



International Joint Forum “Filling Gaps for Livestock’s Sustainability”

Organized by the Consortiums of

7th International Conference of Animal and Fish Production Department, Faculty of Agriculture, Alexandria University,
 2nd Scientific Conference of the Faculty of Agriculture, Suez Canal University,
 6th Conference of Animal Production Research Institute, Agriculture Research Center
 21th Conference of the Egyptian Society of Animal Production

November 19-21, 2024, Ismailia, Egypt, <https://www.fgls-2024.livestock-hub.org/>

Outlines Program				
Day	Sessions	Time	Schedule	
Tuesday 19/11/2024	Opening session	13:00 –14:00	Registration and Coffee Break Opening of the Forum	
		14:00 –15:00	<ul style="list-style-type: none"> - Coordinator of the Forum - General Secretary of the Forum - Chairman of the Forum - Dean of the Faculty of Agriculture, Suez Canal University - HE President of Agricultural Research Centre - HE President of Alexandria University - HE President of Suez Canal University - HE Ismailia Governor 	
	Session (1) Campus Main Hall	1-Sustainable Livestock Development Strategy		
		Chairmen: Prof. Adel Abdelazim Prof. Adel Aboul Naga		
		15:00 –15:30	Prof. Adel El-Beltagy, Former Minister of Agriculture and Land Reclamation. . <i>Egypt</i> “Impact of climate changes on aagriculture in Egypt”	
		15:30 –16:00	Prof. Ayman Abou-Hadid, Former Minister of Agriculture and Land Reclamation. <i>Egypt</i> “Finger print of livestock on natural resources”	
16:00 –16:30	Prof. Mohamed Yousef, Nevada University, <i>USA</i>			

			“Milestones in Biometrology: Ruminant of the past, present and future”
		16:30 –16:45	Dr. Omnia Hegazy, Technical Officer-National Adaptation Plan Project (NAP), <i>Egypt</i> National Adaptation Plan and Livestock Production
		16:45 –17:00	Eng. Ashraf Elgazairly, Chairman of the Food Industries Chamber, <i>Egypt</i> “Utilization of agri-industry co-products in farm animal feeding”
		17:00 –17:30	Discussion and Forum Photo
		18:00 –20:00	Social Dinner (GOLF CULB)
Wednesday 20/11/2024	Session (2) Video Conference Hall		2- Artificial Intelligence and Smart Livestock Farming
			Chairmen: Prof. Mohsen Shoukry Prof. Mahmoud Sharaby
		09:00–09:30	Prof. Lenny Er-van der Kooij. “ <i>Netherlands</i> ” “Precision livestock farming and sustainability-application in practice”
		09:30–10:00	Prof. Einar Vargas-bello-Perez, University of Reading. “ <i>United Kingdom</i> ” (Online). “Sensors and artificial intelligence in dairy production systems”
		10:00–10:20	Prof. Elsayed Badr, Faculty of Computers and Artificial Intelligence, Benha University, <i>Egypt</i> “Opportunities for Using Artificial Intelligence in Livestock Farming”
		10:20–10:40	Prof. Sobhy Sallam, Faculty of Agriculture, Alexandria University, <i>Egypt</i> ” “Smart innovative applications in your pocket for livestock farming”
		10:40–11:00	Prof. Abdel-Aziz Belal, Head of Agriculture Application, Soil and Marine Division, National Authority for Remote Sensing and Space Sciences, <i>Egypt</i> “Development of smart agriculture technologies under arid and semi-arid based on IOT and AI to increase food security”
		11:00–11:30	Discussion
		11:30-12:00	Coffee Break
	Session (3) Theater Youth Hall		3-Poultry Industry
			Chairmen: Prof. Farid Stino Prof. Hassan A. Abdelghafar
		09:00-09:25	Prof. Mohamed El-Shafeay, Poultry industry expert, Member of Food Industries Chamber “Future of poultry industry in Egypt”
		09:25-09:50	Prof. Abdelrahman Atta, Faculty of Agriculture, Cairo University, <i>Egypt</i> “Feasibility of using antibiotics alternatives for maximizing poultry productivity”
09:50-10:15		Prof. Ismail Hermes, Faculty of Agriculture, Suez Canal University, <i>Egypt</i> “The relationship between poultry products (Meat and table eggs, bad cholesterol and the health of consumers)”	
10:15-10:40		Dr. Ahmed Nawar, Animal Production Research Institute, <i>Egypt</i> “Contribution of Animal Production Research Institute in Producing Egyptian Commercial Chicken Hybrids to	

