



*Curriculum Vitae for
Prof. Dr. Faten Fathy Mohammed
Professor of pathology
Fac. Vet. Med. Cairo University*

PERSONAL DATA:-

1- Full Name: Faten Fathy Mohammed Hanafy

2- Place and Date of Birth: 12/3/1981

3- Nationality: Egyptian

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PROFESSIONAL EXPERIENCES:

Academic position:

- 1-** Demonstrator of Pathology, Pathology Department, Faculty of Veterinary Medicine, Cairo University (2003-2006).
- 2-** Assistant lecturer of Pathology, Pathology Department, Faculty of Veterinary Medicine, Cairo University (2006-2009).
- 3-** Lecturer of Pathology, Pathology Department, Faculty of Veterinary Medicine, Cairo University (2009 -2014).
- 4-** Assistant professor of Pathology, Pathology Department, Faculty of Veterinary Medicine, Cairo University. (2014 till 2019).
- 5-** Professor of Pathology, Pathology Department, Faculty of Veterinary Medicine, Cairo University. (2019 till now).

Membership of Cultural, Educational and Professional Societies:

1- Member of Veterinary Syndicate

2- Egyptian Veterinary Medical Society of Pathology and Clinical Pathology (EVMS).

Teaching Activities in the field of Veterinary Medicine:

- Teaching of general, special and post mortem courses for undergraduate students in Faculty of Veterinary Medicine, Cairo University.
- Teaching of pathology of laboratory animals and toxicopathology, pathology of parasitic diseases for PH.D and Master and diploma courses for postgraduate students in Faculty of Veterinary Medicine, Cairo University.
- Course Coordinator for post mortem course (401)

SUPERVISION ON MASTER AND PH.D. THESIS'S

Finished thesis

1-Title: Pathological Studies on the Toxic Effect of Silver Nanoparticles In Rats

Name of researcher: Mohamed Gaber Shaalan

Degree: Master

Faculty: Faculty of Veterinary medicine, Cairo University.

Year of dissertation approval :2013

2-Title: Histopathological and Immunological Evaluation of Canine Amniotic membrane implantation in rabbit

Name of researcher: Hanaa hani Muhammad

Degree: Master

Faculty: Faculty of Veterinary medicine, Cairo University.

Year of dissertation approval :2016

3-Title: Pathological studies on some pathological affection in the urinary system of sheep and goats

Name of researcher: Magid Mohamed Soliman EL Gumah

Degree: PH.D

Faculty: Faculty of Veterinary medicine, Cairo University.

Year of dissertation approval :2017

4-Title: Comparative pathological and immunohistochemical studies on natural and experimental infections of velogenic Newcastle disease virus in different ages of broiler chickens

Name of researcher: Mohamed Refat Mousa

Degree: PH.D

Faculty: Faculty of Veterinary medicine, Cairo University.

Year dissertation approval :2019

Current Thesis

1-Title: Pathological studies on Monochloropropandiol toxicity in rats

Name of researcher: Yousrah Mostafah Mohamed

Degree: Master

Faculty: Faculty of Veterinary medicine, Cairo University.

Year of graduation, 2014

2-Title: Pathological studies on Necrotic Enteritis in Broilers

Name of researcher: Mahmoud Saber Abdel tawab

Degree: Master

Faculty: Faculty of Veterinary medicine, Cairo University.

Year of graduation, 2014

3-Title: Pathological Studies on kidney affections in Cats

Name of researcher: Nermmen Samir Sobhy

Degree: Master

Faculty: Faculty of Veterinary medicine, Cairo University.

Year of graduation, 2017

4-Title: Pathological Studies on Influenza in Ducks

Name of researcher: Sarah Magdy Hashim

Degree: Master

Faculty: Faculty of Veterinary medicine, Cairo University.

Year of graduation, 2017

5-Title: Comparative Studies on the Effect of Some Biological Substances In Wound Healing In Dogs

Name of researcher: Sohair EL said Elmorshady

Degree: Master

Faculty: Faculty of Veterinary medicine, Cairo University.

Year of graduation, 2017

6-Title: Pathological Study on The Effect of Camel Whey On Experimentally Induced Liver Fibrosis In Rats

Name of researcher: Al Taher Mostafah Mohamed

Degree: Master

Faculty: Faculty of Veterinary medicine, Cairo University.

Year of graduation, 2018

Awards:-

- 1- International publication awards from Cairo university 2013
- 2- International publication awards from Cairo university 2014
- 3- International publication awards from Cairo university 2016.
- 4- International publication awards from Cairo university 2018.

