS
Lidija Perić, Mirko Ivković, Dragan Žikić, Peter Spring (Serbia & Switzerland)

P-258 (ID 145)
THE DEVELOPMENT OF LACTOBACILLI IN THE BROILER GASTROINTESTINAL TRACT
Samir Ranjitkar, Ricarda M. Engberg, Blair Lawley, Gerald Tannock (Denmark & New Zealand)

P-259 (ID 37)
FEED PRACTICES IN AUSTRALIAN FREE-RANGE EGG PRODUCTION
Isabelle Ruhnke, Carolyn DeKoning, Kelly Drake, Mingan Choct, Mini Singh (Australia)

P-260 (ID 245)
HISTOMORPHOMETRIC MEASURES OF INTESTINAL SEGMENTS OF EMBRYOS AND BROILER CHICKS HATCHED FROM DIFFERENT EGG WEIGHTS AND FED INCREASED DIGESTIBLE LYSINE LEVELS IN PRE-STARTER DIETS
Januaria Silva Santos, Eduardo Miranda De Oliveira, Andre Luiz Machado Carneiro, Maria Auxiliadora Andrade, Marcos Barcellos Cafe, Jose Henrique Stringhini (Brazil)

P-261 (ID 88)
EFFECTS OF SLAUGHTER WEIGHT AND SEX ON CARCASS YIELD, FAT AND FATTY ACID COMPOSITION OF MEAT IN BROILERS
Arda Sozcu, Umran Sahan (Turkey)

P-262 (ID 82)
ELEVATED HATCHER TEMPERATURE AFFECTS ONE DAY OLD CHICK QUALITY AND GROWTH PERFORMANCE DURING EARLY POST-HATCH PERIOD
Arda Sozcu, Aydin Ipek (Turkey)

P-263 (ID 240)
SURVEY ON THE COCCIDIOSIS PREVENTION STRATEGIES AND PRACTICES IN THE AMERICAS
Vasil Stanev, Roberto Carlos Vargas, Marco Quiroz, Dieter Vancraeynest (France)

P-264 (ID 149)
EFFECT OF DIFFERENT DIETARY LEVELS OF ENERGY AND PROTEIN ON PERFORMANCE OF JAPANESE QUAIL DURING GROWER PHASE
Hamid Reza Taheri, Mohammad Abbasi (Iran)
P-265 (ID 140)  
GROWTH PERFORMANCE AND IMMUNE RESPONSE OF BROILER CHICKENS FED DIETS SUPPLEMENTED WITH PROBIOTIC AND PREBIOTIC, INDIVIDUALLY OR INCOMBINATION  
Hamid Reza Taheri, Mozhgan Kokabi Moghadam, Mohammad Kakebaveh, Taher Harakinezhad (Iran)

P-266 (ID 6)  
STARCH AND PROTEIN INTESTINAL UPTAKES IN TANDEM INFLUENCE WEIGHT GAIN OF BROILER CHICKENS  
Ha Truong, Rachael Bold, Sonia Liu, Peter Selle (Australia & UK)

P-267 (ID 158)  
THE EFFECT OF GENOTYPE, HOUSING SYSTEM AND CALCIUM ON OVIPPOSITION TIME AND EGG SHELL QUALITY  
Eva Tůmová, Vladimíra Charvátová, Michaela Englmaierová (Czech Republic)

P-268 (ID 118)  
THE EFFECT OF EARLY FEED RESTRICTION, GENOTYPE AND SEX ON PERFORMANCE AND CARCASS COMPOSITION OF BROILER CHICKENS  
Linda uhlířová, Eva Tůmová (Czech Republic)

P-269 (ID 223)  
EFFECT OF FEED AND WATER ACCESS ON HATCHLING BODY WEIGHT CHANGES BETWEEN HATCH AND PULL  
Carla van der Pol, Conny Maatjens, Gerald Aalbers, Inge van Roovert-Reijrink (the Netherlands)

P-270 (ID 153)  
EFFECTS OF DIFFERENT FEEDING STRATEGIES DURING REAR AND LAY ON EGG WEIGHT, AGE OF SEXUAL MATURITY AND PEAK PRODUCTION IN BROILER BREEDER FEMALES  
Rick van Emous, René Kwakkel, Marinus van Krimpen (the Netherlands)

