



THE XXV WORLD'S POULTRY  
CONGRESS  
Beijing, China September 5-9, 2016

SCIENTIFIC PROGRAM  
THE XXV WORLD'S POULTRY CONGRESS, BEIJING, CHINA

Tuesday, September 6<sup>th</sup>

Time	Plenary Hall A, CNCC Chair: Hongwei Xin, Hanchun Yang						
8:30-9:40	Plenary session 1: Current status and future trends world wide. <b>L1 Anne Mottet - Global poultry production: current state and future outlook and challenges.</b> <b>L2 Tom E. Porter - Future challenges and the need for poultry science research: A global perspective.</b>						
9:40-10:00	Panel discussion						
10:00-10:30	Tea break						
10:30-11:40	Plenary session 2: Challenges to poultry production <b>L3 Xiufan Liu - The current situations and control strategies of major infectious diseases in poultry in China.</b> <b>L4 Joaquim Brufau - Update of non-antibiotic era in EU new model of poultry production.</b>						
11:40-12:00	Panel discussion						
12:00-13:30	Lunch/Poster viewing						
Time/ Parallel sessions	Room 309A: <b>Nutrition, metabolism and health I</b> Chair: <b>Yves Nys, Jun Lin</b>	Room308: <b>Utilization of feed Resources I</b> Chair: <b>Leo den Hartog, Peter Ferket</b>	Room310: <b>Poultry Genomics</b> Chair: <b>Susan J. Lamont, Ning Wang</b>	Room309B: <b>Virus</b> Chair: <b>Aly Fadly, Jinhua Liu</b>	Room307: <b>Welfare and Behavior</b> Chair: <b>Werner Bessei, Changsuo Yang</b>	Room311B: <b>Symposium on Yellow Broiler Production</b> Chair: Xiquan <b>Zhang, Xindi Liao</b>	Room311A: <b>Symposium on egg production</b> Chair: Hongwei Xin, <b>Guiqin Wu</b>
13:30-15:30	<b>L5 Guanghai Qi - Nutritional modulation of laying hen egg quality.</b>	<b>L7 Mateos Gonzalo - Main factors affecting the nutritive value of poultry ingredients: the case of cereals and soybean meal.</b>	<b>L9 David W. Burt - Past, present and future of genomics in poultry breeding.</b>	<b>L12 Hermann Müller - A survey on changes observed in IBDV antigenicity.</b>	<b>L15 Tina Widowski - Impact of housing systems on welfare, health and behavior of pullets and laying hens.</b>	<b>Kaitian Qin— Current situation and prospects of yellow broiler production in China</b>	<b>Hongwei Xin – Global trends of the layer industry.</b>

S1 Tuoying Ao - Long term effects of dietary microalgae on productive performance of laying hens and egg docosahexaenoic acid concentration.(1-0268)	S13 Wei Liu – Apparent metabolizable and net energy values of corn and soybean meal for broiler breeding cocks.(1-0090)	<b>L10 Huaijun Zhou - FAANG initiative: functional annotation of regulatory elements of the chicken genome.</b>	<b>L13 Kannan Ganapathy - Classical and variant infectious bronchitis viruses: epidemiology, diagnosis and control strategies.</b>	S46 A. B. Riber - Long-term effects of rearing layer chicks with dark brooders on welfare, laying behavior and production performance.(5-0013)	<b>Avigdor Cahaner - Breeding fast-growing broilers during the last 70 years: challenges and achievements.</b>	<b>Hao Sun - Smarter layer industry in China.</b>
S2 Ramon D. Malheiros - Enhancement of egg quality and yolk color by carotenoids from corn distillers soluble oil and commercial tegetes extract pigments.(1-0291)	S14 Achille Schiavone - Apparent digestibility and metabolizable energy value of a partially and a totally defatted black soldier fly meal in broiler chickens.(1-0403)	S25 Tieshan Xu - Analysis of duck genome resequencing data reveals selection patterns during duck domestication and speciation.(2-0042)	S35 Tingting Shi - Molecular characterization of nonstructural protein 15 of infectious bronchitis virus.(3-0229)	S47 Congcong Li - The effect of balanced reduced protein diet on the feed pecking behavior of broiler breeder hens.(5-0017)	<b>Qinghua Nie - China Yellow chicken breeding.</b>	<b>Xiufan Liu - Optimization of vaccination programs in layer disease control and prevention.</b>
S3 Yose Rizal - Effects of Neurospora crassa fermented palm kernel cake utilization in the diet on the egg yolk cholesterol and fat contents as well as egg yolk color index of poultry.(1-0057)	S15 Shubiao Wu - How reliable is your nutrient database: erroneous sources may cause significant underestimation of ingredient AME values.(1-0157)	S26 Sihua Jin - Genomic analysis reveals deletion of IHH as the cause of semi-lethal Creeper trait in the chicken.(2-0018)	S36 Chunchun Meng - Evolution of Newcastle disease virus quasispecies diversity and enhanced virulence after passage through chicken air sacs.(3-0211)	S48 Jiangjun Wang - Effects of stocking densities on growth performance, economic benefit, and welfare parameters of broilers.(5-0026)	<b>Juan Boo Liang - Managing poultry production in the hot tropic.</b>	
S4 Yupeng Gao - Discussion on the effects and gene regulatory mechanism of polysavone on	S16 Alireza Khadem - Comparing two techniques for viscosity measurements in poultry feedstuffs: does	S27 Binlong Chen - Transcriptome profiling identifies differentially expressed genes associated with high	S37 Xiaohui Yu - Polymerase-associated proteins are associated with the virulence of Newcastle Disease Virus.(3-0038)	S49 Barbara Tzschentke - Improvement of robustness and performance in broiler chickens by short-term		

	cholesterol metabolism in laying hens.(1-0169)	it render similar conclusions?(1-0441)	rates of egg production in chicken.(2-0095)		temperature training in the hatcher.(5-0034)		
	S5 Aniko Molnar - Effect of split feeding on performance and egg quality in aged laying hens.(1-0317)	S17 Farshad Goodarzi Boroojeni – The effects of fermentation and enzymatic pre-digestion of pea on nutrient digestibility in broilers.(1-0106)	S28 Jibin Zhang - Heart transcriptome response of fast-versus slow-growing broilers under heat stress.(2-0029)	S38 Ye Zhao - Evolution of infectious bronchitis virus in China over the past two decades.(3-0035)	S50 M.M. Beck - Housing system affects neural plasticity and behavior in the chicken.(5-0036)		
	S6 Alberto Navarro - The effect of pre-peak feeding strategies on early laying performance.(1-0461)	S18 Jianmin Yuan - Effects of storage time on nutrient and utilization of newly harvested maize for broiler.(1-0150)	S29 Tomasz Szwaczkowski - Application of entropy analysis to detect chicken genome regions associated with performance traits.(2-0195)	S39 Jun Zhao - Genetic characterization of fowl adenovirus serotype 4 isolated from chickens associated with inclusion body hepatitis and hydropericardium syndrome in China, 2015.(3-0074)	S51Feng Zhu - Systematic analysis of feeding behavior and their effects on feed conversion efficiency in Pekin ducks.(5-0044)		
	S7 Adrizal Adrizal- Feeding laying hens a low protein diet with subsequent waste water treatment in the effort of nitrogen and ammonia mitigation.(1-0156)	S19 Sebastian Kaczmarek -Graded inclusion of white lupin (Lupinus albus) meal depress laying hens performance and nutrients digestibility. (1-0174)		S40 Rik Koopman- Double recombinant HVT-based vaccines for simultaneous protection against Newcastle disease, Marek's disease and Infectious Laryngotracheitis.(3-0189)	S52 Wendy I. Muir - Using incubation temperature to manipulate broiler leg strength - an assessment in two commercial broiler lines.(5-0005)		
15:30-16:00	Tea break/Poster viewing						

