

ICOVRI 10

CONFERENCE PROGRAM

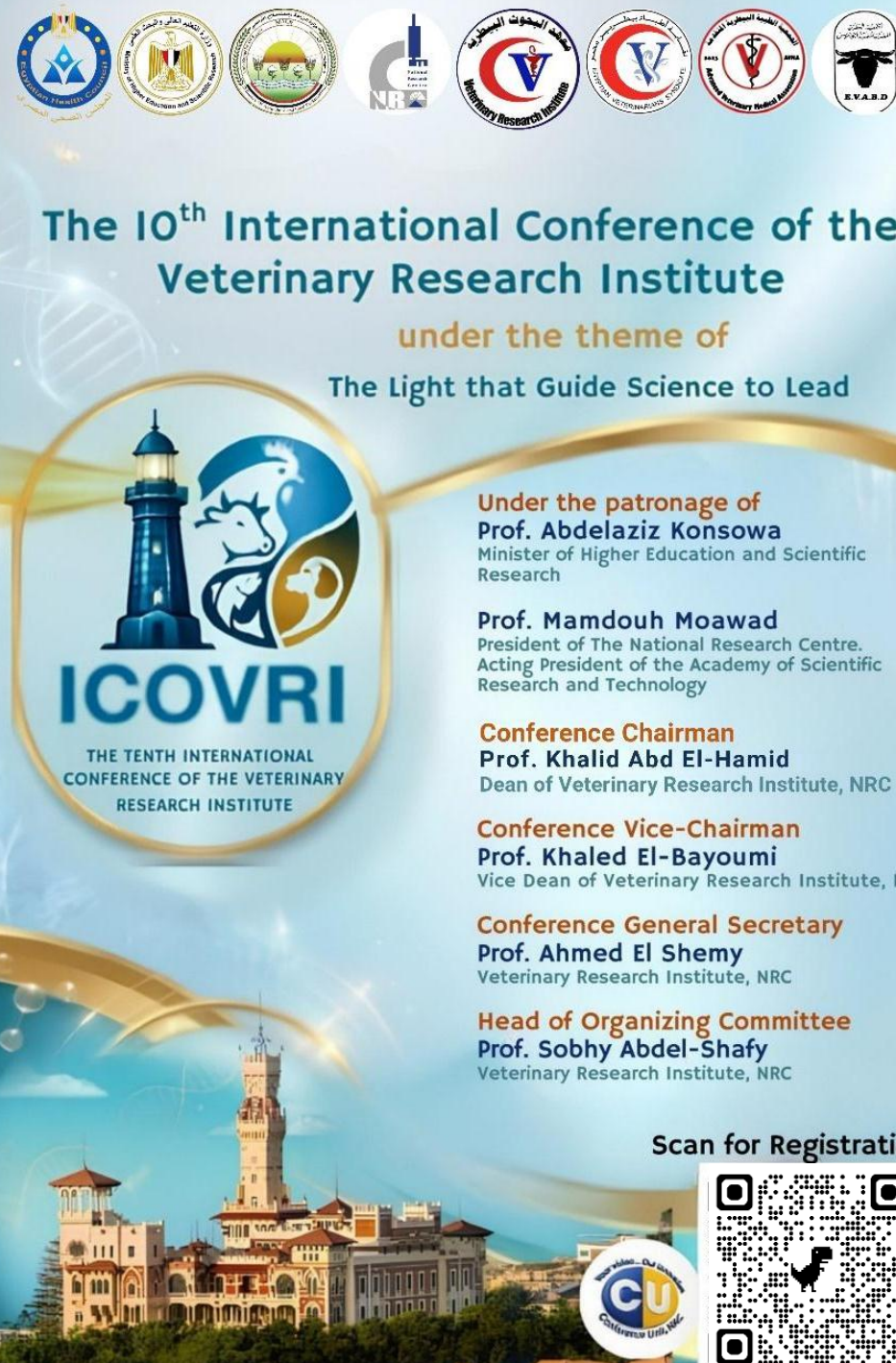
The Tenth International Conference of the Veterinary Research Institute

The Light that Guides Science to Lead

27–30 SEPTEMBER 2026 | EGYPT

27 September • Hilton Heliopolis, Cairo

28–30 September • Tulip Sidi Gaber, Alexandria



The 10th International Conference of the
Veterinary Research Institute
under the theme of
The Light that Guide Science to Lead

Under the patronage of
Prof. Abdelaziz Konsowa
Minister of Higher Education and Scientific
Research

Prof. Mamdouh Moawad
President of The National Research Centre,
Acting President of the Academy of Scientific
Research and Technology

Conference Chairman
Prof. Khalid Abd El-Hamid
Dean of Veterinary Research Institute, NRC

Conference Vice-Chairman
Prof. Khaled El-Bayoumi
Vice Dean of Veterinary Research Institute, NRC

Conference General Secretary
Prof. Ahmed El Shemy
Veterinary Research Institute, NRC

Head of Organizing Committee
Prof. Sobhy Abdel-Shafy
Veterinary Research Institute, NRC

Scan for Registration



Program at a Glance

A Four-day Program Designed Around the Conference Theme and Scientific Priorities.