P-272 (ID 323)  
THE EFFECT OF INCREASING METABOLIZABLE ENERGY, LEVEL AND DURATION OF FEED RESTRICTION ON PERFORMANCE AND INTESTINAL MORPHOLOGY IN BROILER CHICKENS  
Zahra Zangane, Soudabeh Moradi, Alireza Abdolmohammadi (Iran)
POSTER SESSION HAPPY HOURS

25 August, 2015, 18:00–19:00

A small refreshment will be served during the Poster Session Happy Hours. All participants are kindly invited.
Title: The 9th Advancia International Seminar  
Amino acids, redox balance and anti-oxidant mechanisms  

Time: 08:15–13:00  

Chairmen: Prof Mingan Choct and Prof Peter Surai  

Programme:  
08:15 Welcome and Introduction  
Dr Pierre-André Geraert  

08:30–10:00  
Immunity, Redox balance and Anti-Oxidant mechanisms  
Redox biology, amino acids and feed efficiency: what proteogenomic studies can reveal  
Prof Walter Bottje  
Selenoproteins: from anti-oxidant to immune potential  
Dr Mickaël Briens  

10:00–10:30 Coffee Break with my PNE  

10:30–11:45  
Update on recent researches  
Methionine and immunity  
Prof Sammy Aggrey  
Impact of methionine deficiency on protein metabolism  
Dr Sophie Tesseraud  
Meat quality: impact of anti-oxidants  
Dr Mario Estevez  

11:45–12:45 Round Table and Take home messages  
Prof Mingan Choct and Prof Peter Surai  
Formulating with low protein: diets  
Formulating with antioxidant potential
DSM

MEETING HALL IV

Title: “Gut health in poultry: Lessons from human & animal physiology”
Chairman: Dr. Fidelis Fru, R&D Director, Animal Nutrition & Health, DSM

Programme:

“New research into the human gut and its relevance to gut health in poultry”
Dr. Jan Sikkema, Director Center for Development and Innovation, University Medical Center Groningen, The Netherlands

“Nutrigenomics & nutrigenetics in poultry: definition, examples and perspectives”
Dr. Michel Duclos, Director of INRA Avian research unit, Nouzilly, France

“Developing a gut health solution requires a new holistic direction”
Dr. Fidelis Fru, R&D Director, Animal Nutrition & Health, DSM

Interactive discussion
**TUESDAY, 25 AUGUST, 2015**

**PERSTORP**

**Title:** The science and practice of butyric acid in poultry nutrition today  
**Time:** 13:00 – 13:45  
**Speaker:** Geert Wielsma DVM, Product manager at Perstorp

**Brief introduction of the presentation:**
For over three decades, butyric acid has been studied as a feed additive in many different species. The mode of action is complex and diverse. New technologies to deliver butyric acid in the small intestine of animals have opened the door to new applications of the molecule. The positive effects on gut wall integrity, microbiota and the immune system make butyric acid an excellent tool to modulate gut health. With an increasing pressure to reduce the use of antibiotics in animal feed and at the same time the need to improve technical performance on farm level, solutions that improve gut health are much needed. Perstorp is one of the few basic producers of butyric acid in the world.

With the development of new solutions to influence gut health in poultry, Perstorp tries to help solve the questions of today’s industry needs. In this presentation you will be updated with the latest insights in the use of gut health improving solutions, with special attention to the use of butyric acid.

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**THURSDAY, 27 AUGUST, 2015**

**NOVUS INTERNATIONAL**

**Title:** Environmental constraints in poultry related to Zn, Cu and Mn  
**Time:** 12:30 – 13:15  
**Speaker:** Laura Star, PhD, Schothorst Feed Research, Researcher Poultry Nutrition

Register online at www.novusint.com/ESPN2015, at the Novus stand or before the symposium at the Forum Hall entrance.
**SYMPOSIUM VENUE**

*Prague Congress Centre (PCC), 5. května 65, 140 21 Prague 4, Czech Republic*  
*Phone: +420 261 171 111, website: www.kcp.cz*

