



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

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

Tuesday, September 6th

Time	Plenary Hall A, CNCC						
8:30-9:40	Plenary session 1: Current status and future trends worldwide L1 Anne Mottet - Current state and future outlook of global poultry production. L2 Tom E. Porter - Future challenges and the need for poultry science research: A global perspective.						
9:40-10:00	Panel discussion						
10:00-10:30	Tea break						
10:30-11:40	Plenary session 2: Challenges to poultry production L3 Xiufan Liu - The current situations and control strategies of major infectious diseases in poultry in China. L4 Joaquim Brufau - Update of non-antibiotic era in EU new model of poultry production.						
11:40-12:00	Panel discussion						
12:00-13:30	Lunch/Poster viewing						
Time/ Parallel sessions	Room 309A: Nutrition, metabolism and health I	Room 308: Utilization of feed Resources I	Room 310: Poultry Genomics	Room 309B: Virus	Room 307: Welfare and Behavior	Room 311B: Symposium on Meat Production	Room 311A: Symposium on Egg Production
13:30-15:30	L5 Guanghai Qi - Nutritional modulation of laying hen egg quality.	L7 Mateos Gonzalo - Main factors affecting the nutritive value of poultry ingredients: the case of cereals and soybean meal.	L9 David W. Burt - Past, present and future of genomics in poultry breeding.	L12 Hermann Müller - A survey on changes observed in ibdv antigenicity.	L15 Tina Widowski - Impact of housing systems on welfare, health and behavior of pullets and laying hens.	Zhifen Wen – The marketing of yellow chickens.	Hongwei Xin – Global trends of the layer industry.
	S1 Tuoying Ao - Long term effects of	S12 Wei Liu – Apparent metabolizable	L10 Huaijun Zhou - FAANG initiative:	L13 Kannan Ganapathy - Classical	S45 A. B. Riber - Long-term effects of	Avigdor Cahaner - The "evolution" of	Hao Sun - Smarter layer industry in

<p>dietary microalgae on productive performance of laying hens and egg docosahexaenoic acid concentration.(1-0268)</p>	<p>and net energy values of corn and soybean meal for broiler breeding cocks.(1-0090)</p>	<p>functional annotation of regulatory elements of the chicken genome.</p>	<p>and variant infectious bronchitis viruses: epidemiology, diagnosis and control strategies.</p>	<p>rearing layer chicks with dark brooders on welfare, laying behavior and production performance.(5-0013)</p>	<p>science-based modern broiler breeding in the west.</p>	<p>China.</p>
<p>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)</p>	<p>S13 Achille Schiavone - Apparent digestibility and metabolizable energy value of a partially and a totally defatted black soldier fly meal in broiler chickens.(1-0403)</p>	<p>S23 Tieshan Xu - Analysis of duck genome resequencing data reveals selection patterns during duck domestication and speciation.(2-0042)</p>	<p>S33 Tingting Shi - Molecular characterization of nonstructural protein 15 of infectious bronchitis virus.(3-0229)</p>	<p>S46 Congcong Li - The effect of balanced reduced protein diet on the feed pecking behavior of broiler breeder hens.(5-0017)</p>	<p>Qinghua Nie - China Yellow chicken breeding.</p>	<p>Xiufan Liu - Alleviating the burden of excessive use or misuse of vaccines on a scientific basis in poultry industry in China: from concept to reality.</p>
<p>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)</p>	<p>S14 Shubiao Wu - How reliable is your nutrient database: erroneous sources may cause significant underestimation of ingredient AME values.(1-0157)</p>	<p>S24 Sihua Jin - Genomic analysis reveals deletion of IHH as the cause of semi-lethal Creeper trait in the chicken.(2-0018)</p>	<p>S34 Chunchun Meng - Evolution of Newcastle disease virus quasispecies diversity and enhanced virulence after passage through chicken air sacs.(3-0211)</p>	<p>S47 Jiangjun Wang - Effects of stocking densities on growth performance, economic benefit, and welfare parameters of broilers.(5-0026)</p>		
<p>S4 Yupeng Gao - Discussion on the effects and gene regulatory mechanism of polysavone on cholesterol metabolism in laying</p>	<p>S15 Alireza Khadem - Comparing two techniques for viscosity measurements in poultry feedstuffs: does it render similar conclusions?(1-0441)</p>	<p>S25 Binlong Chen - Transcriptome profiling identifies differentially expressed genes associated with high rates of egg production in</p>	<p>S35 Xiaohui Yu - Polymerase-associated proteins are associated with the virulence of Newcastle Disease Virus.(3-0038)</p>	<p>S48 Barbara Tzschentke - Improvement of robustness and performance in broiler chickens by short-term temperature training in the hatcher.(5-0034)</p>		