Time/ Parallel sessions	Room309A: <b>Nutrition, metabolism and health I</b> Chair: Yves Nys, Jun Lin	Room308: <b>Utilization of feed Resources I</b> Chair: Leo den Hartog, Peter Ferket	Room310: <b>Poultry Genomics</b> Chair: Susan J. Lamont, Ning Wang	Room309B: <b>Virus</b> Chair: Aly Fadly, Jinhua Liu	Room307: <b>Welfare and Behavior</b> Chair: Werner Bessei, Changsuo Yang	Room311B: <b>Symposium on Yellow Broiler Production</b> Chair: Xiquan Zhang, Xidi Liao	Room311A: <b>Symposium on egg production</b> Chair: Hongwei Xin, Guiqin Wu
16:00-17:30	<b>L6 Kazuhisa Honda - Regulation of feed intake and body fat mass in chickens.</b>	<b>L8 Rex Newkirk - Feed processing for performance and profit.</b>	<b>L11 Jiuzhou Song - The current and future of epigenetics in poultry health.</b>	<b>L14 Ming Liao - The Impact to avian influenza epidemic by interventions to live poultry market.</b>	<b>L16 Daniel Berckmans - Precision Livestock Farming: principles and examples for poultry.</b>	<b>Ruud Berkers - Solution of technical and equipment combination for yellow broiler slaughtering.</b>	<b>Guiqin Wu- Layer breeding in China.</b>
	S8 D.M. Lamot - Effects of increased diet density through increased dietary fat level on growth performance, organ size, and dietary fat metabolizability of broilers during the first week of life.(1- 0465)	S20 Stephanie Klein - Effects of raw materials grinding with disc mill on feed particle size and digestibility for broiler chicken.(1-0094)	S30 Hong Jo Lee - CRISPR/Cas9- mediated genome editing in chicken cells.(2-0131)	S41 Juan Pu – The mutation of PA- K356R lowers the barrier to cross-species transmission of H9N2 avian influenza viruses into mammalianhosts.(3- 0027)	S53 Junfeng Yao - Effects of different beak treatment systems on layers performance.(5-0022)		<b>Maureen Bain- Maintaining egg quality in longer laying cycles.</b>
	S9 Raquel Rodriguez- Sanchez - Gastrointestinal lipid classes changes according to dietary fat consumption in broiler chickens at different ages.(1- 0316)	S21 Ha Truong - Graded, pre- and post- pelleting additions of whole wheat influences relative gizzard weight, feed conversion efficiency and energy utilization in broiler chickens.(1-0060)	S31 Lingyu Yang - Transcriptome and DNA methylome sequencing reveals the physiologic function of ceca in lines of chickens divergently selected	S42 Guanlong Xu - Amino acid substitutions in PB2 and NA contribute to the pathogenicity and neurovirulence of a mouse-adapted H10N7 influenza A virus in mice.(3-0028)	S54 Greg Cronin - The effects of light intensity in weeks 1 to 7 of rearing for chicks, and stressors consisting of combined transport, relocation and mixing in week 16, on plumage damage,		<b>Ji Ma- Situation and challenge of scale on layer production in China.</b>

		for body weight.(2-0130)		social avoidance and mortality, in adult free-range laying hens.(5-0025)		
S10 Khaled Kanakri - Influence of dietary fats on the fatty acid composition of uropygial gland secretion in broiler chickens.(1-0319)	S22 Oliver Emenalom - Christmas bush(Alchornea cordifolia) in poultry nutrition: effect of some local processing methods.(1-0165)	S32 Long Liu - Integrated analysis of aranscriptome and metagenome reveals the prosteatotic and protective components in a unique model of fatty liver: gut microbiota and suppressed complement system.(2-0175)	S43 Min Gu - Deglycosylation at site 158 in hemagglutinin affects the receptor binding property and transmissibility of clade 2.3.4 H5 subtype avian influenza virus.(3-0231)	S55 Christina Nygaard - Danish achievements on foot pad lesions in broilers. (5-0027)		
S11 Behnam Saremi- D-methionine is as efficient as L-methionine in broiler chickens.(1-0357)	S23 Mohammadreza Abedini - The effects of different levels of wet extruded full fat soybean (ShaySoy™) in reproduction traits of layer breeders.(1-0519)	S33 Jinmei Ding - Establishment and inheritance of gut microbiota in the chicken.(2-0097)	S44 Okti Nadia Poetri - Antigenic characterization and cross-protection of co-circulating antigenic variants for H5N1 highly pathogenic avian influenza viruses in Indonesia.(3-0029)	S56 Aitor Arrazola - The effect of alternative feeding strategies during rearing in broiler breeders.(5-0029)		
S12 Laura Star-The effect of dietary tryptophan and valine level in a low crude protein diet on production performance of laying hens. (1-0400)	S24 Jianmin Yuan - Comparison of slow drying and rapid drying on the physicochemical characteristics of corn and its nutritional value for broiler. (1-0152)	S34 Hong Li –MiRNA transcriptome analysis reveals the regulatory function of differentially expressed miRNAs in chicken hepatic lipid metabolism.(2-0205)	S45 Linnea Newman – Broiler coccidiosis vaccination: performance of flocks using vaccine alone or as part of an ionophore or chemical shuttle program.(3-0080)	S57Kevin Prescilla - Identifying feather eating Isa Brown hens using artificial feather presentation.(5-0035)		

17:30

End of daily scientific program



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Wednesday, September 7<sup>th</sup>