**Public transport:** Metro Line C (red), Vyšehrad station  
**Symposium Entrance:** Entrance number 5  
**Tours Meeting Point:** Entrance number 10
**EXHIBITION PLAN & LIST OF EXHIBITORS**

**LIST OF EXHIBITORS:**

1. Alltech  
2. Aviagen  
3. BIOMIN GmbH  
4. Perstorp  
5. DSM  
6. Adisseo  
7. Huvepharma  
8. DuPont Industrial Biosciences  
9. Nuscience  
10. Novus International  
11. Zoetis International Services SAS  
12. EW Nutrition  
13. Impextraco  
14. Delacon Biotechnik GmbH  
15. Phytobiotics Futterzusatzzstoffe GmbH  
16. AB Vista  
17. Context Publications  
18. Sadepan Chimica Srl.  
19. Elanco Animal Health  
20. Evonik Nutrition & Care GmbH  
21. WPSA

**EXHIBITION HOURS:**

<table>
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<th>Day</th>
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<tr>
<td>Monday, 24 August, 2015</td>
<td>18:00 – 21:00</td>
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<td>Thursday, 27 August, 2015</td>
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AB Vista is a specialist producer of feed ingredients, and a division of AB Agri, the agricultural arm of Associated British Foods (ABF) Ltd.

Adisseo is one of the world’s leading experts in feed additives. The group relies on its 7 research and technology centers and its production sites based in Europe and China to design, produce and market nutritional solutions for sustainable animal feed. With 1,800 employees, it serves more than 2,600 customers in over 100 different countries through its global distribution network. In 2014, Adisseo achieved a turnover of over 1 billion euros. Adisseo is one of the main subsidiaries of China National BlueStar, leader in the Chinese chemical industry with nearly 25,000 employees and a turnover of 50.2 billion RMB (6.1 billion euros).

Adisseo

www.adisseo.com

Alltech’s solutions for poultry provide our customers with a competitive advantage through nutritional technologies tailored to address challenges impacting modern poultry production and profitability.

Aviagen Broiler Breeders supplies day-old grandparent and parent stock chicks to customers in 130 countries worldwide under the Arbor Acres®, Indian River®, and Ross® brand names.

At BASF, we create chemistry – and have been doing so for 150 years. Feed producers, farmers, animals and consumers – all can benefit from our research and development committed to feeding the world’s growing population. Our enzymes, glycinates, vitamins, carotenoids, organic acids, clays, and omega-6’s help farmers raise vital animals.

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 and gut performance. Our in-house R&D program at the BIOMIN Research Center is staffed by 80 scientific researchers and supported by eight Centers for Applied Animal Nutrition and a research...
network of 200 academic and research institutions globally. Our clients in the poultry, swine, cattle and aquaculture sectors are located in more than 100 countries worldwide.

DELACON BIOTECHNIK GmbH

Delacon – performing nature
Founded and grown as an Austrian family business, Delacon has been the pioneer and global leader in phytogenic feed additives for more than 25 years. The company researches, develops and produces purely natural feed additives composed of herbs, spices and essential oils for ruminants, swine and poultry and coined the term ‘phytogenics’. The vision of company founder Helmut Dedl to replace antibiotic growth promoters by phytogenic feed additives and thus to ensure sustainable, profitable life production and food safety, still applies to the current CEO Markus Dedl as a guideline of corporate strategy.

DSM

DSM’s world of Animal Nutrition & Health
DSM is one of the world’s leading suppliers of vitamins, carotenoids, eubiotics and feed enzymes to the global feed, food, pharmaceutical and personal care industries. DSM has a strong tradition as a pioneer in the discovery of new products, formulations and attractive applications for all industry segments and, supported by carefully targeted R&D, the company is able to respond actively to the current and future trends in the market place. DSM has the broadest range of ingredients in the industry. In the feed industry, all of our products are specifically developed and formulated in terms of stability, bio-availability, handling properties, traceability and safety, to meet the requirements of modern-day animal feed production. DSM creates effective nutritional solutions for poultry, swine, ruminants, aquaculture, helping farmers to meet increasing demands for welfare, environment, health, pigmentation, feed cost savings and sustainability.