		Achieve Sustainable Development”	
Wednesday 20/11/2024	Session (3) Theater Youth Hall	10:40-11:00	Ibrahim M. M. Ibrahim; Walaa, A. Amer; A. M. Abdel Samee; E. O. A. Bakr and M. M. Shetaewi “Growth and reproductive performances of New Zealand White rabbits fed biologically treated jojoba meal with or without <i>Alpinia galanga</i> under North Sinai conditions”
		11:00-11:20	Abd El-Tawab, M., A Makram, I. El-Wardaney, A. Zein El-Dien and A.H.El- Attar 1) Economic Efficiency of Shershery Ducks (Local Mallard) under Different Raising Systems 2) Histological and Microbial Study of Shershery and Domyati Ducks Strain (Local Mallard in Egypt) under Different Raising System 3) Effect of Feather color on growth performance and carcass traits of shershery duck Strains (Local Mallard)
		11:20-11:30	Discussion
		11:30-12:00	Coffee Break
		4-Feeding System and Animal Welfare	
	Session (4) Video Conference Hall	Chairmen: Prof. Sabbah Allam Prof. Ahmed El-Waziry	
		12:00–12:20	Prof. Mohsen Shoukry, National Research Centre, <i>Egypt</i> “Constrains and problems of using agro-industry by-product in animal feeding”
		12:20–12:40	Prof. Hussein Mansour, Faculty of Agriculture, Ain Shams University, <i>Egypt</i> “Food between science and Shariaa”
		12:40–13:00	Prof. Hassan Elshear, Desert Research Center, <i>Egypt</i> “Alternative Feed Resources in Marginal Lands of Egypt”
		13:00-13:20	Prof. Helmi Metawi, Animal Production Research Institute, <i>Egypt</i> “Enhancing the dairy value chain in Egypt: addressing challenges faced by smallholder farmers”
		13:20-13:35	Dr. Hatem Mohamed Esmail, Animal Production Research Institute, <i>Egypt</i> “Developing milk collection centre for improving dairy sector”
		13:35-13:50	Dr. Mamdouh Makkawi, Chairman of Al-Khair Feeds, <i>Egypt</i> “Al-khair feed success story, how it sustained?”
		13:50-14:10	Discussion
		14:10- 15:00	Lunch
		5-Aquaculture Sustainability	
	Chairmen: Prof. Mohamed Eldanasoury Prof. Walid Keishk		
	15:00-15:30	Prof. Mohamed Faisal, Michigan State University, USA (Online) “One Health Approach to Aquaculture Practice”	