Time	Plenary Hall A, CNCC Chair: Mingan Choct, Ian Dunn			
8:30-9:40	Plenary session 3: Resource restriction and technical solutions <b>L17 Changxin Wu - Poultry Genetic Resources in China: Conservation and Utilization.</b> <b>L18 Leo den Hartog -Sustainable feed supply for worldwide poultry production.</b>			
9:40-10:00	Panel discussion			
10:00-10:30	Tea break			
10:30-11:40	Plenary session 4: Better biosecurity and welfare <b>L19 Hafez M. Hafez - Poultry health and productions challenges: never-ending story.</b> <b>L20 Werner Bessei - Impact of animal welfare on worldwide poultry production.</b>			
11:40-12:00	Panel discussion			
12:00-13:30	Lunch/Poster viewing			
Time/ Parallel sessions	Room310: <b>Feed additives I</b> <b>Chair:</b> <b>Rex Newkirk, Dingyuan Feng</b>	Room308: <b>Utilization of Feed Resources II</b> <b>Chair:</b> <b>Valeria A. Torok, Hai Lin</b>	Room302: <b>Biotechnology and Reproduction</b> <b>Chair:</b> <b>Jae Yong Han, Zhendan Shi</b>	Room307: <b>Small-scale Family Poultry Production</b> <b>Chair:</b> <b>Bob Pym</b>
13:30-15:30	<b>L21 Mario Penz - Feeding the birds of the future.</b>	<b>L23 Mingan Choct - Feed resources: limitation, exploitation and utilization.</b>	<b>L25 Israel Rozenboim - The effect of monochromatic photostimulation on growth and reproduction of broiler birds.</b>	<b>L28 Yusuf L. Henuk - A comprehensive introduction about small-scale poultry production systems and the current developing status from a world-wide vision.</b>
	S58 Arbab Sikandar - Morphological changes in immune related organs, humoral and cell mediated immune	S70 Shugeng Wu - Evaluation of Moringa oleifera leaf in laying hens: effects on laying performance,	<b>L26 Zhendan Shi - Safeguard geese health and reproductive performances by</b>	<b>L29 Huaijun Zhou - USAID feed the future innovation lab for genomics to improve</b>

response and intraepithelial lymphocytes evaluation of broiler chickens fed Bacillus subtilis or Zinc Bacitracin.(1-0054)	serum biochemical and organ histopathological indices.(1-0340)	<b>maintaining a clean and comfortable living environment.</b>	<b>poultry: Increasing food security in Africa by enhancing resistance to Newcastle Disease and heat stress in chickens</b>
S59 Wei Zhai - Effects of Eimeria coccidial vaccination and dietary antibiotic alternative additives on the growth and carcass traits of male broilers.(1-0474)	S71 Anna Rogiewicz-High inclusion levels of canola meal in poultry diets.(1-0407)	S82 Samuel Aggrey - Transcriptome analysis of genes in the protein biosynthesis and ubiquitin-proteasome pathways in meat-type chickens under heat stress.(4-0011)	S91 Senthilkumar Thayalan - Adoption and constraints faced by the small poultry farmers under Indian tropical conditions.(14-0004)
S60 Chongxiao Chen - Role of natural growth promoters (AV/AGP/10 and Vilocym Z) as antibiotics alternatives in broilers.(1-0203)	S72 Montesqrit Montesqrit - Effect of feeding Mexican sunflower (Thitonia diversifolia) leaf silage meal on broiler production performance.(1-0296)	S83 Sami Samiullah - Mitochondrial quantification and expression of genes associated with protoporphyrin IX synthesis in the shell gland of laying hens in response to nicarbazin.(4-0021)	S92 Md. Nuru Miah - Active surveillance for avian influenza in selected areas of bangladesh.(14-0010)
S61 Basharat Syed - Evaluation of a phytogenic feed additive against an antibiotic growth promoter in broilers challenged with enteric pathogens.(1-0049)	S73 Apeh Omede - Supplementation of processed plant protein in diet and as paste improves performance of broiler chickens.(1-0236)	S84 Anqi Huang - Effects of artificial insemination on exosome localization and its protein level in sperm storage tubules of hen oviduct.(4-0047)	S93 Brigitte Bagnol - Research for new policy options: Raising village chickens to tackle food and nutrition insecurity.(14-0015)
S62 Muhammad Kashif Saleemi - Toxicopathological and growth promoting effects of sangrovit® in growing broilers.(1-0558)	S74 Xiaoxiao Zhang - Effects of dietary processed sweet potato waste products on the growth of broiler chicken.(1-0350)	S85 Qingwen Meng - Genetically modified chicken model of RIG-I reveals antiviral innate immune mechanism.(4-0035)	S94 Md Saleque - Small scale poultry rearing in Tanzania – Subsistence to surplus production for increase income and improve food and nutrition security.(14-0024)
S63 Mauro Antongiovanni - Antimicrobial action of chestnut tannin and monoglycerides on in vitro growth of pathogenic bacteria.(1-0216)	S75 Nuraini Nuraini - The effect of durian fruit waste fermented by phanerochaete chrysosporium and neurospora crassa in the diet on laying hen performance and egg quality.(1-0061)		S95 Harry K. Swatson - A preliminary assessment of the perceptions and sensory acceptability of village chicken meat among residence of Khaya ward, KwaZulu-Natal, South Africa.(14-0025)



	S64 Xi Wang-Effects of probiotics on the performance and meat production of broilers fed low-fat distillers dried grains with solubles from 28 to 54 days of age. (1-0292)	S76 Maria Mahata - The effect of different combination of boiled and unboiled tomato waste (lycopersicon esculentum) in diet on carcass and meat quality of broiler.(1-0011)		S96 Sally Lee - The experience of small-scale farmers in poultry production: analysis of risks and benefits.(14-0026)
15:30-16:00	Tea break/Poster viewing			
Time/ Parallel sessions	Room310: <b>Feed additives I</b> <b>Chair:</b> <b>Rex Newkirk, Dingyuan Feng</b>	Room308: <b>Utilization of Feed Resources II</b> <b>Chair:</b> <b>Valeria A Torok, Hai Lin</b>	Room302: <b>Biotechnology and Reproduction</b> <b>Chair:</b> <b>Jae Yong Han, Zhendan Shi</b>	Room307: <b>Waste Management</b> <b>Chair:</b> <b>Juan Boo Liang, Xindi Liao</b>
16:00-17:30	<b>L22 Peter Surai - Natural antioxidants and stresses in poultry production: from vitamins to vitagenes.</b>	<b>L24 Birger Svihus - Challenges to starch digestion in poultry.</b>	<b>L27 Michael Clinton - Regulation of the sexual phenotype in chickens.</b>	<b>L30 Robert Burns - An overview of poultry manure management options.</b>
	S65 Cheng Zhang - Dietary resveratrol supplementation protects against heat-stress-impaired growth performance and meat quality of broilers possibly through a mitochondrial pathway.(1-0399)	S77 Sonia Liu - Comparative performance of broiler chickens offered diets with different protein and starch digestive dynamics as determined by Box-Behnken response surface design.(1-0076)	S86 Xi Chen - Cytotoxicity of various chemicals and mycotoxins in fresh primary duck embryonic fibroblasts: a comparison to HepG2 cells.(4-0007)	<b>L31 Michelle Soupir - Impact of laying hen manure applications on water quality under continuous corn – A long term study.</b>
	S66 Roberto Montanhini Neto – Evaluation of the efficacy of xylanase and arabinofuranosidase enrichment of a multi-enzyme complex on metabolisable energy value of corn-soybean meal- and wheat-soybean meal-based diets.(1-0483)	S78 Eugenia Herwig - Effect of rate and extent of starch digestion on laying hen performance and digestive tract morphology.(1-0128)	S87 Katarzyna Stadnicka - Epithelial progenitor (stem-like) gene expression signatures in oviduct of laying hen (Gallus gallus domesticus) and quail (Coturnix japonicus).(4-0028)	S97 Chen Yan - Safe disposal of dead animal carcass by co-composting with animal waste and their utilization as a new source of bio-organic fertilizer.(7-0012)
	S67 Merry Muspita Dyah Utami - Influence garlic extract in diet on performance and health of broiler in Indonesia.(1-0509)	S79 Ruibo Liao - Effect of advanced glycation end-products of wheat gluten on the gut functions of broilers.(1-0136)	S88 Young Hyun Park - Generation of transgenic chicken producing n-3 fatty acid using piggyBac transposon-mediated	S98 Chandra Has - In-vitro and in-vivo standardization of poultry excreta for all-weather bio-gas production.(7-0017)