	hens.(1-0169)		chicken .(2-0095)			
	S5 Aniko Molnar - Effect of split feeding on performance and egg quality in aged laying hens.(1-0317)	S16 Farshad Goodarzi Boroojeni – The effects of fermentation and enzymatic pre-digestion of pea on nutrient digestibility in broilers.(1-0106)	S26 Jibin Zhang - Heart transcriptome response of fast-versus slow-growing broilers under heat stress.(2-0029)	S36 Ye Zhao - Evolution of infectious bronchitis virus in China over the past two decades.(3-0035)	S49 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)	S17 Jianmin Yuan - Effects of storage time on nutrient and utilization of newly harvested maize for broiler.(1-0150)	S27 Tomasz Szwaczkowski - Application of entropy analysis to detect chicken genome regions associated with performance traits.(2-0195)	S37 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)	S50 Zhuocheng Hou - 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)			S38 Rik Koopman- Double recombinant HVT-based vaccines for simultaneous protection against Newcastle disease, Marek's disease and Infectious Laryngotracheitis.(3-0189)	S51 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	Room 309A: Nutrition, metabolism and health I	Room 308: Utilization of feed Resources I	Room 310: Poultry Genomics	Room 309B: Virus	Room 307: Welfare and Behavior	Room 311B: Symposium on Meat Production	Room 311A: Symposium on Egg Production
16:00-17:30	L6 Kazuhisa Honda - Regulation of feed intake and body fat mass in chickens.	L8 Rex Newkirk - Feed processing for performance and profit.	L11 Jiuzhou Song - The current and future of epigenetics in poultry health.	L14 Ming Liao - The Impact to avian influenza epidemic by interventions to live poultry market.	L16 Daniel Berckmans - Precision Livestock Farming: principles and examples for poultry.	Juan Boo Liang - Managing poultry production in the hot tropic.	Guiqin Wu - Layer breeding in China.
	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)	S18 Stephanie Klein - Effects of raw materials grinding with disc mill on feed particle size and digestibility for broiler chicken.(1-0094)	S28 Hong Jo Lee - CRISPR/Cas9-mediate d genome editing in chicken cells.(2-0131)	S39 Juan Pu – The mutation of PA-K356R lowers the barrier to cross-species transmission of H9N2 avian influenza viruses into mammalian hosts.(3-0027)	S52 Junfeng Yao - Effects of different beak treatment systems on layers performance.(5-0022)	Ruud Berkers - Solution of technical and equipment combination for yellow broiler slaughtering.	Maureen Bain - Maintaining egg quality in longer laying cycles.
	S9 Raquel Rodriguez-Sanchez - Gastrointestinal lipid classes changes according to dietary fat consumption in broiler chickens at different ages.(1-0316)	S19 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)	S29 Lingyu Yang - Transcriptome and DNA methylome sequencing reveals the physiologic function of ceca in lines of chickens divergently selected for body weight.(2-0130)	S40 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)	S53 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, social avoidance and mortality, in adult free-range laying		Ji Ma - Current Situation and challenge: the scale, efficiency and benefit of layer production in China

				hens.(5-0025)		
S10 Khaled Kanakri - Influence of dietary fats on the fatty acid composition of uropygial gland secretion in broiler chickens.(1-0319)	S20 Oliver Emenalom - Christmas bush(<i>Alchornea cordifolia</i>) in poultry nutrition: effect of some local processing methods.(1-0165)	S30 Long Liu - Integrated analysis of aranscriptome and metagenome reveals the prostateotic and protective components in a unique model of fatty liver: gut microbiota and suppressed complement system.(2-0175)	S41 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)	S54 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)	S21 Mohammadreza Abedini - The effects of different levels of wet extruded full fat soybean (<i>ShaySoy™</i>) in reproduction traits of layer breeders.(1-0519)	S31 Jinmei Ding - Establishment and inheritance of gut microbiota in the chicken.(2-0097)	S43 Okti Nadia Poetri - Antigenic characterization and cross-protection of co-circulating antigenic variants for H5N1 highly pathogenic avian influenza viruses in Indonesia.(3-0029)	S55 Aitor Arrazola - The effect of alternative feeding strategies during rearing in broiler breeders.(5-0029)		
	S22 Jianmin Yuan - Comparison of slow drying and rapid drying on the physicochemical characteristics of corn and its nutritional value for broiler. (1-0152)	S32 Li Hong – MiRNA transcriptome analysis reveals the regulatory function of differentially expressed miRNAs in chicken hepatic lipid metabolism.(2-0205)	S44 Yipeng Sun - Generation and protective efficacy of a cold-adapted attenuated avian H9N2 influenza vaccine.(3-0024)	S56 Kevin 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 7th