Wednesday 20/11/2024		15:30-15:55	Prof. Abdelaziz Nour, Faculty of Agriculture, Alexandria University, <i>Egypt</i> “Potential uses of fish waste and fish by-products”	
	Session (5) Video Conference Hall	15:55-16:20	Prof. Adel A. Shaheen, Faculty of Veterinary Medicine, Benha University, <i>Egypt</i> “Fish diseases: old concepts revisited”	
		16:20-16:45	Eng. Hussein Mansour, CEO of Aller Aqua, <i>Egypt</i> “Sustainability in Aquaculture”	
		16:45-17:00	Discussion	
			6-Genomic Improvement of Egyptian Buffalo	
	Session (6) Theater Youth Hall		Chairmen: Prof. Samy Abou-Bakr Prof. Ashraf Amin	
		15:00-15:25	Prof. Maher Khalil, Faculty of Agriculture, Benha University, <i>Egypt</i> Genomic Wide Association Studies (GWAS) to be used in genetic improvement programs for economic traits in the Egyptian buffalo: Approach, Methodology, Candidate genes, Case study	
		15:25-15:50	Prof. Hamdy Abdel-Shafy, Faculty of Agriculture, Cairo University, <i>Egypt</i> Unlocking the power of genomic data for sustainable improvement of Egyptian Buffalo	
		15:50-16:10	Zaghloul, A. R., Khalil, M. H., Iraqi, M. M., Amin, A.M.S. and EL Nagar, A.G. 1) Random regression model and BLUPF90 analysis to evaluate the genetic and phenotypic trends for lactation and reproductive traits in the Egyptian buffalo 2) Genetic and phenotypic trends for birth and weaning weights and the molecular associations of these weights with GH, PRL and FSHR genes in the Egyptian buffalo	
		16:10-16:30	Mr. Ahmed El-Sharkawy, Manager of Chem Tech Company for Scientific Equipment, <i>Egypt</i> “Linking Scientific research to national industry according to egypt vision 2030”	
		16:30-17:00	Discussion	
	Session (7) Video Conference Hall		7-Metabolomics Technology	
			Chairmen: Prof. Dr. Mohamed Yousef Prof. Dr. Sobhy Sallam	
		17:00-17:30	Prof. Bahgat Edriss, Faculty of Veterinary Medicine, Cairo University, <i>Egypt</i> “The gateway to successful clinico-nutrition: All applications of metabolomics in sustainable livestock production systems”	
		17:30-17:50	Prof. El-Sayed Hafez, Scientific Research City and Application Technology, <i>Egypt</i> Transposons elements as intra-evolution system inside organism’s genome	
		17:50-18:10	Prof. Alzahraa Abdelatty, Faculty of Veterinary Medicine, Cairo University, <i>Egypt</i> Nutrigenomic applications in dairy cow	
		18:10-18:20	Dr. Sherif Melak, Animal Production Research Institute, <i>Egypt</i> Host microbiota interaction in animal science	
		18:20-18:30	Dr. Hossam Seddik, Faculty of Agriculture, Alexandria University, <i>Egypt</i>	

Thursday 21/11/2024			Ruminal host-microbiome mutual adaptation to high grain diets as revealed by multi-omics approach	
		18:30-19:00	Discussion	
	Session (8) Video Conference Hall		8- Biotechnology & Genetic Diversity	
			<i>Chairmen:</i> Prof. Ali Moustafa Prof. Gamal Abdelatif	
		09:00-9.30	Prof. Adel Aboul Naga, Animal Production Research Institute., <i>Egypt</i> “Physiological and genetic issues for tolerance to heat stress in local sheep and goats”	
		9:30-10:00	Siham. A. Rahmatalla, Guilherme. B. Neumann, Paula Korkuć, Danny Arends, Eva Strucken, Getinet Tarekegn, Suheil Gaouar, Hamdy Abdel-shafy, Joanne Conington, Monika Reissmann, Ahmed M. Sallam, Mostafa K. Nassar, and Gudrun A. Brockmann “Genetic diversity and relationships among Nubian, Anglo-Nubian, Old English, and African goat breeds”	
		10:00-10:30	Tamer M. M. Hassan, Marwa S. Awad and Omar A. Ahmed-Farid “Effect of dry guava leaves on Shami goat’s milk production and immune response under grazing or confinement management system”	
		10:30-10:55	Dr. Shaimaa Mohmed, Animal Production Research Institute, <i>Egypt</i> “Bioinformatics for livestock genomic”	
		10:55-11:15	Dr. Layaly Gamal, Animal Production Research Institute, <i>Egypt</i> Epigenetic in livestock science	
		11:15-11:30	Discussion	
		11:30-12:00	Coffee Break	
		Session (9) Theater Youth Hall		9-Reproduction & preventive care in Ruminants
			<i>Chairmen:</i> Prof. Mostafa Kobeisy Prof. Reda Khalifa	
	09:00-9.30		Prof. Samir Rashed Nouh, Faculty of Veterinary Medicine, Alexandria University, <i>Egypt</i> “Effects of claw and limb disorders on the reproductive performance in cattle”	
	9:30-10:00		Prof. Moustafa Ayoub, Faculty of Agriculture, Suez Canal University, <i>Egypt</i> “The future demand for sustainable livestock production in Egypt”	
	10:00-10:30		Prof. Khalid Tawfik Osman, Animal Production Research Institute, <i>Egypt</i> “Fertility problems in Buffalo” with special references to repeat breeding”	
	10:30-11:00		Prof. Nasser Ghanem, Faculty of Agriculture, Cairo University, <i>Egypt</i> “Integration of <i>in vivo</i> and <i>in vitro</i> evaluation of cattle resilience: From basic to genome wide approaches”	
	11:00-11:15		Ahmed F. Seioudy “Effect of green laser irradiation on camel semen quality stored at 37°C”	
	11:15-11:30		Discussion	