				gene transfer in primordial germ cell.(4-0031)		
	S68 Yueming Dersjant-Li-Effect of a <i>Buttiauxella</i> sp phytase on sodium and amino acid digestibility in young broilers. (1-0397)	S80 Pierre Moquet - Effect of dietary butyrate release location on gut functions and protein digestibility of broilers in a feed challenge model.(1-0201)		S89 Qisheng Zuo - Signaling pathways involved in chicken embryonic stem cell differentiation into male germ cells.(4-0048)		
	S69 Ting-Yu Lee - The effect of multi-strain probiotic SYNLAB® II on productivity performance of commercial poultry. (1-0382)	S81 Tuti Widjastuti - Effect of product bioprocess shrimp waste as nutrient concentrate in the ration on characteristic carcass native chicken starter period.(1-0476)		S90 Elisabeth Blesbois - A new molecular test for male fertility diagnosis: Intact cell MALDI-TOF MS on sperm.(4-0049)		
Time/ Industry Symposium	Auditorium: <b>Breeder and broiler nutrition to manage emerging enteric and structural health challenges</b> Chair: Defa Sun	Room311A: <b>Challenges in modern Poultry Production</b> Chair: Jun Gao	Room311B: <b>New dimensions of vaccination: Protection and Shedding Control</b> Chair: S. Comte	Room309A: <b>Healthy poultry healthy industry forum</b> Chair: Xuan Zhang	Room303: <b>Salmonella Academy</b> Chair: Chun Zhou	W201,CIEC-VIV: <b>Layer health farming forum</b> Chair: Xudong Li, Charley Zheng
13:30-17:30	<b>Doung Korver - Recent advances in breeder nutrition and its impact on progeny development.</b>	<b>Opening speech</b>	<b>Jixun Zhao - Challenges of Chinese Poultry Industry in disease control.</b>	<b>Christian Lofberg -Healthy poultry, healthy industry, healthy future</b>	<b>Opening</b>	<b>Opening</b>
	<b>Defa Sun - Aspects of trace mineral nutrition on structural health and productivity.</b>	<b>Alex Chang - Nutritional challenges in meeting progressive genetic improvement in poultry.</b>	<b>Yannick Gardin - Opening new dimension in changing times.</b>	<b>Jeff Wilson- Evaluating relationships between intestinal health and broiler chicken performance using a global health dataset.</b>	<b>Salmonella Prevention in a Globalized World salmonella prevention in a globalized world – Expert discussion</b>	<b>Shengwang Liu – Research on main virus disease to layer health farming.</b>
	<b>Bill Hargis - Enteric health challenges and solutions in today’s poultry industry.</b>	<b>Vincent Zhang - Application of low protein diet in poultry.</b>	<b>Mieke Matthijs- Why homogeneity and shedding reduction</b>	<b>Ralph Norman Marshall –</b>	<b>Filep van Immerseel - Oral live</b>	<b>Jörg Hartung - Health and welfare of laying hens in alternative keeping systems.</b>

		are critical in disease control.	Coccidiosis on broilers	immunization against Zoonotic Sal.	
Vázquez Mercedes -Añón - Nutritional strategies to optimize enteric health.	Marteen De Gussem- The challenges and opportunities of replacing AGP: A field experience from Europe.	Marcelo Paniago- New technology vaccines and their effect on shedding of IBD and ND.	Subramanya Bhat -New anticoccidial program trends and HTSi.	Scott Elliott - Field experience with AviPro® Vac E for controlling Salmonella infection.	Changsuo Yang - Eggshell quality problems and solution.
Closing remarks	Kiran - Economical impact of gut health on poultry production and solutions.		Marco Martinez - Global enzymes Strategy in Elanco best practices in the field.	Expert panel discussion	Vitor Arantes - Layer nutrition and health farming.
	Closing speech		Gary Butcher - Mycoplasma complications lead to chronic respiratory disease (CRD).	Closing	Closing
17:30	End of daily scientific program				



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Thursday, September 8<sup>th</sup>

Time/ Parallel sessions	Room309A: <b>Nutrition, metabolism and health II</b> Chair: <b>Rob Gous, Rajesh Jha</b>	Room308: <b>Nutrition, metabolism and health III</b> Chair: <b>Peter Surai, Birger Svihus</b>	Room310: <b>Selection and Breeding</b> Chair: <b>Avigdor Cahaner, Xuemei Deng</b>	Room309B: <b>Bacteriology and Food Safety</b> Chair: <b>Irit Davidson, Ming Liao</b>	Room307: <b>Housing Systems and Environment Management</b> Chair: <b>Tina Widowski, Baoming Li</b>	Room311A: <b>Egg Quality and Processing</b> Chair: <b>Maureen M. Bain, Guanghai Qi</b>	Room311B: <b>Waterfowls</b> Chair: <b>Todd Applegate, Guohong Chen</b>
8:30-10:00	<b>L32 Craig N. Coon - Broiler breeder protein turnover, de novo lipogenesis, heat production and body composition changes.</b>	<b>L34 Valeria A Torok - Broiler gut microbiota - the role in host nutrition, performance and energy metabolism.</b>	<b>L36 Just Jensen - Genomic selection and its application to poultry breeding.</b>	<b>L38 Filip van Immerseel - What is the risk of a new worldwide Salmonella pandemic in the 21st century?</b>	<b>L40 Baoming Li - Research progress on laying-hen healthy production systems in China.</b>	<b>L42 Maxwell T. Hincke - Recent advances in egg quality issues.</b>	<b>L44 Shuisheng Hou – Duck production in China.</b>
	S99 R.A. van Emous - Effects of different energy to protein ratios in diets of broiler breeders on progeny performance and processing yields.(1-0043)	S109 Nishchal K. Sharma - Odour flux from litter of broiler chickens fed diets differing in protein levels and additives .(1-0035)	S119 Yiyuan Yan - Genomic selection in a nuclear breeding population of layers.(2-0030)	S129 Gunther Antonissen - Mapping of segmented filamentous bacteria in the intestinal tract of broiler chickens.(3- 0209)	S140 Z.C. Dai - Raising goose in house on biology bedding or on slated floor above biology bedding.(6- 0011)	S150 Sofie Kilroy - Prevention of egg contamination by Salmonella Enteritidis after oral vaccination of laying hens with Salmonella Enteritidis defined mutants .(9- 0009)	S160 Chunhe Wan - Novel Muscovy duck parvovirus outbreak, China.(12-0001)

