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### List of internationally published research from 2020 to 2026

Name of the faculty member \ **Prof. Dr Ahmed Elbestawy**

s	Research Title	Journal Name	Publication Year	IF	Q
1	A picture of <i>Mycoplasma gallisepticum</i> and <i>Mycoplasma synoviae</i> in poultry in Egypt: Phenotypic and Genotypic characterization. <a href="https://doi.org/10.1016/j.jksus.2020.02.036">https://doi.org/10.1016/j.jksus.2020.02.036</a>	Journal of King Saud University Science	2020	4	Q2
2	Comparative Pathogenicity of Duck Hepatitis A Virus-1 Isolates in Experimentally Infected Pekin and Muscovy Ducklings. <a href="https://doi.org/10.3389/fvets.2020.00234">doi: 10.3389/fvets.2020.00234</a>	Frontiers in Veterinary Science	2020	3.4	Q1
3	Sequence analysis and pathogenicity of Avian Orthoavulavirus 1 strains isolated from poultry flocks during 2015–2019. <a href="https://doi.org/10.1186/s12917-020-02470-9">https://doi.org/10.1186/s12917-020-02470-9</a>	BMC Veterinary Research	2020	2.7	Q1
5	Approaches to prevent and control <i>Campylobacter</i> spp. colonization in broiler chickens: a review.	Environmental Science and Pollution Research	2020	0.8	Q2



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	<a href="https://doi.org/10.1007/s11356-020-11747-3">https://doi.org/10.1007/s11356-020-11747-3</a> .				
6	Respiratory and reproductive impairment of commercial layer chickens after experimental infection with <i>Gallibacterium anatis</i> biovar haemolytica. <a href="https://doi.org/10.1637/aviandiseases-D20-00051">doi.org/10.1637/aviandiseases-D20-00051</a>	Avian diseases	2021	1.6	Q2
7	Ways to minimize bacterial infections, with special reference to <i>Escherichia coli</i> , to cope with the first-week mortality in chicks: an updated overview. doi: <a href="https://doi.org/10.1016/j.psj.2021.101039">https://doi.org/10.1016/j.psj.2021.101039</a> .	Poultry Science	2021	4	Q1
8	Avian Paramyxovirus Type 1 in Egypt: Epidemiology, Evolutionary Perspective, and Vaccine Approach. doi: 10.3389/fvets.2021.647462	Frontiers in Veterinary Science	2021	3.4	Q1
9	Comparative evaluation of a live <i>E. coli</i> vaccine and cefotaxime treatment against three <i>E. coli</i> serotypes in broilers.	Journal of King Saud University Science	2021	3.8	Q2



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	<a href="https://doi.org/10.1016/j.jksus.2021.101353">https://doi.org/10.1016/j.jksus.2021.101353</a>				
10	COVID-19: pathogenesis, advances in treatment and vaccine development and environmental impact—an updated review. Environmental Science and Pollution Research, 1-24. <a href="https://doi.org/10.1007/s11356-021-13018-1">https://doi.org/10.1007/s11356-021-13018-1</a> .	Environmental Science and Pollution Research	2021	0.8	Q2
11	Efficacy of Vaccination against Infection with Velogenic Newcastle Disease Virus Genotypes VI and VII 1.1 Strains in Japanese Quails. doi.org/10.1016/j.jcpa.2021.05.003	Journal of Comparative Pathology	2021	1.08	Q4
12	Quercetin Dietary Supplementation Advances Growth Performance, Gut Microbiota, and Intestinal mRNA Expression Genes in Broiler Chickens. <a href="https://doi.org/10.3390/ani11082302">https://doi.org/10.3390/ani11082302</a>	Animals	2021	3.23	Q1
13	<i>Leucocytozoon caulleryi</i> in Broiler Chicken Flocks: Clinical, Hematologic, Histopathologic, and Molecular Detection. <a href="https://doi.org/10.1637/0005-2086-65.3.407">https://doi.org/10.1637/0005-2086-65.3.407</a> .	Avian Diseases	2021	1.4	Q2