Conferences:

- 1.** 5th International Conference of Scientific Research and its Applications, Cairo University, December 21 – 24, 2009.
- 2.** First International Forum for Scientific Research IFSR, Cairo University, December 13-16, 2010.
- 3.** Mycotoxicological Risks in Mediterranean Countries: Economic Impact, Prevention, Management and Control, National Research Center, Egypt, October 25-27th , 2010.
- 4.** The International Scientific Conference of Pathology Department, Sheraton Dreamland Conference Center, April 25-27, 2013.
- 5.** The International Conference on Molecular Biology and Stem Cells. Ain Shams University, May 22-23, 2013.
- 6.** The 18th scientific conference of Egyptian Veterinary Medical Society (EVMS) for Pathology and Clinical Pathology, May 28, 2013.
- 7.** 1st CL Davis Middle East Division Symposium ,Pathology of Domestic and laboratory Animals, Cairo-Egypt.21-24 March.2015.
- 8.** The 1st Scientific forum for applied medical research marketing National research center (the future is now).December,17,2016.
- 9.** INTERNATIONAL EGYPTIAN CZECH CONFERENCE ON NANO TECHNOLOGY APPLICATIONS) IECCNA 2017.
- 10.** The International Nanotechnology Summit,The British University in Egypt, El-Sherouk City, Egypt ,March 14, 2018.
- 11.** Beneficial bacteria :manipulating the little machines for better life.

Training Courses:-

Faculty and Leadership Development Project courses including:

- 1-Effective Presentation
- 2- Effective Communication
- 3- Modern trends in teaching

- 4- Financial and legal aspects
- 5- The ethics of scientific research
- 6- Systems Examinations
- 7- Time and conference Management
- 8- Competing for research funds
- 9- Strategic Planning
- 10 - Publishing International Scientific Research
- 11- Credits hours Systems
- 12-Program quality standards in the teaching process
- 13-Ethical considerations for animal use in research and education
- 14-Decision Making and Problem Solving
- 15-statitital analysis of biological experiments
- 16-University code Ethics
- 17-Evidence Based Strategy in Medical Practice.
- 18-Staff-Entrepreneurship

دورات تدريبية من مركز جامعة القاهرة لضمان جودة التعليم:

1- اعداد الدراسة الذاتية والتقرير السنوى لمؤسسة تعليمية فى اطار المعايير الجديدة 2016/11/16.

2- توصيف المقرر الدراسى 2016/11/23

3- توصيف البرنامج الدراسى 2016/11/27

4- تقرير المقرر والبرنامج 2016/11/29

5- تصميم امتحان الكترونى 2019

6- كيفية استخدام منصة جورميا 2020/12/5

7- نظم القياس والتقويم واعداد المفردة الاختبارية 2021/3/2

8- القياس والتقويم التربوى والتحول الرقمى 2021/3/3

9- ورشة عمل للتدريب على منصة البلاك بورد 2021/2/25-24

الاختبارات الألكترونية 2021/5/30

Scientific symposia and workshops

1- " Basic concepts of molecular biology and PCR techniques" *Biotechnology Center For Services and Researches*, Faculty of Veterinary Medicine, Cairo University, 15th and 16th April, 2014.

2-"Mammalian cell culture" Molecular biology lab, Cairo University Research Park. 20-24 April, 2014.

3-Water quality, methods of diagnosis and treatment of fish diseases and basics of applied and clinical nutrition in aquaculture, 18 May, 2015.

4-Image J, central lab, faculty of vet. med. Suez University. 2016.

5-"Advanced Techniques In Molecular and Pathobiology. Salah Deeb`S Histological Lab. In Cooperation With Poultry Diseases Department, 2015.

6-Training Course On Manufacture Of Some Dairy Products Under Hygienic Condition, Faculty Of Veterinary Medicine, Cairo University, May 2016

7- Nanotechnology Applications, Agriculture Faculty, Cairo University. 10-11 October 2017

8-Electron Microscope Uses and Applications, Transmission Electron Microscope Lab, Cairo University Research Park, 12 April, 2018

9-Image and Photoshop work shop , Faculty of medicine, Suez University, January, 2019

Projects:

1-Treatment of iron deficiency anaemia using magnetic nanoparticles, Cairo University, 15/7/2016-till now

2-Nanocarrier-Based Approaches for the Treatment of Multiple Sclerosis, Science & Technology Development Fund (STDF), 28/2/2018-till now

3-ALzheimer disease novel model at national research center under code number, 12010114.