DAY 1

27 SEPT

Sunday

CAIRO

- Opening Ceremony
- Honoring
- Keynotes
- Poster Session
- Best Applied Research Competition

DAY 2

28 SEPT

Monday

ALEXANDRIA

- Keynotes (Poultry Health & Vaccines)

DAY 3

29 SEPT

Tuesday

ALEXANDRIA

- Keynotes (Nutrition • Immune Foundation)

DAY 4

30 SEPT

Wednesday

ALEXANDRIA

- Keynotes (One Health , Zoonoses , Advanced Vaccines)
- Closing & Recognition
- Gala Dinner

16 Keynote Lectures

5 Applied Research Prizes

31 Poster

OPENING & SPECIAL EVENTS

- 9:30-10 :00 AM** | **Registration, Welcome Drink**
Arrival, Registration And Informal Welcome
- 10:00-11:00 AM** | **Opening Ceremony**
Official Opening of ICOVRI 10
- 11:00-11:30 AM** | **Welcome Address & Conference Introduction**
Conference Chairman / Organizing Committee
- 11:30 AM-12:00 PM** | **Honoring and Recognition Ceremony**
Recognition of Distinguished Contributors And Guests

SPECIAL SESSION| 12:00 AM-1:00PM

Rabies Elimination Through Collabora Rabies Elimination Through Collaboration and Innovation Workshop” From Global Expertise to Local Impact, aligned with the Egypt Free of Rabies 2030 Vision

Session Chairman: Dr. Amr Kandil (Deputy Minister of Health and Population for Preventive Medicine, Public Health, and Primary Health Care)

- 12:00-12:15 PM** | • **Dr. Amr Kandil** Egypt Free of Rabies 2030 Vision
- 12:15-12:30 PM** | • **Dr. Nima Saeed Abid**, WHO Regional Representative in Egypt, **Zero Human Deaths from Dog-Mediated Rabies through the Implementation of the One Health Approach.**
- 12:30-12:50 PM** | • **Prof. Dr. Muhammad Munir** Department of Biomedical and Life Sciences, Lancaster University, Lancaster, **Rabies Vaccine for Immunisation and Sterilization**
- 12:50- 1:00 PM** | **Discussion**
- 1:00:1:20 PM** | **KEYNOTE • Prof. Dr. Alaa Eldin Eissa** (Aquatic Veterinary Consultant, Dept. of Aquatic Animal Medicine, Faculty of Veterinary Medicine, Cairo University, Egypt) **Early Mortality Syndrome (EMS): An Evolving Global Threat to Shrimp Farming**
- 1:20- 1:30 PM** | **Discussion**
- 1:30- 2:30 PM** | **Lunch break, Poster Session Electronic**
- 2:30- 2:50 PM** | **KEYNOTE • Prof. Dr. Mohamed Ahmed Elmetwally** (Faculty of Veterinary Medicine, Mansoura University & Hannover University of Veterinary Medicine-Germany) **Embryo Transfer in Mares vs. Camels: What makes them different?**
- 2:50- 3:00 PM** | **Discussion**
- 3:00- 4:00 PM** | **Best Applied Research Prize — Announcement of Winners**
Five winners • Certificates / Shields /Recognition

DAY 2 • MONDAY, 28 SEPTEMBER Scientific Program

Program begins in the early afternoon to allow travel and arrival.

Tulip Sidi Gaber Hotel, Alexandria | Poultry Health, Vaccines & Emerging Infections

KEYNOTE SPEAKERS

1:30-2:00 PM Registration

2:00-2:30 PM **KEYNOTE • Prof. Dr. El-Sayed M. Abdelwhab**, Head of Laboratory of Avian Influenza, Institute of Molecular Virology and Cell Biology (IMVZ), FLI, Germany
Avian Influenza: Evolutionary Dynamics and Immune Defense

2:30-2:40 PM Discussion

2:40-3:10 PM **KEYNOTE • Prof. Dr. Magdy Elkady**, Poultry Diseases · Head of EVPA · Former Dean, Faculty of Veterinary Medicine, Beni Suef University, Egypt
Immunosuppression in Poultry Flocks: A Complicated Situation of Multiple Challenges