Time	Plenary Hall A, CNCC			
8:30-9:40	Plenary session 3: Resource restriction and technical solutions L17 Changxin Wu - Poultry genetic resources in China. L18 Leo den Hartog -Sustainable feed supply for worldwide poultry production.			
9:40-10:00	Panel discussion			
10:00-10:30	Tea break			
10:30-11:40	Plenary session 4: Better biosecurity and welfare L19 Hafez.M.Hafez - Poultry health and productions challenges: never-ending story. L20 Werner Bessei - Impact of animal welfare on worldwide poultry production.			
11:40-12:00	Panel discussion			
12:00-13:30	Lunch/Poster viewing			
Time/ Parallel sessions	Room 310: Feed additives I	Room 308: Utilization of Feed Resources II	Room 302: Biotechnology and Reproduction	Room 307: Small-scale Family Poultry Production
13:30-15:30	L21 Mario Penz - Feeding the birds of the future.	L23 Mingan Choct - Feed resources: limitation, exploitation and utilization.	L25 Israel Rozenboim - The effect of monochromatic photostimulation on growth and reproduction of broiler birds.	L28 Yusuf L. Henuk - A comprehensive introduction about small-scale poultry production systems and the current developing status from a world-wide vision.
	S57 Arbab Sikandar - Morphological changes in immune related organs, humoral and cell mediated immune	S68 Shugeng Wu - Evaluation of Moringa oleifera leaf in laying hens: effects on laying performance, serum biochemical and organ histopathological	L26 Zhendan Shi - Safeguard geese health and reproductive performances by maintaining a clean and comfortable	S90 Senthilkumar Thayalan - Adoption and constrains faced by the small poultry farmers

response and intraepithelial lymphocytes evaluation of broiler chickens fed Bacillus subtilis or Zinc Bacitracin.(1-0054)	indices.(1-0340)	living environment.	under Indian tropical conditions.(14-0004)
S58 Wei Zhai - Effects of Eimeria coccidial vaccination and dietary antibiotic alternative additives on the growth and carcass traits of male broilers.(1-0474)	S70 Montesqrit Montesqrit - Effect of feeding Mexican sunflower (Thitonia diversifolia) leaf silage meal on broiler production performance.(1-0296)	S80 Samuel Aggrey - Transcriptome analysis of genes in the protein biosynthesis and ubiquitin-proteosome pathways in meat-type chickens under heat stress.(4-0011)	S91 Md. Nuru Miah - Active surveillance for avian influenza in selected areas of bangladesh.(14-0010)
S59 Chongxiao Chen - Role of natural growth promoters (AV/AGP/10 and Vilocym Z) as antibiotics alternatives in broilers.(1-0203)	S71 Apeh Omede - Supplementation of processed plant protein in diet and as paste improves performance of broiler chickens.(1-0236)	S81 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 Brigitte Bagnol - Research for new policy options: Raising village chickens to tackle food and nutrition insecurity.(14-0015)
S60 Basharat Syed - Evaluation of a phytogenic feed additive against an antibiotic growth promoter in broilers challenged with enteric pathogens.(1-0049)	S72 Xiaoxiao Zhang - Effects of dietary processed sweet potato waste products on the growth of broiler chicken.(1-0350)	S82 Carl Lessard - Vitrification and transfer of poultry gonads to preserve heritage breeds in Canada.(4-0045)	S93 Huaijun Zhou - USAID feed the future innovation lab for genomics to improve poultry: Increasing food security in Africa by enhancing resistance to Newcastle Disease and heat stress in chickens
S61 Muhammad Kashif Saleemi - Toxicopathological and growth promoting effects of sangrovit® in growing broilers.(1-0558)	S73 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)	S83 Anqi Huang - Effects of artificial insemination on exosome localization and its protein level in sperm storage tubules of hen oviduct.(4-0047)	S94 Md Saleque - Small scale poultry rearing in Tanzania – Subsistence to surplus production for increase income and improve food and nutrition security.(14-0024)
S62 Mauro Antongiovanni - Antimicrobial action of chestnut tannin and monoglycerides on in vitro growth of pathogenic bacteria.(1-0216)	S74 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)	S84 Qingwen Meng - Genetically modified chicken model of RIG-I reveals antiviral innate immune mechanism.(4-0035)	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)
				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: Feed additives I	Room308: Utilization of Feed Resources II	Room302: Biotechnology and Reproduction	Room307: Waste Management
16:00-17:30	L22 Peter Surai - Natural antioxidants and stresses in poultry production: from vitamins to vitagenes.	L24 Birger Svihus - Challenges to starch digestion in poultry.	L27 Michael Clinton - Regulation of the sexual phenotype in chickens.	L29 Robert Burns - An overview of poultry manure management options.
	S63 Cheng Zhang - Dietary resveratrol supplementation protects against heat-stress-impaired growth performance and meat quality of broilers possibly through a mitochondrial pathway.(1-0399)	S75 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)	S85 Xi Chen - Cytotoxicity of various chemicals and mycotoxins in fresh primary duck embryonic fibroblasts: a comparison to HepG2 cells.(4-0007)	L30 Michelle Soupir - Impact of laying hen manure applications on water quality under continuous corn – A long term study.
	S66 J.J. He - Effects of different tea polyphenols products on laying performance, serum lipid level , and egg quality in laying hens.(1-0455)	S76 Eugenia Herwig - Effect of rate and extent of starch digestion on laying hen performance and digestive tract morphology.(1-0128)	S86 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)	S77 Ruibo Liao - Effect of advanced glycation end-products of wheat gluten on the gut functions of broilers.(1-0136)	S87 Young Hyun Park - Generation of transgenic chicken producing n-3 fatty acid using piggyBac transposon-mediated gene transfer in primordial germ cell.(4-0031)	S98 Chandra Has - In-vitro and in-vivo standardization of poultry excreta for all-weather bio-gas production.(7-0017)

