



XVI European Poultry Conference

SCIENTIFIC PROGRAM EPC 2024

24TH - 28TH
JUNE 2024

ORGANIZED BY:



SUPPORTED BY:



XVI EUROPEAN POULTRY CONFERENCE OF THE WPSA - VALENCIA | SPAIN

SCIENTIFIC PROGRAM

	Monday, 24th	Tuesday, 25th	Wednesday, 26th	Thursday, 27th	Friday, 28st
		<p>8:30 PRECISION LIVESTOCK FARMING. T. NORTON</p> <p>- SUSTAINABLE DEVELOPMENT PATHWAYS IN POULTRY PRODUCTION. R. KLEYN</p> <p>10:00</p>	<p>8:30 THE MICROBIOTA-GUT-BRAIN AXIS IN POULTRY PRODUCTION: WHAT WE KNOW AND DON'T KNOW AND WHY IT MATTERS. M. LYTE</p> <p>- FOSTERING EMBRYONIC DEVELOPMENT IN CHICKENS: MATERNAL AND IN OVO NUTRITIONAL STRATEGIES. E. ROURA</p> <p>10:00</p>	<p>8:30 CONSEQUENCES OF POLITICAL CONFLICTS IN THE POULTRY SECTOR. N. DIRK MULDER</p> <p>- TRENDS FOR THE FUTURE OF POULTRY EDUCATION: EDUCATION, EMPLOYMENT, AND RESEARCH. V. GUYONNET</p> <p>10:00</p>	
		10:00 - 10:30 COFFE BREAK	10:00 - 10:30 COFFE BREAK	10:00 - 10:30 COFFE BREAK	
		10:30 - 12:30	10:30 - 12:30 11:40 - 12:30	10:30 - 12:30	
		1 2 3 4	8 9 10 11	15 16 17 18	
		12:30 - 14:00 LUNCH	12:30 - 14:00 LUNCH	12:30 - 14:00 LUNCH	
		<p>14:00 BREEDING FOR NEW REQUIREMENTS AND FUTURE PRODUCTION SYSTEMS: LAYING HENS AND BROILERS. T. VAN DE BRAAK & A. M. NEETESON</p> <p>- SEXUAL DIMORPHISM DURING EGG INCUBATION AND DEVELOPMENT OF OVOSEXING METHODS. S. REHAULT-GODBERT</p> <p>15:30</p>	<p>14:00 VACCINATION AGAINST AVIAN INFLUENZA: ADAPTING OUR STRATEGY TO CHANGING CHALLENGES. J.-L. GUÉRIN</p> <p>- UNLOCKING IMMUNE SYSTEM POTENTIAL IN CHICKENS THROUGH GENE EDITING: A PROMISING FRONTIER. B. SCHUSSER</p> <p>15:30</p>	<p>14:00 STRENGTHS AND WEAKNESSES OF POULTRY MEAT QUALITY ATTRIBUTES FOR MEETING INCREASING GLOBAL PROTEIN DEMAND. S. DE SMET</p> <p>- BONE AND EGGSHELL QUALITY IN HENS IN EXTENDED LAYING CYCLES. A. RODRIGUEZ-NAVARRO</p> <p>15:30</p>	
		15:30 - 16:00 COFFE BREAK	15:30 - 16:00 COFFE BREAK	15:30 - 16:00 COFFE BREAK	
		16:00 - 18:00	16:00 - 18:00	16:00 - 18:00	
		5 6 7	12 13 14	19	
		18:00 - 19:00 POSTER SESSION	18:00 - 19:00 POSTER SESSION	18:00 - 19:00 CLOSING CEREMONY	
			20:00 - 22:00 GALA DINNER		
10:00 - 19:30	SET UP, REGISTRATION AND ACCREDITATION				
15:00 - 19:00	SATELLITE MEETINGS (SPONSOR OPPORTUNITIES)				
9:00 - 19:00	TECHNICAL VISITS (YOUTH PROGRAM)				
19:30 - 22:00	OPENING CEREMONY - GET TOGETHER PARTY				

PARALLEL SESSIONS CATEGORIES

- POULTRY HEALTH
- POULTRY NUTRITION
- EGG QUALITY
- PHYSIOLOGY
- BREEDING & GENETICS
- ECONOMY
- MEAT QUALITY
- SUSTAINABILITY
- INCUBATION & FERTILITY
- POULTRY WELFARE

PLENARY SESSION, 2 KEYNOTES

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SCIENTIFIC PROGRAM (DETAILS)