S100 S.H. Hadinia - How conventionally- and precision-fed broiler breeder hens use energy.(1-0406)	S110 Jing Wang - Flavin containing monooxygenase 3 gene variation modulates the lipid metabolism response to dietary Canola meal supplementation in laying hens.(1-0329)	S120 Xiaosong Jiang - Innovation of breeding scheme and its application to selection of quality chickens.(2-0059)	S130 Xinming Tang - Transgenic Eimeria tenella expressing E. maxima profilin elicits enhanced protective immunity against wild type parasite infection in chickens.(3-0056)	S141 Li Ni - Efficacy of slightly acidic electrolyzed water for environmental decontamination of a disinfection room using an ultrasonic disinfection system.(6-0017)	S151 Dehe Wang - Traits of eggshells and shell membranes of translucent eggs.(9-0012)	S161 Miaomiao WANG - Analysis of population structure of some allopatry domestic duck groups.(12-0019)
S101 Fugui Yin - Vitamin E and selenium source or level effect on broiler breeders antioxidant status and performances.(1-0478)	S111 Glenmer Tactacan - Performance and intestinal microbial profile of broiler chickens supplemented with a blend of protected organic acids and essential oils.(1-0064)	S121 Gamal Rayan - Eggshell and bone quality in two different genetic groups of aged layer breeders.(2-0150)	S131 Muhammad Younus - Co-infection of broilers with Escherichia coli (O78) and avian influenza virus (H9N2).(3-0120)	S142 Koen De Reu - Analysis of the hygienogram information and hygienogram scores obtained after cleaning and disinfection of poultry houses in Belgium (Flanders) during the period 2007 to 2014.(6-0020)	S152 Peter Wilson - Understanding egg cuticle formation: a route to reduce egg contamination.(9-0032)	S162 Zhengkui Zhou - Resequencing ten generations pekin duck Z2 line reveal the genome mechanism of breeding.(12-0023)
S102 Shouqun Jiang - Effects of dietary tryptophan supplementation on performance, antioxidative property, immunity and mRNA expression of amino acid	S112 Walter van Hofstraeten - Effect of diets containing different medium chain fatty acids (MCFA) on growth performance and ileum bacterial load of broiler chickens fed two basal diets.(1-0497)	S122 Gihan Farahat - Response to three generation of divergent selection for shank length in Japanese quail.(2-0154)	S132 Saad Gilani - Lactulose, rhamnase and mannitol sugars test to assess increased intestinal permeability induced by lipopolysaccharide in chickens.(3-0013)	S143 Ine Kempen - Dust treatment in aviary systems.(8-0011)	S153 Hajime Hatta - Comparison of methods to evaluate egg freshness: HU vs YI and digital vs manual.(9-0035)	S163 Wei Zhang - Differential regulation of the innate antiviral immune responses by goose type I, II, III interferons.(12-0045)

	transporter in ileum mucus in Chinese yellow-feathered broiler breeders.(1-0271)						
	S103 Beatrice Wegge - The Effect of a coated calcium butyrate complex on the oviduct of broiler breeders.(1-0318)	S113 M. A. F. El-Manyawi - The effect of lactobacillus acidophilus on cholesterol reduction in laying hens.(1-0263)	S123 Sohail Ahmad - Hatching traits in four closebred flocks of japanese quail at three ages selected for higher body weight in 4th generation using different selection strategies.(2-0014)	S133 Thi Thu Hao Van – First identification of the bacteria that causes spotty liver disease in layer birds in Australia.(3-0197)	S144 Michael Smith – Performance and carcass characteristics of heat-stressed broilers supplemented with choline.(6-0003)	S154 Bart Alders – Development of a method for prediction of eggshell damage in order to improve egg handling and packing processes.(9-0042)	S164 S.K Mishra Evidence of Genetic-background impacting Duck’s susceptibility to Aflatoxicosis more than climate in terms of mortality and productivity drops in tropical Indian conditions.(12-0053)
10:00-10:30	Tea break/Poster viewing						
Time/ Parallel sessions	Room309A: <b>Nutrition, metabolism and health II</b> Chair: <b>Rob Gous, Rajesh Jha</b>	Room308: <b>Nutrition, metabolism and health III</b> Chair: <b>Peter Surai, Birger Svihus</b>	Room310: <b>Selection and Breeding</b> Chair: <b>Avigdor Cahaner, Xuemei Deng</b>	Room309B: <b>Bacteriology and Food Safety</b> Chair: <b>Irit Davidson, Ming Liao</b>	Room307: <b>Housing Systems and Environment Management</b> Chair: <b>Tina Widowski, Baoming Li</b>	Room311A: <b>Egg Quality and Processing</b> Chair: <b>Maureen M. Bain, Guanghai Qi</b>	Room311B: <b>Waterfowls</b> Chair: <b>Todd Applegate, Guohong Chen</b>
10:30-12:00	<b>L33 Peter Ferket – The potential of perinatal nutrition.</b>	<b>L35 Jun Lin – Bacterial bile salt hydrolase: a gut microbiome target for enhanced poultry production.</b>	<b>L37 Zhiqiang Du – Genetic architecture of abdominal fat content under divergent selection in chickens.</b>	<b>L39 Xinan Jiao – Food-borne diseases of poultry in China.</b>	<b>L41 Hongwei Xin – Environmental challenges and opportunities with cage-free hen housing systems.</b>	<b>L43 Zhaopeng Han – The current status and future of egg processing in China.</b>	<b>L45 Todd Applegate – Meat duck nutrition – formulation considerations across genetic and feedstuff resources.</b>
	S104 E. Assadi Soumeih – Effects of body weight development	S114 M. De Laet – The impact of diets supplemented with medium chain fatty	S124 Guiqin Wu – Genetic potential of extended egg	S134 Susantha Gomis – Oligodeoxynucleotide s containing CpG	S145 Jiang Bian – Effect of monochromatic light on circadian rhythmic	S155 Mohamed Ketta – Eggshell characteristics and cuticle deposition in	S165 Wenjun Ding – Effects of corn starch residue growth on performance, body