		S78 Pierre Moquet - Effect of dietary butyrate release location on gut functions and protein digestibility of broilers in a feed challenge model.(1-0201)		S88 Qisheng Zuo - Signaling pathways involved in chicken embryonic stem cell differentiation into male germ cells.(4-0048)		
		S79 Tuti Widjastuti - Effect of product bioprocess shrimp waste as nutrient concentrate in the ration on characteristic carcass native chicken starter period. (1-0476)		S89 Elisabeth Blesbois - A new molecular test for male fertility diagnosis: Intact cell MALDI-TOF MS on sperm.(4-0049)		
Time/ Industry Symposium	Auditorium: Breeder and broiler nutrition to manage emerging enteric and structural health challenges	Room 311A: Challenges in modern Poultry Production	Room 311B: New dimensions of vaccination: Protection and Shedding Control Chair: Dr. S. Comte	Room 309A: Healthy poultry healthy industry forum	Room 303: Salmonella Academy Chair: Dr. Chun Zhou	W201, CIEC-VIV: Layer health farming forum
13:30-17:30	Doung Korver - Recent advances in breeder nutrition and its impact on progeny development.	Alex Chang - Nutritional challenges in meeting progressive genetic improvement in poultry.	Zhao Jixun - Challenges of Chinese Poultry Industry in disease control.	Jeff Wilson -	Filep van Immerseel - Oral live immunization against Zoonotic Sal.	Shengwang Liu – Research on main virus disease to layer health farming.
	Sun De Fa - Aspects of trace mineral nutrition on structural health and productivity.	Vincent Zhang - Application of low protein diet in poultry.	Yannick Gardin - Opening new dimension in changing times.	Ralph Norman Marshall – Coccidiosis- a silent killer of your broilers.	Scott Elliott - Field experience with AviPro® Vac E for controlling Salmonella infection.	Jörg Hartung - Health and welfare of laying hens in alternative keeping systems.
	Bill Hargis - Enteric health challenges and solutions in today's poultry industry.	Marteen De Gussem - The challenges and opportunities of replacing AGP: A field experience from Europe.	Mieke Matthijs - Why homogeneity and shedding reduction are critical in disease control.	Gary Butcher - CRD and mycoplasma.		Changsuo Yang - Eggshell quality problems and solution.
	Vázquez Mercedes -Añón - Nutritional strategies to optimize enteric health.	Kiran - Economical impact of gut health on poultry production and solutions.		Marco Martinez - Best practices in the field with hemicell.		Vitor Arantes - Layer nutrition and health farming.
17:30	End of daily scientific program					