DUPONT INDUSTRIAL BIOSCIENCES

Danisco Animal Nutrition helps animal producers maximize the return on their feed investment, improve liveability and tackle commercial sustainability challenges through deliver of optimized feed enzyme, betaine and probiotic feed solutions. For more information, please visit: www.animalnutrition.dupont.com

ELANCO ANIMAL HEALTH

Hemicell is highly specific enzyme for poultry and swine diets. Its unique mode of action helps reduce energy loss caused by Feed Induced Immune Response (FIIR) to soluble β-mannans found in soybean meal and any other vegetable feed ingredients. With fewer β-mannans in feed, FIIR is reduced, allowing the animals to direct more energy to growth and performance.
**EVONIK NUTRITION & CARE GmbH**

Evonik Nutrition & Care GmbH produces and markets all four essential amino acids used in advanced animal nutrition: MetAMINO®, Biolys®, ThreAMINO® and TrypAMINO®. Mepron®, a rumen-stable DL-methionine for high-performance dairy cows, and CreAMINO®, a creatine source for broilers complement the product portfolio.

**EW NUTRITION**

EW Nutrition is a dynamic company, globally active with a strong science based portfolio of functional, innovative feed&food additives.

**HUVEPHARMA**

Huvepharma® is a European based, globally operating company, developing, producing and marketing animal health products and feed additives. Main focus of Huvepharma® is to improve the profitability and sustainability of the swine, poultry and cattle sector. This is shown by a continuous release and development of new effective products and convenient formulations and providing technical service, to support the animal production chain in producing efficiently healthy animal products. Huvepharma’s enzyme range with OptiPhos® and Hostazym® X as well recognized brands, are part of this and famous for their effectiveness all around the world.

**IMPEXTRACO**

Impextraco® develops & produces feed ingredients that protect animal health and enhance productivity while respecting animal welfare & sustainability.

**LOHMANN ANIMAL NUTRITION GmbH**

Lohmann Animal Nutrition: for healthy animals through long-term expertise in feed formulation and the development of clever nutrition concepts.

**NOVUS INTERNATIONAL**

Novus International, Inc. is headquartered in St. Charles, Missouri, U.S.A. and serves over 3,000 customers in nearly 100 countries around the world. As a global leader in developing animal health and nutrition solutions, Novus provides a wide range of products including amino acids, organic trace minerals (OTMs), feed enzymes, eubiotic solutions, pigments and feed quality ingredients. These products deliver a demonstrable and sustainable value to animal protein producers, allowing for more efficient and cost-effective production. Novus is proud to partner with the 20th European Symposium on Poultry Nutrition. Learn more at www.novusint.com/ESPN2015
NUSCIENCE

Nuscience Group is a global player in premixes, concentrates, mineral feed, nutritional concepts and feed additives in the animal nutrition industry.

PERSTORP

Perstorp is a leading provider of gut health and preservation solutions for the poultry industry. Perstorp produces organic acids and its derivatives to create value adding feed additives that serve today’s industry needs. The global challenge to increase animal health and welfare and reduce the use of antibiotics at the same time requires new methods for feeding animals. With products such as ProPhorceTM SR, we aim to increase animal performance and optimize gut health in broilers and layers. Our global service team is happy to help you with any questions. Visit www.perstorp.com for more information.

PHYTOBIOTICS FUTTERZUSATZSTOFFE GmbH

Phytobiotics offers Sangrovit®, a phytogenic, natural performance enhancer, which improves feed conversion ratio, mortality rate and helps to maintain a healthy gut.

ZOETIS INTERNATIONAL SERVICES SAS

Building on more than 60 years of experience in animal health, Zoetis strives to support those who raise and care for farm animals by providing a range of products and services that offer tangible solutions to the many challenges veterinarians and livestock producers face every day.
For more information, visit www.zoetis.com.
REGISTRATION
Registration Desk is situated on the 2nd floor.

REGISTRATION HOURS:

<table>
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<tr>
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<tr>
<td>Monday, 24 August, 2015</td>
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<td>Tuesday, 25 August, 2015</td>
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<td>Thursday, 27 August, 2015</td>
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WHAT IS COVERED BY THE FEE?