3:10-3:20 PM Discussion

3:20-4:20 PM Lunch Break

4:20-5:00 PM **KEYNOTE • Prof. Dr. Mounir Iqbal**, Head of the Avian Influenza and Newcastle Disease Group, The Pirbright Institute & Visiting Professor, Royal Veterinary College, London
Avian Influenza: Challenges and Advances in Vaccines

5:00-5:10 PM Discussion

7:00-10:00 PM Dinner

Session Chairs:

Prof . Dr. Hatem Salah Eldin

Prof . Dr. Khaled El -Bayomi

Prof . Dr. Awad Abdel Hafez

DAY 3 • TUESDAY, 29 SEPTEMBER Scientific Program

Tulip Sidi Gaber Hotel, Alexandria

10:00–7:00AM

Breakfast

Session Chairs

Prof . Dr. Hossam Hassan, Prof . Dr. Hesham El Khadrawy, Prof . Dr. Ayman Amin

Session 1 | Avian Vaccines & Emerging Viral Diseases

10:00-10:30 AM	KEYNOTE • Prof. Dr. Hesham Sultan, Professor of Bird and Rabbit Diseases and Former Dean of Fac. Of Vet. Med. Sadat City University- Egypt Current Situation of HPAIV-H5Nx in Egypt During 2025–2026
10:30-10:40 AM	Discussion
10:40-11:10 AM	KEYNOTE • Prof. Dr. Ahmed Elbestawy, Vice Dean, Faculty of Veterinary Medicine, Menoufia University, Egypt Hatchery Vaccination: Building The Immune Foundation in Broilers
11:10-11:20 AM	Discussion
11:20-11:50 AM	KEYNOTE • Prof. Dr. Muhammad Munir, Department of Biomedical and Life Sciences, Lancaster University, Lancaster , United Kingdom Newcastle Disease Virus Across Century
11:50-12:00 PM	Discussion

Session Chairs

Prof . Dr. Magdy Elkady, Prof . Dr. Mounir Iqbal, Prof . Dr. Abdel Mohsen Hammam

Session 2 | Nutrition & Immune Foundations

12:00-12:30 PM	KEYNOTE • Prof. Dr. Nasser Khedr, Nutrition & Clinical Nutrition Consultant, Egypt & Middle East · Expert in Poultry, Ruminant, Dairy, Beef, Sheep, Goat, Camel, Fish & Equine Nutrition Optimizing Immunity Through Clinical Nutrition
12:30-12:40 PM	Discussion
12:40-1:10 PM	KEYNOTE • Prof. Dr. Ahmed El Shemy, · Professor of Pathology & Clinical Pathology, Veterinary Research Institute, National Research Centre, Egypt Gut Immune Foundation
1:10 – 1:20 PM	Discussion
1:20-2:20 PM	Lunch Break
7:00PM–onward	Dinner — Zafeer Restaurant Conference delegates, keynote speakers and guests

10:00–7:00AM

Breakfast

Session Chairs

Prof . Dr. Mona Said, Prof . Dr. Nadia Talaat, Prof . Dr. Ahmed El Shemy

SESSION 1 | One Health, and Zoonoses

- 10:00-10:30 AM** | **KEYNOTE• Prof. Dr. Mohamed Osman,**
CEO, La Vache Consultancy Group · Livestock Director,
DINA FARMS Farm Development Consultant, Beyti Co.
Immunity Drives Your Bottom Line
- 10:30-10:40 AM** | **Discussion**
- 10:40-11:10 AM** | **KEYNOTE • Prof. Dr. Wahid Moussa,**
Department of Parasitology, Faculty of Veterinary Medicine,
Cairo University, Egypt
Parasites, Risk Assessment and Zoonotic Importance
- 11:10-11:20 AM** | **Discussion**

7:00 PM - onward

Gala dinner

Group Photo & Farewell

Session Chairs

Prof . Dr. Sobhy Abdelshafy, Prof . Dr. Hussien Abouelhag, Prof . Dr. Ahmed Allam