Scientific Publications:

1-H.A.EL-MEZAEN, Faten.F.Mohammed, W. G. H. Shousha, A. A. Bahnssy, A. E. ABD EL-MONEM, S. A. GABR, and N. M. MESALAM(2013): "Protective Effect Of Propolis (Bee Glue) In Mice Bearing Ehrlich Ascites Carcinoma", *ISOTOP&RAD.RES.*, vol. 45, issue 1, pp. 91-107.

2-Ahmed, Z. A. M., Faten. F. Mohammed, and A. Abd El-Rahman (2012): "Ecomonitoring of Climate Impact on Tilapia niloticus Performance and Development of Different Histopathological Changes", *Global Veterinaria*, 8 (3), 209-221.

3-Amany, S. A., Faten.F.Mohammed, and A. A. Samiha,(2013): "Nutritional Impact of Cauliflower and Broccoli against Development of Early Vascular Lesions Induced by Animal Fat Diet(Biochemical and immunohistochemical studies)", *Life Science Journal* , vol. 10(4), issue 1097-8135, pp. 2496-2509, 2013.

4-Faten.F.Mohammed.(2013): Comparative neuropathological studies of sodium nitrite and nisin exposed rats with special reference to expression of Glial fibrillar acidic protein and vascular endothelial growth factor . **Egypt. J. Comp. Path &Clinic Path.** Vol.26 No.2 ; 61- 71 ISSN 1110-7537

5-Nashwa A. Abu Aita and Faten F. Mohammed.(2014):" Effect of Marjoram Oil on the Clinicopathological,Cytogenetic and Histopathological Alterations Induced by Sodium Nitrite Toxicity in Rats". *Global Veterinaria* ,12 (5): 606-616.

6-M. Younis, Faten F. Mohammed, A.M . Abu-Seida, R.S. Ragab and H.M. Gohar.(2014):" Ultrasonography and Pathological Evaluation of Cystic Endometrial Hyperplasia Pyometra Complex in Bitches and Queens with Related Ovarian Alterations. *Global Veterinaria*, 13 (1): 60-67.

7- Faten.F.Mohammed,Tohamy A.Fathy ,Nashwa A. Abu Aita (2014): Toxicopathologicaland genotoxicpotential of Perfluorooctanoic acid administration in albino rats. *Egypt. J. Comp. Path &Clinic Path.* Vol.27 No.1, 1- 17 ISSN 1110-7537.

8- Awaad, M. H. H.; Basma Shalaby; Manal. A. Aly; Sahar A. Zoulfakar; M. El-Deab; and Faten F. Mohammed (2014): Effect of Lactobacillus Acidophilus, Lactobacillus Acidophilus Plus Pichia Anomola and Lactobacillus Acidophilus Plus Pichia Anomola Plus Bacteriophage on Immune Responsiveness, Intestinal Enumeration of Clostridium Perfringens, Salmonella Typhimurium, Colisepticaemia, and Gut Integrity of Broiler Chickens. *Journal of Agriculture and Veterinary Science.*2014: Volume 7, Issue 7 Ver. I (July. 2014), PP 59-65.

9- Heba Mohamed Fahmy, Neveen A Noor, Faten F Mohammed, Anwar A Elsayed, Nasr M Radwan.(2014): Nigella sativa as an anti-inflammatory and promising remyelinating agent in the cortex and hippocampus of experimental autoimmune

encephalomyelitis-induced rats. The Journal of Basic & Applied Zoology (2014) 67, 182–195.

10-Mohamed Ibrahim Shaalan, Magdy M El-Mahdy, Faten F Mohammed and Taher A Salah El-Din .(2014) : Pathological and clinicopathological studies on the effect of I/P injection of silver nanoparticles in rats. J Veterinary Sci Technolo , 5:3 2nd International Conference on Animal & Dairy Sciences.

11- Manar, M. A. Farag, Faten. F. Mohammed and Amany, A. Salem1.(2014): Effect of different beef sausage formulas on rat liver with focusing on their nitrosodiethylamine content. Life Science Journal 2014;11(12).

12- Magdy Mohamed El Mahdy, Taher Ahmed Salah Eldin, Halima Sayed Alyd,Faten Fathy Mohammed, , Mohamed Ibrahim Shaalan .(2015): Evaluation of hepatotoxic and genotoxic potential of silvernanoparticles in albino rats. Experimental and Toxicologic Pathology 67 , 21–29.

13-Heba M Fahmy, Faten F Mohammed, Radwa T Abdelrahman1, Mariem M Abu Elfetoh1 and Yomna A Mohammed(2015): Effect of Radiofrequency Waves Emitted From Conventional WIFI Devices on Some Oxidative Stress Parameters in Rat Kidney. J Drug Metab Toxicol 2015, 6:5.