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14	Production and characterization of chicken immunoglobulin y (IgY) against <i>Escherichia coli</i> O157:H7, <i>Salmonella typhimurium</i> , <i>Gallibacterium anatis</i> and <i>Staphylococcus aureus</i> .	European Journal of Pharmaceutical and Medical Research	2021	-	-
15	Phytochemical control of poultry coccidiosis: A review. <a href="https://doi.org/10.1016/j.psj.2021.101542">https://doi.org/10.1016/j.psj.2021.101542</a>	Poultry Science	2021	4.014	Q1
16	Necrotic enteritis in broiler chickens: disease characteristics and prevention using organic antibiotic alternatives – a comprehensive review. Poultry Science. <a href="https://doi.org/10.1016/j.psj.2021.101590">https://doi.org/10.1016/j.psj.2021.101590</a>	Poultry Science	2021	4.014	Q1
17	Use of Zinc Oxide Nanoparticles as Anticoccidial Agents in Broiler Chickens along with Its Impact on Growth Performance, Antioxidant Status and Hematobiochemical Profile. <a href="https://doi.org/10.3390/life12010074">https://doi.org/10.3390/life12010074</a>	Life	2021	3.253	Q2
18	Hot red pepper powder as a safe alternative to antibiotics in organic poultry feed: An updated	Poultry Science	2021	4.014	Q1



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	overview. DOI: <a href="https://doi.org/10.1016/j.psj.2021.101684">https://doi.org/10.1016/j.psj.2021.101684</a>				
19	Undesirable odour substances (geosmin and 2-methylisoborneol) in water environment: Sources, impacts and removal strategies.	Marine Pollution Bulletin	2021	7	Q1
20	The relationship among avian influenza, gut microbiota and chicken immunity: An updated overview. <a href="https://doi.org/10.1016/j.psj.2022.102021">https://doi.org/10.1016/j.psj.2022.102021</a>	Poultry Science	2022	4.4	Q1
21	Comparative efficacy of postbiotic, probiotic, and antibiotic against necrotic enteritis in broiler chickens. <a href="https://doi.org/10.1016/j.psj.2022.101988">https://doi.org/10.1016/j.psj.2022.101988</a>	Poultry Science	2022	4.4	Q1
22	Isolation of genetically diverse H5N8 avian influenza viruses in vaccinated commercial poultry in Egypt, 2019-2021. <a href="https://doi.org/10.3390/v14071431">https://doi.org/10.3390/v14071431</a>	Viruses	2022	4.7	Q2
23	Inhibition of microbial pathogens in farmed fish.	Marine Pollution	2022	5.8	Q1



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	doi/10.1016/j.marpolbul.2022.114003	Bulletin			
24	Epidemiology, pathology, prevention, and control strategies of inclusion body hepatitis and hepatitis-hydropericardium syndrome in poultry: A comprehensive review. doi: 10.3389/fvets.2022.963199	Frontiers in Veterinary Science	2022	3.2	Q1
25	Genetic Correlation of Virulent <i>Salmonella</i> Serovars (Extended Spectrum $\beta$ - Lactamases) Isolated from Broiler Chickens and Human: A Public Health Concern. Doi: 10.3390/pathogens11101196	Pathogens	2022	3.7	Q2
26	Evaluation of the Antimicrobial Activity of ZnO Nanoparticles against Enterotoxigenic <i>Staphylococcus aureus</i> . Doi:10.3390/life12101662	Life	2022	3.2	Q2
27	Antimicrobial impacts of zinc oxide nanoparticles on shiga toxin-producing <i>Escherichia coli</i> (serotype O26). DOI: 10.2478/aoas-2022-0088	Annals of Animal Science	2022	1.9	Q2



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28	Immunostimulant potential of <i>Moringa Oleifera</i> leaves alcoholic extract versus Oregano Essential Oil (OEO) against cyclophosphamide-induced immunosuppression in broilers chicks. <a href="https://doi.org/10.1007/s11250-023-03620-5">https://doi.org/10.1007/s11250-023-03620-5</a>	Tropical Animal Health and Production	2023	1.7	Q2
29	Correlation between environmental and intestinal <i>Clostridium perfringens</i> isolated from different chicken flocks. DOI: 10.3923/ijps.2023.90.98	International Journal of Poultry Science	2023	-	-
30	Superior Efficacy of Apathogenic Genotype I (V4) Over Lentogenic Genotype II (LaSota) Live Vaccines Against Newcastle Disease Virus Genotype VII.1.1 in Pathogen-Associated Molecular Pattern-H9N2 Vaccinated Broiler Chickens. <a href="https://doi.org/10.3390/vaccines11111638">https://doi.org/10.3390/vaccines11111638</a>	Vaccines	2023	5.2	Q1
31	<i>Gallibacterium anatis</i> infection in poultry: a comprehensive review. 55, 383 (2023). <a href="https://doi.org/10.1007/s11250-023-03796-w">https://doi.org/10.1007/s11250-023-03796-w</a>	Tropical Animal Health and Production	2023	1.7	Q2