	during rearing and reduced crude protein diets in the laying phase on broiler breeder and offspring performance.(1-0191)	acids on the performance of broilers challenged with clostridium perfringens.(1-0154)	production in Jing Brown Layers.(2-0183)	motifs (CpG-ODN) as an alternative to antibiotics in the poultry industry.(3-0011)	expression of clock genes in chick retina.(6-0031)	three laying hens genotypes housed in enriched cages and on litter.(9-0015)	measurements, slaughter performance and viscera indices of Yangzhou Geese at the age of 28 to 70 days.(12-0007)
	S105 Subrat Kumar Bhanja – In ovo nutrient supplementation improves the intestinal morphology and gut-associated genes expression in fasted broiler chickens.(1-0299)	S115 Guangda Xue – Use of a phytobiotic supplement to reduce the impact of necrotic enteritis in broilers.(1-0256)	S125 Firda Arlina – The genetic diversity of qualitative traits of Kokok Balenggek chicken under ex situ conservation in West Sumatera Indonesia.(2-0194)	S135 Michele Guerin – Antimicrobial resistance of Clostridium perfringens isolates obtained from commercial broiler chicken flocks in Ontario, Canada.(3-0125)	S146 Xinjie Bai – Effect of monochromatic light during the incubation on posthatch pectoral muscle growth and satellite cell proliferation of broilers.(6-0032)	S156 Yuan Cheng – Effect of glycation on structure and gelling strength of egg white protein.(9-0033)	S166 Xavier Fernandez – Effect of light programs on the spontaneous fattening of goose liver without over-feeding.(12-0031)
	S106 Narayan C Rath – Egg shell membrane and its potential to modify health and immunity of post hatch poultry.(1-0231)	S116 Anjum Khaliq – Effect of Bacillus subtilis PB6 on growth and gut microflora in Clostridium perfringens challenged broilers.(1-0257)	S126 Wenting Li – Estimating the effectiveness of current conservation program with genome-wide snp from indigenous chicken breeds .(2-0170)	S136 Karine Brugirard Ricaud – Implantation of ileal and cecal microbiota in Anas platyrhynchos (Pekin), Cairina moschata (Muscovy) and mule ducklings using Miseq sequencing.(3-0184)	S147 Jette Soeholm Petersen – Effect of brooding temperature and initial body weight on broiler growth performance .(6-0039)	S157 Juliet Roberts – Assessing body conformation of hens at the end of laying period using computed tomography scanning.(9-0052)	S167 Ming Xie – Response to low-protein diets in starter Pekin ducks and subsequent effects during the growing period.(12-0033)
	S107 Anna Tesouro – Pronutrients use	S117 Ying Ding – Effects of gut health enhancer and drinking water product on	S127 Thieu Ngoc Lan Phuong – Population studies of 14 registered Hungarian	S137 Anja Pasto-Reduction of Clostridium perfringens induced	S148 Evelyne Delezie – Modifying aviaries to reduce keel bone and foot pad	S158 Yanan Zhang – The improvement of eggshell ultrastructure by dietary	S168 Christelle Knudsen – Effect of different feeding strategies on the

	in poultry nutrition.(1-0224)	growth performance, litter quality, and gut microbiota of broilers .(1-0326)	poultry breeds conserved in the 21 <sup>st</sup> century.(2-0002)	Necrotic Enteritis by a standardized blend of plant alkaloids in broiler chickens.(3-0014)	disorders in laying hens.(8-0006)	supplementation of organic manganese in laying hens.(9-0054)	induction of a durable hyperphagia and spontaneous liver steatosis in mule ducks.(12-0042)	
	S108 Behnam Saremi –Effect of either DL-Methionine or DL-methionine hydroxy analogue on the antioxidant defense system in broilers. (1-0355)	S118 Husmaini Husmaini – Effect of different form of LAB, isolate from virgin coconut oil processing waste on performance and meat quality of broilers.(1-0265)	S128 Yunjie Tu – Monitoring conservation effect on Chinese indigenous chicken breeds using MHC and DNA barcod.(2-0118)	S138 Subramanya Bhat – Gizzard erosion in broilers: A silent killer of broiler health and performance.(3-0154)	S149 Sebastian Opalinski-Microbial-mineral biopreparation - a novel litter additive for mitigation of odorous emission from poultry production.(6-0024)	S159 Yves Nys – Change in calcium carbonate mineralogy and in organic matrix proteins quantified by proteomic analysis during the early stages of egg shell mineralization in hens.(9-0055)	S169 Sabrina Amini – Effect of restricted feeding period and refeeding on local duck’s performance.(12-0044)	
				S139 Dewan Sibartie – Reduction of economic losses caused by colibacillosis in broiler chickens in Mauritius through vaccination.(3-0108)			S170 Gourab Samanta – Rice based DDGS in duck egg production and its quality.(12-0054)	
12:00-13:30	Lunch/Poster viewing							
Time/ Parallel sessions	Room309A: <b>Nutrition, metabolism and health IV</b> Chair: <b>Michael H. Kogut, Wei Zhai</b>	Room308: <b>Feed additives II</b> Chair: <b>Michael T. Kidd, Huiyi Cai</b>	Room310: <b>Genetics of Important Traits</b> Chair: <b>David W. Burt, Qinghua Nie</b>	Room309B: <b>Immunity &amp; Diagnostics &amp; Disease control</b> Chair: <b>Hafez M. Hafez, Shijun Zheng</b>	Room311A: <b>Meat Quality and Processing</b> Chair: <b>Sarge F. Bilgili, Jie Wen</b>	Room307A: <b>Economics and Marketing</b> Chair: <b>Ji Ma</b>	Room307B: <b>Quail and other species</b> Chair: <b>S. Ezhil Valavan, Zhuocheng Hou</b>	Room311B: <b>Incubation and Hatchery Management</b> Chair: <b>Israel Rozenboim, Tamao Ono</b>



13:30-15:30	<b>L46 Yuming Guo – Intestinal epithelial barrier in poultry: function and nutritional modulation.</b>	<b>L48 Dingyuan Feng – The function and value of feed enzymes in the antibiotic-free ration formulation.</b>	<b>L50 Susan J. Lamont – Poultry immunogenetic s: protecting health and food security, expressing genetic potential.</b>	<b>L53 Aly Fadly – Diagnosis and control of avian tumor viruses in poultry: a review.</b>	<b>L56 Cécile Berri – Omics approaches to unravel meat quality determinism in poultry.</b>	<b>L59 Fu Qin – International trends and China’s perspective: layer industry development.</b>	<b>L62 S. Ezhil Valavan – Diversified poultry production in India: an overview.</b>	<b>L63 Zehava Uni – Nutritional perspective of the chicken embryo during incubation.</b>
	S171 F. Yan – Effect of protease on growth performance, intestinal morphology, gut barrier function, and gut microbiota of broilers.(1-0278)	S183 Ludovic Lahaye – Comparison of protease benefits in corn or sorghum based broilers diets.(1-0119)	<b>L51 Michel J. Duclos – From QTL discovery to nutrigenetics.</b>	<b>L54 Irit Davidson – “Viruses, vaccines and feathers”.</b>	<b>L57 Jie Wen – Molecular basis of intramuscular fat deposition and its application in chicken breeding.</b>	<b>L60 Peter van Horne –Economics of poultry production: critical success factors.</b>	S234 Tensingh Gnanaraj Paulpandi –Effect of inclusion of Foxtail millet sprout grown under hydroponic system on growth performance of Nandanam Japanese quail.(13-0026)	S247 Martin Waehner –Effect of prolonged storage of duck eggs with and without periodic warming on hatchability and growth and carcass quality of hatched ducklings.(11-0002)
	S172 Mammo Erdaw – Intestinal mucosal morphometry and digestive function of broiler chickens fed on diets containing raw soybean meal supplemented with	S184 Oluyinka Olukosi – Manipulation of the dietary phytic acid, myo-inositol and exogenous phytase levels influenced growth performance, digesta pH and the gene expression	S196 Man Bao – Natural autoantibodies in healthy chickens, a potential tool for enhancing disease resistance?(2-0218)	S206 Emily O’Reilly –The measurement of chicken acute phase proteins erum amyloid-A, C-reactive protein, Ovotransferrin, Tranthyretin, Haemopexin	S216 Peng Wang –Heat stress relief and meat quality improvement of broiler using post-transportation water-misting sprays with forced ventilation.(10-0013)	S226 Prabakaran Rajamanickam – Indian poultry industry: current status, practical challenges and opportunities.(15-0001)	S235 Mine ERIŞİR – Effects of milk thistle seed supplementation to high-calorie basal diets of quails on oxidative stress parameters.(13-0037)	S248 Inge van Roover-Reijrink – Two methods that prevent hatchability decline due to 21 days of egg storage.(11-0004)