SESSION 2 | Advanced Vaccines & Innovation

- 11:20-11:50 AM** | **KEYNOTE• Prof. Dr. Adel M. Talaat,**
Department of Pathobiological Sciences, School of Veterinary
Medicine, University of Wisconsin, Madison, WI, United States
**Superior Protection Against Tuberculosis Using Nanoadjuvant RNA
Vaccines**
- 11:50 -12:00 PM** | **Discussion**
- 12:00-12:30 PM** | **KEYNOTE • Prof. Dr. Hoda Elkhenany,**
Surgery department, Faculty of Veterinary Medicine, Alexandria
University, Egypt.
Immune Modulation for Spinal Cord Regeneration
- 12:30-12:40 PM** | **Discussion**
- 12:40-1:00 PM** | **Diamond Sponsor**
- 1:00-1:20 PM** | **Diamond Sponsor**
- 1:20-1:40 PM** | **Diamond Sponsor**
- 1:40-1:50 PM** | **Platinum Sponsor**
- 1:50-2:20 PM** | **Honoring of Sponsors and Closing Ceremony**
Conference highlights • acknowledgements • closing remarks
- 2:20-3:20 PM** | **Lunch Break**

Poster Presentations

Session Chairs:

Prof . Dr. Hatem Shalaby
Dr. Ahmed Sosa

Article Number	Title
1	Evaluating the Single and Combined Effects of Dietary Black Soldier Fly Oil, Probiotics, and Immunostimulants on Nile Tilapia (<i>Oreochromis niloticus</i>) Juveniles: Growth, Health, and Immunity Samar Abaza , Mahmoud Elzeiny, Alkhatib Gaafar, Magdy Soliman
2	Integron-Mediated Resistance in Poultry-Derived Enterobacteriaceae and antimicrobial effect of <i>Laurus nobilis</i>: Implications for One Health Aml Mokhtar
3	Protective Role of Green Tea and Thyme Extracts and Green-Synthesized Iron Nanoparticles against Aflatoxin Toxicity in Rabbits Mahmoud M. Arafa, Momtaz A. Shahein ,Al-Afifi, Shaaban, Hassan Hassan, Ghada M. El Khder , Pierre E. Mehanny , Noha Abdelrahman and Dalia M.A. Elmasry
4	Optimization of Newcastle Disease Virus Genotype VII Inactivation for Safe and High Quality Vaccine Antigen Manufacturing Walaa A. Mohammed, Nada A. Fathy, Zeinab M. Ali, Mahmoud M. Abdelmoneam
5	Phenotypic characterization of coliform bacteria isolated from meat and meat products Sohair N. Elshony , Asmaa A. Elgendy, Amira M. Rizk
6	Evaluation of the Protective Immune Response Elicited by an Inactivated Rift Valley Fever Vaccine with a Novel Immunostimulatory agent in Sheep Fatma, M. Nabout , Yasser, F. Elnaker; Mohamed, S. Daib, Mohamed Ahmed Saad, Marwa Yehia Hammad, Noha E. Elsayed, Bahgat A. Mohamed , Sally Z. Hafez, Sarah G. Mahmoud
7	Evaluation of the efficacy of sheep passive immunization against pest des petits ruminant’s virus infection to be applied in emergency cases Mohamed M. Youssef and Dalia A.M. Abd El-Moaty
8	Electrocoagulation in Recirculating Aquaculture Systems: An Innovative and Sustainable Strategy for Improving Water Quality, Reducing Contaminant Bioaccumulation, and Enhancing Fish Safety Khalid Tolba, Huda Elsayed , Ahmed M. Mostafa, Mona Momtaz M. Abd El-aziz, Amani Abd El latif Mosleh, Azza M. Abdelmoteleb, Howayda A. Zohree, Diao Eldin Ezzat Hussein, Shaimaa, M. Tony, Maha A. El-Hady, Eman Sh. Laz, Arafa M.M, Samah Eid.
9	Marek’s Disease in Layer Chickens in Egypt: A Pathological, Molecular and Immunohistochemical Study Woaud A. Radwan , Ahmed Fotouh, W. Senosi, and Sary Khaleel Abd-Elghaffar