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32	Quercetin Dietary Supplementation Advances Growth Performance, Gut Microbiota, and Intestinal mRNA Expression Genes in Broiler Chickens. <a href="https://doi.org/10.3390/ani11082302">https://doi.org/10.3390/ani11082302</a>	Animals	2023	2.7	Q1
33	Molecular characterization, antimicrobial sensitivity testing of <i>Salmonella</i> Enteritidis and its immune compromising effect on Newcastle disease vaccinated broilers. <a href="https://doi.org/10.51585/gjvr.2023.4.0067">https://doi.org/10.51585/gjvr.2023.4.0067</a>	German Journal of Veterinary Research	2023	-	-
34	Dietary lysozyme and avilamycin modulate gut health, immunity, and growth rate in broilers., DOI: 10.1186/s12917-023-03871-2	BMC Veterinary Research	2023	2.3	Q1
35	Postbiotic, anti-inflammatory, and immunomodulatory effects of aqueous microbial lysozyme in broiler chickens. DOI: 10.1080/10495398.2024.2309955	Animal Biotechnology	2024	1.8	Q2
36	Isolation, Molecular, and Histopathological Patterns of a Novel Variant of Infectious Bursal	Veterinary Sciences	2024	2.3	Q1



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	Disease Virus in Chicken Flocks in Egypt. <a href="https://doi.org/10.3390/vetsci11020098">https://doi.org/10.3390/vetsci11020098</a>				
37	Genetic sequence and pathogenicity of infectious bursal disease virus in chickens in Egypt during 2017-2021. <a href="https://doi.org/10.1637/aviandiseases-D-23-00087">https://doi.org/10.1637/aviandiseases-D-23-00087</a> .	Avian Diseases	2024	1.3	Q2
38	Antibacterial Effect of Different Vitamin C Formulations on Multi-Drug-Resistant Salmonella Serovars Recovered from Broiler Chickens. <a href="https://doi.org/10.21608/jvmr.2024.271111.1098">https://doi.org/10.21608/jvmr.2024.271111.1098</a>	Journal of Veterinary Medical Research	2024	-	-
39	Rapid Onset of Innate Response, Cytokine Signaling and Humoral Immunity in Inactivated LPAI-H9N2-Vaccinated Broilers. <a href="https://doi.org/10.3390/poultry3040032">https://doi.org/10.3390/poultry3040032</a>	Poultry	2024	2.1	Q2
40	Characterization of vvIBDV in Vaccinated Broilers and Evaluation of Protection of Different Vaccination Programs. DOI:	Egyptian Journal of Veterinary Sciences	2025	-	-



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	10.21608/ejvs.2025.362692.2658				
41	Pathogenicity of FAdV-D serotype 2 in broiler and layer chicks. DOI: 10.1080/03079457.2025.2507023	Avian Pathology	2025	2.2	Q1
42	Isolation and Molecular Detection of <i>M. gallisepticum</i> and F Strain like Isolates from Chicken Flocks Suffering from Respiratory Problems in Egypt. DOI: 10.21608/ejvs.2025.344630.2561	Egyptian Journal of Veterinary Sciences	2025	-	-
43	Prevalence and molecular characterization of multidrug resistant <i>Campylobacter</i> isolated from animals and humans as a one health approach. <a href="https://doi.org/10.1038/s41598-025-13120-1">https://doi.org/10.1038/s41598-025-13120-1</a>	Scientific Reports	2025	3.9	Q1
44	Isolation, Molecular and Biological Characterization of Fowl Adenovirus-D Serotype 2 from Infected Commercial Broilers in Egypt During 2024. DOI: 10.5455/ajvs.254920	Alexandria Journal of Veterinary Sciences	2025	-	-
45	Detecting Some Virulent Bacterial Causes of	Egyptian Journal of	2025	-	-



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	Omphalitis in Broiler Chickens. DOI: 10.21608/ejvs.2025.414184.3057	Veterinary Sciences			
46	Effects of dietary dried distillers' grains with solubles and NSP enzyme supplementation on growth performance, intestinal morphology, immunity, and economic efficiency in broilers. doi: 10.3389/fvets.2025.1752220	Frontiers in Veterinary Science	2025	2.9	Q1
47	Protection against HPAI-H5N8 early challenge in commercial broilers with maternal immunity: prime-boost vs. single vaccination of a trivalent H5-inactivated vaccine. <a href="https://doi.org/10.1080/03079457.2025.2603919">https://doi.org/10.1080/03079457.2025.2603919</a>	Avian Pathology	2025	2.2	Q1
48	Enhanced protection and suppression of viral shedding by combined recombinant FP-ND, live VG/GA, and inactivated vaccines against velogenic NDV genotype VII.1.1 in commercial broilers. <a href="https://doi.org/10.51585/gjm.2026.2.0061">https://doi.org/10.51585/gjm.2026.2.0061</a>	German Journal of Microbiology	2026		