	microbial enzymes.(1-0262)	profile in the jejunum of broilers.(1-0122)		and Apolipoprotein A-1 using a quantitative proteomic approach.(3-0087)				
S173 Wang Y.W – Cytokine gene expression in chicken related to barrier functions of the intestinal mucosa following with microencapsulated E. faecalis and the extract of Camellia oleifera seed .(1-0489)	S185 Wenting Li – Impacts of calcium and phytase on inositol phosphates degradation differs depending on segments of digestive tract.(1-0193)	S197 Yi Wan – Dynamic expression of HSP90 mRNA in the hypothalamus and SNP detection in the gene: marker for heat tolerance in Chinese chicken breed .(2-0035)	S207 Kakha Nadiradze – Infections prevention.(3-0017)	S217 Arthur Hinton Jr – Inhibition of Salmonella by cecal bacteria in media supplemented with lactate and succinate.(10-0030)	S227 Yurniwati yurniwati –Analysis of green intellectual capital and financial performance (study at poultry companies in Indonesia).(15-0006)	S236 Seval Yilmaz – The effects of dietary royal jelly, bee pollen and Ronozyme on oxidative stress of Japanese quails (Coturnix coturnix japonica) reared under different stocking densities.(13-0036)	S249 Amit Haron – Characterization of the genetic mechanisms responsible for adaptation to hypoxic 18ntiox during broiler embryogenesis.(11-0008)	
S174 Paweł Konieczka – Effect of dietary n-6/n-3 fatty acids ratio and vitamin E level on the morphology and DNA damage of epithelial cells in the duodenum of broiler chickens.(1-0188)	S186 F. Yan – The effect of combining microbial phytase, protease and carbohydrase on performance of broiler chicks fed diets containing reduced levels of available phosphorus, amino acids and energy .(1-0374)	S198 Ian Dunn – Mapping genetic loci for the maternal behavior of incubation in chickens.(2-0226)	S208 Wil J.M. Landman – Marek’s disease: focus on the practical aspects of vaccination.(3-0191)	S218 Koen De Reu –Identification and biocide susceptibility of dominant microbiota after cleaning and after disinfection of broiler houses.(10-0038)	S228 Tommy van Limbergen –Short and semi-long term evolutions of broiler production in 8 European countries.(15-0010)	S237 Salam Aritonang –The effect of white oyster mushroom (pleurotusostreatu s) adding on the quality of unproductive quail (coturnixcoturnix japonica) abon (shredded meat).(13-0032)	S250 Albaraa Sarsour –Effects of incubation conditions on hatchability and hatch parameters in two layer strains.(11-0009)	

	<p>S175 Juxing Chen – Effect of methionine hydroxyl analogue chelate copper on gut health in broilers.(1-0123)</p>	<p>S187 J.J. He - Effects of different tea polyphenols products on laying performance, serum lipid level , and egg quality in laying hens.(1-0455)</p>	<p>S199 Shudai Lin – Identification and analysis of antisense promoter regions of chicken GHR gene.(2-0105)</p>	<p>S209 Wenjun Liu – Optimization of the vaccination schedule of the recombinant genotype VII strain inactivated NDV vaccine in layer chickens.(3-0141)</p>	<p>S219 P. Medel – Interaction of a combination of organic acids and mono-glycerides and a probiotic on Campylobacter colonization in broilers.(10-0059)</p>	<p>S229 Mohammad Hossein Shahir – Economic optimization of broiler slaughter weight and age.(15-0013)</p>	<p>S238 Lovita Adriani –Improving Malondialdehyde (mda) and hematologies value using fruit noni (morinda citrifolia) on quail.(13-0034)</p>	<p>S251 Carla van der Pol –Effects of applying a light-dark schedule during incubation on broiler leg bone geometry.(11-0017)</p>
	<p>S176 Naiara Fagundes – Methionine-deficient diet alters performance, digestibility and gene expression of amino acids transporters in broiler chickens.(1-0121)</p>	<p>S188 Zafar Hayat – Effect of xylanase supplementation with and without added fat in broiler diets.(1-0526)</p>	<p>S200 Hao Bai – Genome-wide association study for beak deformity trait in chickens.(2-0087)</p>	<p>S210 Chen Chen –A novel high throughput chip based immuno-mass spectrometry strategy for detection and quantification of avian leukosis virus P27 and gp85.(3-0194)</p>	<p>S220 Simone Pauling – Influence of gradual changes of carbon dioxide and oxygen concentrations during Controlled Atmosphere Stunning on broiler behavior.(10-0063)</p>	<p>S230 Vladimir Fisinin – Innovations and efficiency – strategical goals for development of poultry production in Russian Federation.(15-0018)</p>	<p>S239 Ulku Gulcihan Simsek – Effects of essential oil mixture (orange peel, bay leaf, thyme, and eucalyptus) supplementation to basal diet on fattening performance, carcass characteristics, blood parameters, antioxidat status of tissues and meat quality in Japanese quails exposed to low ambient temperature. (13-0035)</p>	<p>S252 Martyna Lasoń–Goose embryo development from oviposition through 16 hours of incubation.(11-0021)</p>

	S177 Virginijus Slausgalvis – Influence of dietary inclusion of organic acids & plant extract mixture on broiler chickens growth performance, gastrointestinal development and health.(1-0393)	S189 Roberto Montanhini Neto-The effect of a carbohydrase complex on performance and energy utilization of corn-SBM-fed broilers with different dietary energy and amino acid levels. (1-0215)					S240 Jibrán Hussain –Six generations of selection for higher four week body weight in Japanese quail.(13-0014)	S253 Zaib Ur Rehman –Egg quality, incubation characteristics and subsequent broiler performance: effect of egg weight of Hubbard Classic Broiler breeders.(11-0023)
		S190 Saima Masood – Effect of supplemental bacterial phytase at different dietary levels of phosphorus on tibial bone characteristics and body weight gain in broilers.(1-0435)						
15:30-16:00	Tea break/Poster viewing							
Time/ Parallel sessions	Room309A: <b>Nutrition, metabolism and health IV</b> Chair: Michael H. Kogut, Wei Zhai	Room308: <b>Feed additives II</b> Chair: Michael T. Kidd, Huiyi Cai	Room310: <b>Genetics of Important Traits</b> Chair: David W. Burt, Qinghua Nie	Room309B: <b>Immunity &amp; Diagnostics &amp; Disease control</b> Chair: Hafez M. Hafez, Shijun Zheng	Room311A: <b>Meat Quality and Processing</b> Chair: Sarge F. Bilgili, Jie Wen	Room307A: <b>Extension and Education</b> Chair: Jianmin Yuan	Room307B: <b>Quail and Other Species</b> Chair: S. Ezhil Valavan, Zhuocheng Hou	