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Thursday, September 8th

Time/ Parallel sessions	Room 309A: Nutrition, metabolism and health II	Room 308: Nutrition, metabolism and health III	Room 310: Selection and Breeding	Room 309B: Bacteriology and Food Safety	Room 307: Housing Systems and Environment Management	Room 311A: Egg Quality and Processing	Room 311B: Waterfowls
8:30-10:00	L31 Craig N. Coon - Broiler breeder protein turnover, de novo lipogenesis, heat production and body composition changes.	L33 Valeria A Torok - Broiler gut microbiota - the role in host nutrition, performance and energy metabolism.	L35 Just Jessen - Genomic selection and its application to poultry breeding.	L37 Filip van Immerseel - What is the risk of a new worldwide Salmonella pandemic in the 21st century?	L39 Baoming Li - Research progress on laying-hen healthy production systems in China.	L41 Maxwell T. Hincke - Recent advances in egg quality issues.	L43 Shuisheng Hou - Duck and goose production in China. Including general production, breeder, feeding mode, nutrition and feed.
	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 Xiaosong Jiang - Innovation of breeding scheme and its application to selection of quality chickens.(2-0059)	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)	S149 Sofie Kilroy - Prevention of egg contamination by Salmonella Enteritidis after oral vaccination of laying hens with Salmonella Enteritidis defined mutants .(9-0009)	S159 Chunhe Wan - Novel Muscovy duck parvovirus outbreak, China.(12-0001)
	S100 S.H. Hadinia - How conventionally- and precision-fed	S110 Jing Wang - Flavin containing monooxygenase 3 gene variation	S120 Gamal Rayan - Eggshell and bone quality in two different genetic	S130 Xinming Tang - Transgenic Eimeria tenella expressing E. maxima profilin elicits	S141 Li Ni - Efficacy of slightly acidic electrolyzed water for environmental	S150 Dehe Wang - Traits of eggshells and shell membranes of translucent	S160 Miaomiao WANG - Analysis of population structure of some allopatry

	broiler breeder hens use energy.(1-0406)	modulates the lipid metabolism response to dietary Canola meal supplementation in laying hens.(1-0329)	groups of aged layer breeders.(2-0150)	enhanced protective immunity against wild type parasite infection in chickens.(3-0056)	decontamination of a disinfection room using an ultrasonic disinfection system.(6-0017)	eggs.(9-0012)	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 Yiyuan Yan - Genomic selection in a nuclear breeding population of layers.(2-0030)	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)	S151 Peter Wilson - Understanding egg cuticle formation: a route to reduce egg contamination.(9-0032)	S161 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 transporter in ileum mucus in Chinese yellow-feathered	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, rhamnose 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)	S152 Hajime Hatta - Comparison of methods to evaluate egg freshness: HU vs YI and digital vs manual.(9-0035)	S162 Wei Zhang - Differential regulation of the innate antiviral immune responses by goose type I, II, III interferons.(12-0045)

	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)	S153 Bart Alders – Development of a method for prediction of eggshell damage in order to improve egg handling and packing processes.(9-0042)	S163 S.K Mishra vidence 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	Room 309A: Nutrition, metabolism and health II	Room 308: Nutrition, metabolism and health III	Room 310: Selection and Breeding	Room 309B: Bacteriology and Food Safety	Room 307: Housing Systems and Environment Management	Room 311A: Egg Quality and Processing	Room 311B: Waterfowls
10:30-12:00	L32 Peter Ferket – The potential of perinatal nutrition.	L34 Jun Lin – Bacterial bile salt hydrolase: a gut microbiome target for enhanced poultry production.	L36 Zhiqiang Du – Genetic architecture of abdominal fat content under divergent selection in chickens.	L38 Xinan Jiao – Food-borne diseases of poultry in China.	L40 Hongwei Xin – Environmental challenges and opportunities with cage-free hen housing systems.	L42 Zhaopeng Han – The current status and future of egg processing in China.	L44 Todd Applegate – Meat duck nutrition – formulation considerations across genetic and feedstuff resources.
	S104 E. Assadi Soumeh – Effects of body weight development during rearing and reduced crude protein diets in the laying phase on broiler	S114 M. De Laet – The impact of diets supplemented with medium chain fatty acids on the performance of broilers challenged with clostridium perfringens.(1-0154)	S124 Guiqin Wu – Genetic potential of egg production in Jing Brown Layers.(2-0183)	S134 Susantha Gomis – Oligodeoxynucleotides containing CpG motifs (CpG-ODN) as an alternative to antibiotics in the poultry industry.(3-0011)	S145 Jiang Bian – Effect of monochromatic light on circadian rhythmic expression of clock genes in chick retina.(6-0031)	S154 Mohamed Ketta – Eggshell characteristics and cuticle deposition in three laying hens genotypes housed in enriched cages and on litter.(9-0015)	S164 Wenjun Ding – Effects of corn starch residue growth on performance, body measurements, slaughter performance and viscera indices of Yangzhou Geese at the age of 28 to 70