DELEGATE
- Attending all Symposium Scientific Sessions
- Participation in Opening Ceremony, Welcome Cocktail and Closing Ceremony
- Admission to the Exhibition Area
- Symposium materials
- Coffee breaks, Lunches
- Free public transport ticket valid during symposium dates (24–27 August 2015)

ACOMPANYING PERSON
- Participation in Opening Ceremony, Welcome Cocktail and Closing Ceremony
- Admission to the Exhibition Area
- Coffee breaks, Lunches
- Free public transport ticket valid during symposium dates (24–27 August 2015)
- Prague City Tour (D1-1) on 26 August, 2015 organised by AGL travel

BADGE CATEGORIES

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<th>DELEGATE</th>
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Admission to: Symposium Scientific Sessions / Poster Area / Exhibition Area / Opening Ceremony / Welcome Cocktail / Closing Ceremony

BADGES
The badges are provided along with other symposium items upon registration. Please wear them at all times during the symposium. Please note that badge is an identification assuring your entrance to Symposium premises.
SOCIAL PROGRAMME

OPENING CEREMONY & GET TOGETHER PARTY

Date: Monday, 24 August, 2015
Time: 18:00–19:00 Opening Ceremony
      19:00–21:00 Get Together Party
Venue: Prague Congress Centre, Forum Hall; Exhibition Area

Please join us for this social gathering! The Programme will start with a speech from Congress President followed by very special musician and light art performance.
GALA RECEPTION

NOVUS
SOLUTIONS SERVICE SUSTAINABILITY™

Date: Tuesday, 25 August, 2015
Time: 20:00 – 23:00
Venue: National House of Vinohrady, Namesti Miru 9, 120 53 Prague 2

The Gala Reception will be held in the National House of Vinohrady. You are cordially invited to taste Czech and international cuisine and enjoy live entertainment with the possibility to get back to 30’s and try to dance Charleston with professionals.
AGL Travel, a travel agency operating on the European tourism market for more than 10 years, will be organizing some very interesting pre- and post tours to selected locations in the Czech Republic, and one-day and half-day trips and excursions from Prague for you under the 20th European Symposium on Poultry Nutrition in 2015.

Tours Desk is situated in the Registration Area.

EXCURSIONS, TRIPS AND TOURS DURING AND AFTER THE CONFERENCE

<table>
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<tr>
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| Thu, Aug-27   | x     | x     | x     | x     | x    | x    | -x   | x    | x    | x    | x    |
| Fri, Aug-28   | x     | x     | x     | x     | x    | x    | -x   | x    | x    | x    | x    |
| Sat, Aug-29   | x     | x     | x     | x     | x    | x    | -x   | x    | x    | x    | x    |
| Sun, Aug-30   | x     | x     | x     | x     | x    | x    | -x   | x    | x    | x    | x    |
| Mon, Aug-31   | x     | x     | x     |       | x    | x    | -x   | x    | x    | x    | x    |

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<td>Price (student)</td>
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1Student ID card is necessary, age limit up to 26 (incl.), 2without lunch, otherwise +6€ lunch voucher, 3the tour will be organized in case the amount of applicants is above 10