12 PLENARY CONFERENCES (30 MIN + 15 MIN DISCUSSION = 45 MIN) IN 6 PLENARY SESSIONS

1. **The microbiota-gut-brain axis in poultry production: what we know and don't know and why it matters.** Mark Lyte (USA)
2. **Precision Livestock Farming.** Tomas Norton (Belgium)
3. **Vaccination against avian influenza: adapting our strategy to changing challenges.** Jean-Luc Guérin (France)
4. **Breeding for new requirements and future production systems: Laying hens and Broilers.** Teun van de Braak (The Netherlands) and Anne Marie Neeteson (UK)
5. **Sexual dimorphism during egg incubation and development of ovosexing methods.** Sophie Réhault-Godbert (France)
6. **Sustainable development pathways in poultry production.** Rick Kleyn (South Africa)
7. **Strengths and weaknesses of poultry meat quality attributes for meeting increasing global protein demand.** Stefaan De Smet (Belgium)
8. **Bone and eggshell quality in hens in extended laying cycles.** Alejandro Rodríguez-Navarro (Spain)
9. **Unlocking Immune System Potential in Chickens through Gene Editing: A Promising Frontier.** Benjamin Schusser (Germany)
10. **Fostering embryonic development in chickens: maternal and in ovo nutritional strategies.** Eugeni Roura (Australia)
11. **Consequences of political conflicts in the poultry sector.** Nan Dirk Mulder (The Netherlands)
12. **Trends for the future of poultry education: education, employment, and research.** Vincent Guyonnet (Canada)

18 KEYNOTES PLANNED (20 MIN + 10 MIN DISCUSSION = 30 MIN) IN 18 PARALLEL SESSIONS

250 SHORT ORAL COMMUNICATIONS (7 MINUTES)

POSTER EXHIBITION (APPROX. 260) IN DIGITAL FORMAT IN MULTI-PURPOSE HALL 1 - TUESDAY TO THURSDAY ALL DAY

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SCIENTIFIC PROGRAM (DETAILS)

18 KEYNOTES PLANNED (20 MIN + 10 MIN DISCUSSION = 30 MIN) IN 18 PARALLEL SESSIONS

- 1 Chicken-Derived Airway Organoids: A Model to Study Viral Dynamics for Infectious Bronchitis, Newcastle Disease, and Avian Influenza Viruses. Dr. Ferran Tarrés-Freixas
- 2 Feed Production Technology and Poultry Production. Dr. Birger Svihus
- 3 Nourished Mind: Egg Nutrients and Cognitive Function. Dr. Ana M^a Lopez Sobaler
- 4 Towards a Humane and Sustainable Solution: A Genetic Model to Eliminate Male Chick Culling in the Egg Industry. Dr. Yuval Cinnamon
- 5 Antibiotic resistance, the big one health deal. Dr. Bruno González Zorn
- 6 Farm Animal Welfare Assessment and Certification. Dr. Antoni Dalmau
- 7 Heritability estimates for movement of laying hens within a quasi-commercial aviary barn. Dr. Michael Toscano
- 8 Transfer of Undesirable Substances from Feed into Meat and Eggs: From Experimental Data to Predictive Models. Dr. Robert Pieper
- 9 Innovation in Sensory Assessment of Poultry Meat and Meat Products. Dr. Sonia Ventanas
- 10 Growing Broilers During Tough Economic Conditions. Mr. Andrew Catlett
- 11 Cost Factors in Broiler Meat Production: An Alternative Analysis. Mr. J. I. Barragán
- 12 (Anti-)Nutritional Characteristics of Novel Raw Materials Related to Reduced Feed/Food Competition. Dr. Gonzalo G. Mateos
- 13 Dealing with Global Supply Realities. Layer Genetics.. Mr. Javier Ramirez / Dr. Sijne Van der Beek
- 14 Greenhouse Gas Emissions: Impact and Mitigation Strategies. Dr. Salva Calvet
- 15 Phage Therapy Against Superbugs: Promising Strategies and Insights. Dr. Sandra Sevilla
- 16 Early Feeding nutrition: implications and applications. Dr. Zehava Uni
- 17 Beak Trimming or Breeding for Better Beaks? A Genetic Approach to Reducing Feather Pecking Damage. Dr. Sara Struthers
- 18 All Chickens Fast and Slow: Assessing the 'Embryonic Developmental Tempo' Phenotype of Poultry Breeds. Dr. Megan Davey
- 19 Enterococcus cecorum: An Emerging Pathogen of Meat-Type Chickens. Dr. Arne Jung

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