14- Khelfa D.G., Madian K., 3 El-Meneisy A. A., Faten F. Mohammed and Heba M. Salem(2015): Field and Laboratory Diagnosis of *C. perfringens* Enteric Infection among Rabbit Flocks in Egypt. Middle East Journal of Applied Sciences. Volume : 5 | Issue : 01 | Jan-Mar. | 2015 Pages: 252-261.

15- Neveen A Noor, Heba M Fahmy, Faten F Mohammed, Anwar A Elsayed, Nasr M Radwan(2015): *Nigella sativa* ameliorates inflammation and demyelination in the experimental autoimmune encephalomyelitis-induced Wistar rats. Int J Clin Exp Pathol .;8(6):6269-6286

16-Faten F. Mohammed , Hanaa Hani Muhammad1, Amal Said Sahat, Eldessouky Sheta and Iman B. Shaheed(2016):Evaluation of canine amniotic membrane as a biological dressing for deep cutaneous wound in rabbit. Egypt. J. Comp. Path &Clinic Path. Vol. 29 No.1; 61- 74

17-M.H.H. Awaad, Wafaa A. Abd El-Ghany, S.A. Nasef, Medhat S. El-Halawany, Faten F. Mohammed and Ahmed F. Gaber (2016): Effect of Na-butyrate Supplementation on Electromicroscopy, Virulence Gene Expression Analysis and Gut Integrity of Experimentally Induced *Salmonella enteritidis* in Broiler Chickens. Asian Journal of Poultry Science. ISSN 1819-3609
DOI: 10.3923/ajpsaj..

18- MHH Awaad, MAA Afify, SA Zoulfekar, Faten F Mohammed, MA Elmenawy and HM Hafez (2016): Modulating Effect of Peppermint and Eucalyptus Essential Oils on vVND Infected Chickens. Pak Vet J, 36(3): 350-355.

19-Nabil A. El-Yamanya, Faten F. Mohammed, Taher A. Salaheldind, Amany A. Tohamy, Walaa N. Abd El-Mohsen, Adel S. Amin (2017): Graphene oxide nanosheets induced genotoxicity and pulmonary injury in mice. *Experimental and Toxicologic Pathology*.

20- OLFAT A. MAHDY¹, SAHAR Z. ABDEL- MAOGOOD¹, FATEN F. MOHAMMED AND MAI A. SALEM¹(2017): effect of *verbena alternifolia* and *mentha piperita* oil extracts on newly excysted metacercaria of *euclinostomum heterostomum* (rudolphi, 1809) (digenea: *clinostomatidae*) from naturally infected kidneys of *tilapia zillii* in Egypt. *Journal of the Egyptian Society of Parasitology*, Vol. 47, No. 3, J. Egypt. Soc. Parasitol. (JESP), 47(3), 2017: 513 – 521.

21-Magid M. Elgumaa¹, Faten. F. Mohammed^{2*}, Magdy M. Elmady³, A. M. Baker³, and Mokhtar H. Gad⁴.(2017) : Pathological Characterization of Renal Lesions Developed in Some Ruminant Species in Egyptian Slaughter House. *RJPBCS* 8(3) Page No. 1867.

22-Shaymaa Ismaiel Salem, 1Abeer Ahmed Abd El-Baky and 2Faten Fathy Mohammed (2017): Cytoprotective Effect of Silymarin on Cisplatin Induced Hepatotoxicity and Bone Marrow Toxicity in Rats. *Asian Journal of Animal Sciences*. ISSN 1819-1878 -DOI: 10.3923/ajas.2017.140.152.

23-Abeer A. Abd El-Baky¹, Shaymaa I. Salem¹ and Faten F. Mohammed²(2017): Potential renoprotective effect of Silymarin against Amikacin-Induced acute nephrotoxicity in rats. *Bioscience Research*, 2017 volume 14(4): 993-1004 .

24-Faten. F. Mohammed¹, Reda M S Korany¹, Ayat E Rizk², and A B El-Sayed(2017): The Ameliorating Potential of Spirulina Platensis and Kareish Cheese against Lead- Induced Hepatic and Renal Damage in Rats. *Egypt. J. Comp. Path & Clinic Path*. Vol. 30 No.1, 2017; 1- 15 .ISSN 1110-7537.

25- Sahar M. Mahmoud^{1*} and Faten F. Mohamed (2018): Impact of ginger dry powder and its methanolic extract on normal and potassium dichromate renal injured rats world journal of pharmacy and pharmaceutical sciences. Volume 7, issue 1, 1480-1515.