Article Number	Title
10	Pathological, Molecular, Immunohistochemical, and Serological Diagnosis of Avian Leucosis Virus Type J in Naturally Infected Chickens Ahmed Fotouh , El- Begawey M. B, Hamdy Soufy, and Soad M. Nasr
11	Ozone as a Dual-Function Agent: Healing, Regeneration, and Meat Preservation Rania Samir Zaki, Nady Khairy Elbarbary, Manal Abdullah Mahmoud, Mohamed S. Diab, Ahmed Fotouh
12	Investigation on Some Infectious Causes of Lameness in Broiler Chickens Saad E. A. K. Garamoun, Rania I. El-Meslemany, Hossam Sh. Elsebaey , Hamdi M. Sallam and Eid G. S. Hussein
13	A sustainable green strategy for disinfecting milking goat udder using electro-chemically activated water compared to iodine and its impact on milk safety and quality Khalid Tolba, Shehab Abdelwahab, Huda Elsayed, El-Nemr Saad A. , Nesreen Eleiwa, Samah Eid
14	Mosquitocidal properties and bioactive efficacy of Hyssopus officinalis and Chrysanthemum cinerariifolium against Culex pipiens larvae (Diptera: Culicidae) Baïome Abdelmaguid Baïome , Rasha. Fouad, Fawzya Al Omari, Fawzy Alnadari, Saber F. Hendawy and Elsayed A. Omer
15	Isolation, Molecular Identification, and Antimicrobial Resistance of Clostridium perfringens Recovered from Animal and Food Sources in Egypt: In Vitro Evaluation of Thyme Essential Oil Nanoemulsion Fatma M. T. Abo Zaied , Helmy A. E. Torkey , Gamal R. H. El Naby , Rasha G. Tawfik
16	NOTCH4 gene polymorphism and its association with cow fertility and milk traits Ahmed S. A. Sosa , Hassan R. H. Darwish, Daniela Elena Ilie and Karima Gh. M. Mahmoud
17	Accuracy of Transrectal Palpation for Diagnosis of Some Infertility Problems in Buffalo Yasser M. Eldeeb , Walid Abdo, Bassiouni A. Heleil, Adel A. Ramoun, Nasra A. Yousef, Rezk S. Ghallab
18	The Interplay of Climate Change, Environmental Factors and Emerging, Re-emerging Viral Diseases: (Mechanisms, Projections, and Public Health Imperatives) Maged Mounir Ibrahim

Article Number	Title
19	Evaluation of MDBK cells susceptibility for Rift Valley Fever virus propagation Taradi Abd El-Fattah, Marwa Yehia H, Noha E. El-Sayed , Bahgat A. Mohamed
20	Avian Neuropathology: A Comprehensive Review of Neuropathological Changes, Mechanisms, and Emerging Toxicological Insights Ahmed Fotouh , Aymen S. Salah, Mohammed Abdel-Aziz Mahmoud, Nehal K. Alm Eldin, and Mohamed S. Diab
21	Quantitative Determination of D-3-Hydroxybutyric Acid in some Egg-Based Products in the Egyptian Market. Hany Hendawy, Heba M Hassan
22	Innovative strategies on accelerating skin wound healing in dogs using chitosan coated zinc oxide nanoparticles based on two different routes Marwa H. Hassan , Eman I. Hassanen, Marwa A. Ibrahim, Neven H. Hassan, Sherif H. El Mosalamy, Khaled Y. Farroh, Mohamed M. Bahr
23	Assessment of commercial smoked fish quality and experimental evaluation of different smoking techniques on microbiological, physicochemical, and sensory quality of Atlantic herring (<i>Clupea harengus</i>) and salmon (<i>Salmo salar</i>) Khalid S. Tolba, Amani A. Mosleh, Nasreen Z. Elewa, Dina I. EL Zahaby, Shaimaa M. Tony, Amr A. A. El-Saadany, Rasha A. EL-Meghnawy, Sameh A. El-Alfya and Nermeen M. L. Malak
24	Occurrence, Antibiotic Resistance Patterns, and Molecular Characterization of Some Toxigenic Bacteria Isolated from Syrian Cheese Sold in Egypt Omar F. Tarabiya; Said S. Sallam; Ayah B. Abdel-Salam and Shimaa S. Awaad
25	Combating of polymicrobial foodborne pathogens biofilms using carvone and gallic acid nanoemulsions Hisham M Hashim , Hadeel Bakr, Shaimaa A Khalid
26	Nanoformulated Pomegranate Extract-Loaded Carboxymethyl Cellulose Film as an Active Packaging System for Meat Preservation Shaimaa A. Khalid , Talaat El-khateib , Ahmed F. Ghanem , Ashraf Abd-El-Malek, Mahmoud A. Ammar, Ibrahim M. El-Sherbiny
27	Innovative approaches to water and fish quality improvement: A comparative analysis of physio -chemical coagulants Khalid Tolba; Huda Elsayed ; Ahmed M. Mostafa; Mona Momtaz M. Abd El-aziz; Amani Abd El latif Mosleh; Azza M. Abdelmoteleb; Nashwa M. Zaki; Shaimaa, M., Tony; Diaa Eldin Ezzat Hussein; Maha A. El-Hady; Shabana E S E1; Bedeir Ibrahim Agag; Farag, Enas A.H.; Rasha M.H. Sayed-ElAhl; Abedelrhman mohamed Gamal; Hanan Saad Khalefa
28	Underpinning the Molecular Barriers to Emergence of Novel Viruses Asmaa Nasr , Nikki Copeland and Muhammad Munir

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