All conference trips and excursions have a meeting point at a VIP entrance to the Prague Congress Center (Entrance no. 10), the location of ESPN 2015. The pickup time is in the table. The drop off is at the “Republiky” square. The pre/post-conference tours “D” have departure and drop off at the “Republiky” square, departure time is half an hour later. The tours “A” and “B” have departure and drop off at the hotel. The participants are kindly requested to inform us, if they prefer to drop off at the hotel (€5 extra).
<table>
<thead>
<tr>
<th>Day</th>
<th>Excursion Description</th>
<th>Transportation</th>
<th>Accommodation</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1-1</td>
<td>Prague City Tour for ESPN participants</td>
<td>Bus + on foot, English guide</td>
<td></td>
</tr>
<tr>
<td>D1-2</td>
<td>Prague Grand City Tour</td>
<td>Bus + on foot, English guide</td>
<td></td>
</tr>
<tr>
<td>D1-3</td>
<td>PRAGUE UNLIMITED – all inclusive</td>
<td>Bus + on foot + boat, lunch</td>
<td></td>
</tr>
<tr>
<td>D1-4</td>
<td>Prague by Night (3 hrs) – pickup time</td>
<td>Bus, boat, aperitif, dinner and music</td>
<td></td>
</tr>
<tr>
<td>D2</td>
<td>Český Krumlov</td>
<td>Bus, English guide, lunch, admission fee</td>
<td></td>
</tr>
<tr>
<td>D3n</td>
<td>Glass Factory Nižbor</td>
<td>Bus, English guide, admission fee</td>
<td></td>
</tr>
<tr>
<td>D4</td>
<td>Karlštejn Castle</td>
<td>Bus, English guide, admission fee</td>
<td></td>
</tr>
<tr>
<td>D5</td>
<td>Kutná Hora + Ossuary + the Valachian courtyards</td>
<td>Bus, English guide, all admission fees</td>
<td></td>
</tr>
<tr>
<td>D6</td>
<td>Czech Sternberg castle</td>
<td>Bus, admission fee, guide</td>
<td></td>
</tr>
<tr>
<td>D7</td>
<td>Vltava river Fun rafting</td>
<td>Raft, guide</td>
<td></td>
</tr>
<tr>
<td>D8</td>
<td>Karlovy Vary + Moser Glass Factory</td>
<td>Bus, English guide, lunch, admission fee</td>
<td></td>
</tr>
</tbody>
</table>

(Remark: Vouchers for excursions will be handed over on the AGL travel stand on Monday, Aug-24 in the Prague Congress Center latest.)
MULTI-DAY PRE AND POST-CONFERENCE TOURS

• A2 - South Moravia – region of wine and chateaus (4 days/3 nights)
  Telč, Třebíč, Lednice-Valtice complex (excursion to wine celery, folklore evening with refreshments, wine tasting – 5 sorts of wine), Moravian Karst (Caves), Brno (Starobrno Brewery), Český Šternberk castle
  28. – 31.8.2015 (morning departure)
  Price included: bus, guide, accommodation, half board, all entrances, all local transfers

• B2 - The West Bohemian SPA Triangle (3 days/2 nights)
  Loket castle, Karlovy Vary-SPA – including Moser Glassworks & Becherovka liquor manufacturing, Cheb, Františkovy Lázně-SPA, Mariánské Lázně-SPA
  28. – 30.8.2015 (morning departure)
  Price included: bus, guide, accommodation, half board, all entrances

CULTURAL & SPORT EVENTS

• “Císařská louka” (social evening at the Emperor Meadow) – an island located near Prague city center on Vltava river (with a golf driving range, beach volley courts, archery, river boats and more). It offers a splendid view of Vyšehrad – St. Peter and Paul’s Cathedral and the historical fortification. In case of significant number of applicants we plan to organize an informal social evening on Wed Aug-26, with meals and drinks, DJ music, and surprise. Please, express your interest just now at espn2015@agltravel.cz. Check more information on our web site or on the AGL travel stand next to the registration desk.

• Enjoy Classic Segway / Bike Tour through the highlights of Prague. We will ride around the city on our 2,5 hour tour with magnificent viewpoints, stories and legends about Prague. If you had enough of the city, history and buildings we will take you on a very comfortable ride along the river and Prague parks. We always ride in the small groups from 1 to 6 people. For more information please contact espn2015@agltravel.cz.

• Selection of a theater, opera, or concert venues (Black Theater, Symphony orchestra, etc.) will be available on the AGL travel stand next to the registration desk.

CONTACTS:

AGL travel (AGROLEX s.r.o.)
Jungmannova 6, Prague 1, Czech Republic
www.agltravel.com (EN, RU), www.agltravel.cz (CZ)
espn2015@agltravel.cz
hotline: +420 702 285 967 / +420 222 231 010
PHOTO EXHIBITION

MAGIC LIFE UNDER EGGSHELL

We invite you for small photos exposition of chick embryo development. The photos were performed by Mr. Jiří Hladík one of the best Czech specialists for poultry incubation. Photo Exhibition is placed on the 2nd floor next to the Registration Area.