		11:30-12:00	Coffee Break
Thursday 21/11/2024	Session (10) Video Conference Hall	10-Sustainable Aquaculture under Recent Legislations	
		<i>Chairmen:</i> Prof. Mohamed F. Osman Prof. Khaled Elsayed.	
		12:00-12:30	Prof. Salah Meselhy, Chairman of Lakes and Fish Resources Protection and Development Agency, Faculty of Veterinary medicine, Suez Canal University, <i>Egypt</i> “Challenges, Prospects and Future Vision of Aquaculture in Egypt”
		12:30-12:50	Prof. Tarek Ahmed Temraz, Director of Erasmus MSc program on Climate Change management at Suez Canal University and Prof of Marine ecosystems and Sustainability “Climate change and aquaculture challenges”
		12:50-13:10	Prof. Ashraf El-Daker, Faculty of Marine Aquaculture and Fisheries, Arish University, <i>Egypt</i> “The role of recent legislation in developing and attracting investment in aquatic resources projects in Egypt”
		13:10-13:30	Prof. Dr. Salah Hagag, Animal Health Research Institute, <i>Egypt</i> “Management of integrated aquaculture agriculture system in desert land”
		13:30-13:45	Dr. Mohamed Metwaly, Aquaculture consultant “Innovative approach for tilapia culture using natural super male Tilapia”
		13:45-14:00	Discussion
		14:00-15:00	Lunch
		15:00- 16:00	Closing Session and Recommendations
Thursday 21/11/2021	Theater Youth Hall	11- Posters	
		<i>Coordinator:</i> Prof. Mohamed H. El-Shafie	
		Hassan, M. A. N.; Abd El-Hady, M. A. A.; El-Moghazy, M. M.; and Abdel-Rahman, K. M. Effect of boldenone undecylenate injections on the characteristics of male goats	
		Ahmed S. H. Soliman, Ali M. A. Khalifa, Marwa El-Zeftawy, Mohamed S. Refaie, Mohamed Hosny, Mahmoud Shabaan, Belal F. Farag Impacts of enriching growing rabbit diets with curcumin and chlorella vulgaris microalgae on growth performance, physiological responses, carcass traits and antioxidant indices	
		Soliman A. S. H. ; M. O. S. Abd-Elwares; H. A. Hamdon; A. Y. Kassab The ability of two probiotics to improve the nutritional value of ensiled date palm wastes incorporated in a total mixed ration for goats	
Samah Z. Ebrahim, Mohamed A. Mandour, Mahmoud M.A. Elmaghraby, Mohammed M. Fathalla, Ferial M. Sahwan			

			Estimates of genetic parameters for milk production traits and lactation persistency in Holstein cows using multi-trait models
			Samah Z. Ebrahim The effect of climate change on the reproductive characteristics for Friesian cows in Egypt.
			Fatma. R. Abdel Aziz The effect of feeding Camel's male with <i>Nigella sativa</i> feed additives on component of nutritional elements of (Bull Camel)
			Nagy S. Hassan; Ahmed M. Abdel-Ghany; Mahmoud; A. Abdel-Ghaffar and Ahmed Y. Badawy Reproductive-intervals traits of the acclimatized New-Zealand white rabbits raised under the semi-arid environment of Ismailia-Egypt.
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