	breeder and offspring performance.(1-0191)						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)	S155 Yuan Cheng – Effect of glycation on structure and gelling strength of egg white protein.(9-0033)	S165 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)	S156 Juliet Roberts – Assessing body conformation of hens at the end of laying period using computed tomography scanning.(9-0052)	S166 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 in poultry nutrition.(1-0224)	S117 Ying Ding – Effects of gut health enhancer and drinking water product on growth performance, litter quality, and gut microbiota of broilers .(1-0326)	S127 Thieu Ngoc Lan Phuong – Population studies of 14 registered Hungarian poultry breeds conserved in the 21 st century.(2-0002)	S137 Anja Pasto- Reduction of Clostridium perfringens induced Necrotic Enteritis by a standardized blend of plant alkaloids in broiler	S148 Evelyne Delezie – Modifying aviaries to reduce keel bone and foot pad disorders in laying hens.(8-0006)	S157 Yanan Zhang – The improvement of eggshell ultrastructure by dietary supplementation of organic manganese in laying hens.(9-0054)	S167 Christelle Knudsen – Effect of different feeding strategies on the induction of a durable hyperphagia and spontaneous liver steatosis in mule

				chickens.(3-0014)				ducks.(12-0042)
	S108 Behnam Saremi – Effect of either DL-Methionine or DL-methionine 14ntioxid 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)		S158 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)		S168 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)				S169 Gourab Samanta – Rice based DDGS in duck egg production and its quality.(12-0054)
12:00-13:30	Lunch/Poster viewing							
Time/ Parallel sessions	Room 309A: Nutrition, metabolism and health IV	Room 308: Feed additives II	Room 310: Genetics of Important Traits	Room 309B: Immunity & Diagnostis & Disease control	Room 311A: Meat Quality and Processing	Room 307A: Economics and Marketing	Room 307B: Quail and Other Species	Room 311B: Incubation and Hatchery Management
13:30-15:30	L45 Yuming Guo – Intestinal epithelial barrier in poultry: function and nutritional modulation.	L47 Dingyuan Feng – The function and value of feed enzymes in the antibiotic-free ration formulation.	L49 Susan J. Lamont – Poultry immunogenetic s: protecting health and food security,	L52 Aly Fadly – Diagnosis and control of avian tumor viruses in poultry: a review.	L55 Cécile Berri – Omics approaches to unravel meat quality determinism in poultry.	L58 Fu Qin – International trends and China’s perspective: layer industry development.	L61 S. Ezhil Valavan – Diversified poultry production in India: an overview.	L62 Zehava Uni – Nutritional perspective of the chicken embryo during incubation.

			expressing genetic potential.					
S170 F. Yan – Effect of protease on growth performance, intestinal morphology, gut barrier function, and gut microbiota of broilers.(1-0278)	S181 Ludovic Lahaye – Comparison of protease benefits in corn or sorghum based broilers diets.(1-0119)	L50 Michel J. Duclos – From QTL discovery to nutrigenetics.	L53 Irit Davidson – “Viruses, vaccines and feathers”.	L56 Jie Wen – Molecular basis of intramuscular fat deposition and its application in chicken breeding.	L59 Dr. Peter van Horne – Economics of poultry production: critical success factors.	S231 Jibrán Hussain – Growth performance, body measurements and slaughter characteristics as influenced by different patio strategies in Japanese quails.(13-0010)	S245 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)	
S171 Mammo Erdaw – Intestinal mucosal morphometry and digestive function of broiler chickens fed on diets containing raw soybean meal supplemented with microbial enzymes.(1-0262)	S182 Oluyinka Olukosi – Manipulation of the dietary phytic acid, myo-inositol and exogenous phytase levels influenced growth performance, digesta pH and the gene expression profile in the jejunum of broilers.(1-0122)	S193 Man Bao – Natural autoantibodies in healthy chickens, a potential tool for enhancing disease resistance?(2-0218)	S203 Emily O’Reilly – The measurement of chicken acute phase proteins erum amyloid-A, C-reactive protein, Ovotransferrin, Tranthyretin, Haemopexin and Apolipoprotein A-1 using a quantitative proteomic approach.(3-0087)	S213 Peng Wang – Heat stress relief and meat quality improvement of broiler using post-transportation water-misting sprays with forced ventilation.(10-0013)	S223 Prabakaran Rajamanickam – Indian poultry industry: current status, practical challenges and opportunities.(15-0001)	S232 Sema Temizer Ozan – The relationship of eritrosit arginase activities and urea levels in different species.(13-0012)	S246 Inge van Roover-Reijrink – Two methods that prevent hatchability decline due to 21 days of egg storage.(11-0004)	