GENERAL INFORMATION

ABSTRACTS & FULL PAPERS

USB Flash Disc including full papers of Plenary lectures and abstracts & full papers of Short oral & Poster presentations will be distributed upon registration.

CITY TRANSPORT

We are proud to inform you that we have arranged for you with Prague Convention Burreau FREE public transport ticket valid during Symposium dates (24–27 August 2015) for all means of public transport in Prague. You will receive it upon registration on site. Travelling by Prague city transport is possible with a valid ticket only. Passengers have to obtain their tickets before boarding the vehicle or entering the Metro system. The ticket is valid only if marked in the validation appliance.

CLIMATE AND CLOTHING

The Czech Republic is located on the borderline between two great climatic regimes, the oceanic and the continental, and the weather consequently tends to be fairly variable in different regions. The weather is usually mild and sunny in August. There might be an occasional rain, and it is therefore advisable to bring a jacket, a sweater and an umbrella.

You can find the current weather at www.weather.com.

CURRENCY / CREDIT CARDS / BANKING

The official currency of the Czech Republic is the Czech Crown = Česká koruna (CZK = Kč). International credit cards are accepted for payment in most hotels, restaurants and shops. Exchange offices and ATM machines are easily available throughout the city and at the Prague International Airport. Payment in cash in EUR is also available in some restaurants and shops, please ask for details on-site. You can find the official exchange rates on the website Czech National Bank.
ELECTRICITY
The Czech Republic uses a 220V/50Hz system, sockets have the European standard and plugs are three-prong grounded.

FIRST AID
Please contact any staff member if you need assistance.

HEALTH CARE
Vaccinations are not required to enter the Czech Republic. An individual travel and health insurance is recommended.

IMPORTANT PHONE NUMBERS
112 General Emergency
150 Fire
155 Ambulance
158 Police

INFORMATION DESK
The Information Desk is located on the 2nd floor within the Registration Desk.

INSURANCE
The organizers can accept no liability for personal injuries or for loss or damage to property belonging to the Symposium participants, either during or as a result of the event. Participants are advised to take out proper travel and health insurance before departing from their home country.

MEETING POINT FOR TOURS
The Meeting Point for all tours is located on the ground floor, near the Entrance No. 10.
**MOBILE PHONES**

Please, respect the speakers and presenters by ensuring your mobile phone is switched off at all time during the sessions.

**OFFICIAL CARRIER**

We are delighted to inform you that Czech Airlines become the official carrier for the 20th European Symposium on Poultry Nutrition. As official carrier, CSA offers a 10% discount in Economy Class and a 15% discount in Business Class for attendees and accompanying persons too.

**PROCEEDINGS**

Printed ESPN 2015 Proceedings Book with ISBN including full papers of Plenary lectures and abstracts of Short oral & Poster presentations will be distributed upon registration.

**REFRESHMENT**

Coffee and water will be at your disposal during the whole day. Coffee breaks refreshments and Lunches will be served during the breaks indicated in the programme at the designated areas.

**SAFETY**

Please, do not leave any valuables or personal belongings unguarded in the meeting rooms or venue premises. The organizers will not be responsible for any loss and damage of personal belongings or other valuables left unattended in the meeting rooms/venue.

**SHOPPING**

Most shops in Prague are open from 9 a.m. to 6 p.m., Monday till Saturday. Shops in the city centre are usually open from 9 a.m. to 8 p.m., Monday till Sunday.

**SMOKING**

ESPN 2015 is non smoking event. Smoking is allowed only in designated areas outside the Symposium venue.
**SYMPOSIUM LANGUAGE**

English is the official language of the Symposium. All Symposium materials and presentations must be in English.

**TIME ZONE**

The Czech Republic is on Central European Time – Greenwich. Mean Time (GMT) + 1 hour. From April to October is summer time, i.e. GMT + 2 hours.

**TIPPING**

Service is usually included in the bill in bars and restaurants but tips are welcome. If you consider the service good enough to warrant a tip, we suggest about ten percent.

Free Wi-Fi is available within the Symposium venue premises (name of the network: ESPN2015) and the Wi-Fi and Relax Zone (name of the network: ZINPRO).
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