16:00-17:30	<b>L47 Hai Lin – Energy intake and redistribution in stress-challenged laying hens.</b>	<b>L49 Farid Shariatmadari – Vitamin and mineral removals from poultry diet.</b>	<b>L52 Xiaoxiang Hu – Unravelling the related genes underlying morphological traits in chickens.</b>	<b>L55 Jue Liu –Avian metapneumovirus infection and control.</b>	<b>L58 Massimiliano Petracci –Meat quality of fast-growing broilers: problems and solutions.</b>	<b>L61 Muquarrab A. Qureshi –Challenges and opportunities in meeting agricultural workforce needs: A USDA vision.</b>	S241 Fengzhi Zhao-Effects of Chinese Herbal Medicine on Growth Performance, Slaughter Performance and Blood Biochemical Parameters of Pigeons.(13-0017)
	S178 S.R. Shi – Cholesterol metabolism changed at the early stages of ascites syndrome in broiler chickens.(1-0232)	S191 MSK Sarker – Comparison between formulated and imported Vitamin Mineral Premix in commercial broiler chicken.(1-0498)	S201 Brendan M. Duggan – Selection for improved gait in poultry – finding the correct phenotype.(2-0178)	S211 Yun Zhang –A conserved epitope mapped with a monoclonal antibody against the VP3 protein of goose parvovirus by using peptide screening and phage display approaches.(3-0010)	S221 Morgane Salines –Rates of and reasons for condemnation of Muscovy duck (Cairina moschata) carcasses.(10-0005)	S231 Shakeel Ahmad –Vocational education and training in poultry production in Kingdom of Saudi Arabia.(16-0005)	S242 Jutta Berk –Effect of light quality and barn enrichment on the prevalence of injurious pecking in intact-beak tom turkeys.(13-0019)
	S179 Simone Schaumberger – Impact of fumonisins in layers and effect of a counteracting strategy.(1-0344)	S192 Jing Tang – Riboflavin deficiency impairs liver fatty acid oxidation in starter Pekin ducks.(1-0155)	S202 Poul Sorensen– Tendency to lay eggs on floor is heritable.(2-0149)	S212 Rik Koopman –Ease vaccination program with the use of next generation HVT recombinant vaccines, improving bird health and performance.(3-0066)	S222 Asghar Ali Kamboh –The effect of supplemental soy and citrus flavonoid on antioxidation and microbial quality of meat in broilers.(10-0006)	S232 Dwi Yuzaria – Value chain in broiler contract farming and business performance in West Sumatra Indonesia.(16-0009)	S243 Salaheldeen EL-Safty-Ostrich's eggs: the productivity, quality and hatchability.(13-0024)

	<p>S180 Jose Antonio Fierro – Bio-transference of Aflatoxin B1 from feed to the breast of hens as Aflatoxin M1.(1-0021)</p>	<p>S193 M. N. Anwar – Effect of particle size and calcium to non-phytate phosphorus ratio on true calcium digestibility of limestone for broiler chickens.(1-0045)</p>	<p>S203 Shijun Li –Identification of candidate genes and molecular breeding markers for sperm storage capacity trait in YuKou Jing brown I Hens.(2-0207)</p>	<p>S213 Yipeng Sun - Generation and protective efficacy of a cold-adapted attenuated avian H9N2 influenza vaccine.(3-0024)</p>	<p>S223 Kate Meloche – Effects of qualitative nutrient allocation from 8 to 35 d of age on subsequent myopathies of the Pectoralis major muscles in broiler chickens.(10-0026)</p>	<p>S233 Niranjana Kalita –“Kamrupa”-A dual type new variety of chicken for rural poultry production in Assam and North East India. (16-0010)</p>	<p>S244 Sema Temizer Ozan – The relationship of eritrosit arginase activities and urea levels in different species.(13-0012)</p>
	<p>S181 Yasir Allah Ditta – Evaluation of yeast sludge cell wall and commercial clay based toxin binders against aflatoxin B1 on growth and serum parameters of broilers.(1-0368)</p>	<p>S194 Rick van Emous – Evaluation of calcium and phosphorus absorbability of calcium and phosphate sources in broilers.(1-0300)</p>	<p>S204 Christin Habig – Comparative analysis of bone stability of four layer lines kept in two husbandry systems.(2-0080)</p>	<p>S214 Haini Pao – The application of marketing methodology to the advocacy of on-farm biosecurity: Targeted strategies.(3-0117)</p>	<p>S224 Edi Suryanto –The physico-sensory characteristics and <math>\beta</math>-carotene content of carrot-supplemented chicken nugget kept in the refrigerator. (10-0043)</p>		<p>S245 Mohammadreza Abedini-The study of extruded full fat soybean (ShaySoy™) inclusion in breeder ostrich performance. (13-0031)</p>

	S182 Gábor Mátis -Butyrate of different origin affects intestinal drug-metabolizing cytochrome P450 enzymes in chicken.(1-0443)	S195 Alberto Navarro-Villa – Determination of optimal reduction of dietary Ca levels in the finisher phase of broiler feeds.(1-0444)	S205 Yuxiang Wang – Identification of differentially expressed proteins in preadipocytes of broiler chickens divergently selected for abdominal fat content.(2-0145)	S215 Denis Yau – Proper vaccine application is crucial to induce and optimize the protection expected from a vaccine/vaccination schedule.(3-0188)	S225 Hernan Cordova – Effects of genetic line, incubation temperature profiles and gender on woody breast and white striping at 57 d of age.(10-0047)		S246 Jibrán Hussain – Growth performance, body measurements and slaughter characteristics as influenced by different patio strategies in Japanese quails.(13-0010)
17:30	End of daily scientific program						



SCIENTIFIC PROGRAM  
THE XXV WORLD'S POULTRY CONGRESS, BEIJING, CHINA

THE XXV WORLD'S POULTRY CONGRESS  
Beijing, China September 5-9, 2016

Friday, September 9<sup>th</sup>

Time	309, CNCC Chair: Paul B. Siegel, Zhiqiang Du
8:30-9:50	Plenary session 5: Frontiers in Poultry Research and Technology <b>L64 Liping Zhao –Gut microbiome: a new target for managing human health.</b> <b>L65 Michael H. Kogut –Interactive network between nutrition, immunity, the gut microbiota and poultry health.</b>
9:50-10:20	Tea break
10:20-11:00	<b>L66 Jae Yong Han –Genome Editing and Its Applications in Poultry.</b>
11:00-12:00	Closing Ceremony