S172 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)	S183 Wenting Li – Impacts of calcium and phytase on inositol phosphates degradation differs depending on segments of digestive tract.(1-0193)	S194 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)	S204 Dr. Kakha Nadiradze – Infections Prevention.(3-0017)	S214 Arthur Hinton Jr – Inhibition of Salmonella by cecal bacteria in media supplemented with lactate and succinate.(10-0030)	S224 Yurniwati yurniwati – Analysis of green intellectual capital and financial performance (study at poultry companies in Indonesia).(15-0006)	S233 Jibrán Hussain – Six generations of selection for higher four week body weight in Japanese quail.(13-0014)	S247 Amit Haron – Characterization of the genetic mechanisms responsible for adaptation to hypoxic 16ntiox during broiler embryogenesis.(11-0008)
S173 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)	S184 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)	S195 Ian Dunn – Mapping genetic loci for the maternal behaviour of incubation in chickens.(2-0226)	S205 Wil J.M. Landman – Marek's disease: focus on the practical aspects of vaccination.(3-0191)	S215 Koen De Reu – Identification and biocide susceptibility of dominant microbiota after cleaning and after disinfection of broiler houses.(10-0038)	S225 Tommy van Limbergen – Short and semi-long term evolutions of broiler production in 8 European countries.(15-0010)	S235 Tensingh Gnanaraj Paulpandi – Effect of inclusion of Foxtail millet sprout grown under hydroponic system on growth performance of Nandanam Japanese quail.(13-0026)	S248 Albaraa Sarsour – Effects of incubation conditions on hatchability and hatch parameters in two layer strains.(11-0009)
S174 Juxing Chen – Effect of methionine hydroxyl analogue chelate copper on gut health in broilers.(1-0123)	S185 F. Yan – The effect of combining microbial phytase, protease and carbohydrase on performance of broiler chicks fed diets containing	S196 Shudai Lin – Identification and analysis of antisense promoter regions of chicken GHR gene.(2-0105)	S206 Wenjun Liu – Optimization of the vaccination schedule of the recombinant genotype VII strain	S216 P. Medel – Interaction of a combination of organic acids and mono-glycerides and a probiotic on Campylobacter colonization in	S226 Mohammad Hossein Shahir – Economic optimization of broiler slaughter weight and age.(15-0013)		S249 Carla van der Pol – Effects of applying a light-dark schedule during incubation on broiler leg bone geometry.(11-0017)

		reduced levels of available phosphorus, amino acids and energy .(1-0374)		inactivated NDV vaccine in layer chickens.(3-0141)	broilers.(10-0059)			
S175 Naiara Fagundes – Methionine-deficient diet alters performance, digestibility and gene expression of amino acids transporters in broiler chickens.(1-0121)	S186 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)	S197 Hao Bai – Genome-wide association study for beak deformity trait in chickens.(2-0087)	S207 Chen Chen – A novel high throughput chip based 17ntiox-mass spectrometry strategy for detection and quantification of avian 17ntioxid virus P27 and gp85.(3-0194)	S217 Simone Pauling – Influence of gradual changes of carbon dioxide and oxygen concentrations during Controlled Atmosphere Stunning on broiler behavior.(10-0063)	S227 Vladimir Fisinin – Innovations and efficiency –strategical goals for development of poultry production in Russian Federation.(15-0018)		S250 Martyna Lasoń – Goose embryo development from oviposition through 16 hours of incubation.(11-0021)	
S176 Virginijus Slausgalvis – Influence of dietary inclusion of organic acids & plant extract mixture on broiler chickens growth performance, gastrointestinal development and health.(1-0393)	S187 Zafar Hayat – Effect of xylanase supplementation with and without added fat in broiler diets.(1-0526)						S251 Zaib Ur Rehman – Egg quality, incubation characteristics and subsequent broiler performance: effect of egg weight of Hubbard Classic Broiler breeders.(11-0023)	

15:30-16:00	Tea break/Poster viewing						
Time/ Parallel sessions	Room 309A: Nutrition, metabolism and health IV	Room 308: Feed additives II	Room 310: Genetics of Important Traits	Room 309B: Immunity & Diagnostics & Disease control	Room 311A: Meat Quality and Processing	Room 307A: Extension and Education	Room 307B: Quail and Other Species
16:00-17:30	L46 Hai Lin – Energy intake and redistribution in stress-challenged laying hens.	L48 Farid Shariatmadari – Vitamin and mineral removals from poultry diet.	L51 Xiaoxiang Hu – Unravelling the related genes underlying morphological traits in chickens.	L54 Jue Liu – Avian metapneumovirus infection and control.	L57 Massimiliano Petracci – Meat quality of fast-growing broilers: problems and solutions.	L60 Muquarrab A. Qureshi – Challenges and opportunities in meeting agricultural workforce needs: A USDA vision.	S238 Teun Veldkamp – Effect of dietary electrolyte balance and crude protein content on foot pad dermatitis in commercial turkeys.(13-0013)
	S177 S.R. Shi – Cholesterol metabolism changed at the early stages of ascites syndrome in broiler chickens.(1-0232)	S188 MSK Sarker – Comparison between formulated and imported Vitamin Mineral Premix in commercial broiler chicken.(1-0498)	S198 Brendan M. Duggan – Selection for improved gait in poultry – finding the correct phenotype.(2-0178)	S208 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)	S218 Morgane Salines – Rates of and reasons for condemnation of Muscovy duck (Cairina moschata) carcasses.(10-0005)	S228 Shakeel Ahmad – Vocational education and training in poultry production in Kingdom of Saudi Arabia.(16-0005)	S239 Jutta Berk – Effect of light quality and barn enrichment on the prevalence of injurious pecking in intact-beak tom turkeys.(13-0019)
	S178 Simone Schaumberger – Impact of fumonisins in layers and effect of a counteracting strategy.(1-0344)	S189 Jing Tang – Riboflavin deficiency impairs liver fatty acid oxidation in starter Pekin ducks.(1-0155)	S199 Poul Sorensen – Tendency to lay eggs on floor is heritable.(2-	S209 Rik Koopman – Ease vaccination program with the use of next generation HVT recombinant	S219 Asghar Ali Kamboh – The effect of supplemental soy and citrus flavonoid on	S229 Dwi Yuzaria – Value chain in broiler contract farming and business performance in	S240 Salam Aritonang – The effect of white oyster mushroom (pleurotusostreatus) adding on the quality of unproductive quail

			0149)	vaccines, improving bird health and performance.(3-0066)	antioxidation and microbial quality of meat in broilers.(10-0006)	West Sumatra Indonesia.(16-0009)	(coturnixcoturnix japonica) abon (shredded meat).(13-0032)
S179 Jose Antonio Fierro – Bio-transference of Aflatoxin B1 from feed to the breast of hens as Aflatoxin M1.(1-0021)	S190 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)	S200 Shijun Li – Identification of candidate genes and molecular breeding markers for sperm storage capacity trait in YuKou Jing brown I Hens.(2-0207)	S210 Linnea Newman – Broiler coccidiosis vaccination: performance of flocks using vaccine alone or as part of an ionophore or chemical shuttle program.(3-0080)	S220 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)	S230 Niranjana Kalita – “Kamrupa”-A dual type new variety of chicken for rural poultry production in Assam and North East India. (16-0010)	S241 Lovita Adriani – Improving Malondialdehyde (mda) and hematologies value using fruit noni (morinda citrifolia) on quail.(13-0034)	
S180 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)	S191 Rick van Emous – Evaluation of calcium and phosphorus absorbability of calcium and phosphate sources in broilers.(1-0300)	S201 Christin Habig – Comparative analysis of bone stability of four layer lines kept in two husbandry systems.(2-0080)	S211 Haini Pao – The application of marketing methodology to the advocacy of on-farm biosecurity: Targeted strategies.(3-0117)	S221 Edi Suryanto – The 19ntiox-sensory characteristics and β -carotene content of carrot-supplemented chicken nugget kept in the refrigerator.(10-0043)	S242 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, 19ntioxidant status of tissues and meat quality in Japanese quails exposed to low ambient		

							temperature.(13-0035)
		S192 Alberto Navarro-Villa – Determination of optimal reduction of dietary Ca levels in the finisher phase of broiler feeds.(1-0444)	S202 Yuxiang Wang – Identification of differentially expressed proteins in preadipocytes of broiler chickens divergently selected for abdominal fat content.(2-0145)	S212 Denis Yau – Proper vaccine application is crucial to induce and optimize the protection expected from a vaccine/vaccination schedule.(3-0188)	S222 Hernan Cordova – Effects of genetic line, incubation temperature profiles and gender on woody breast and white striping at 57 d of age.(10-0047)		S243 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)
							S244 Mine ERİŞİR – Effects of milk thistle seed supplementation to high-calorie basal diets of quails on oxidative stress parameters.(13-0037)
17:30	End of daily scientific program						



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

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

Friday, September 9th

Time	Plenary Hall A, CNCC
8:30-9:50	Plenary session 5: Frontiers in Poultry Research and Technology L63 Zhao Liping – Present state and future prospect of metagenomics research. L64 Michael H. Kogut – Interactive network between nutrition, immunity, the gut microbiota and poultry health.
9:50-10:20	Tea break
10:20-11:00	L65 Jae Yong Han – Genome Editing and Its Applications in Poultry.
11:00-12:00	Closing Ceremony