26-Gabr SA¹, Zahran F², Mohammed Faten F.³, Hassanin WF¹, Sharoud MN¹, and Mesalam NM¹.(2018): Therapeutic Effect of Camel Milk Against Hepatotoxicity Induced by CCl₄ in Rats. *RJPBCS* 9(1) Page No. 601.

27- S. R. Eman¹, A. A. Kubesy¹, T. A. Baraka¹, F. A. Torad², I. S. Shaymaa³ and Faten F. Mohammed (2018): Evaluation of hepatocyte-derived microRNA-122 for diagnosis of acute and chronic hepatitis of dogs. *Veterinary World*, EISSN: 2231-0916 .

28-Heba Mohamed Fahmya, Engy Abd El-Malek Saeed Saadb, Neveen Moustafa Sabrab, Amal Ahmed El-Goharyb, Faten Fathy Mohamedc, Mohamed Hassaneen Gabera(2018): Treatment merits of Latanoprost/Thymoquinone – Encapsulated liposome for glaucomatus rabbits. *International Journal of Pharmaceutics*. 548 ,597–608.

29-Mohamed Fathi1*Samaa M Galal , Ismail ST , ElBelely MS , Faten F Mohamed(2018): Clinical diagnosis and surgical approaches of vaginal hyperplasia in bitches. Asian Pacific Journal of Reproduction 2018; 7(5): 220-224.

30- Awaad MHH^{1*}, MA Elmenawey², MM Bashandy³, FF Mohamed⁴, HM Salem¹, EA Morsy¹ and T Gossens (2018): Heat Stress Impedance by Acidifiers in Broiler Chickens. ACTA SCIENTIFIC MEDICAL SCIENCES. Volume 2 Issue 9 December 2018.

31 -Mona M. HashemI, Maha M. Salama, Faten F. Mohammed, Adel F. Tohamy,Kadriya S. El Deeb(2019):-Metabolic profile and hepatoprotective effect of *Aeschynomene elaphroxylon* (Guill. & Perr.). PLOS ONE | <https://doi.org/10.1371/journal.pone.0210576> January 10, 2019.

32- Awaad M. H. H1., M. Elmenawey2, B. Shalaby3, F. F. Mohamed1, A. M. Nada3, H. Salem1, E. A. Morsy1 and S. Lopez4(2019): Opposing of Necrotic Enteritis by Phytonutrients and/or Acidifiers in Broiler Chickens. IOSR Journal of Agriculture and Veterinary Science. e-ISSN: 2319-2380, p-ISSN: 2319-2372. Volume 12, Issue 3 Ser. I (March 2019), PP 12-21.

33- Awaad M. H. H1., M. A. Elmenawey2, F. F. Mohamed1, E. A.Morsy1,H. M. Salem1,A.A. Nada3, A. S. Hafez3, E. Chevaux4 and V. Demy4(2019): Drug-Independent Control Strategy of Coccidiosis in Broiler Chickens Using Prebiotic, Probiotic and Symbiotic. IOSR Journal of Agriculture and Veterinary Science. e-ISSN: 2319-2380, p-ISSN: 2319-2372. Volume 12, Issue 3 Ser. I (March 2019), PP 22-33.

34- Awaad M. H. H1., S. A. Zoelfekar1, M. S. Elhalawaney2, E.A. Morsy 1, F. F. Mohammed and R. M. El-Refay (2019): The Impact of Sodium-Butyrate Microencapsulated in Balm Fat in Impedance of Colisepticaemia in Broiler Chickens. IOSR Journal of Agriculture and Veterinary Science.

35- Awaad1 M.H.H., H.M.M Salem1, E.A. Morsy1, F.M. Fathy2, Y.M.H.Awaad3 and G.A. Abdel-Alim1(2019): Influence of Bovine IGG-Rich Fraction on Growth Promotion, Gut Health and Clostridium Perfringens Enumeration in Necrotic Enteritis Infected Broiler Chickens. IOSR Journal of Agriculture and Veterinary Science ,olume 12, Issue 3 Ser. II (March 2019), PP 58-69

36-Mohamed R Mousa1 , Faten F Mohammed1 , Hanan S Khalefah 2 , Ayman H El-Deeb3 and Kawkab A Ahmed1(2019): Comparative Serological, Histopathological and Immunohistochemical Evaluation of Immune Status of Broiler Chickens Experimentally Infected with Velogenic Newcastle Disease Virus in Different Ages. International Journal of Veterinary Science, i, 8(3): 143-150

37-Safaa Y. Sayed1 & Shaymaa I. Salem1 & Ahmed N. Abdallah2 & Ghada M. Khalil1 & Faten F. Mohammed3(2019) Clinicopathological studies on the use of laser-activated adipose-derived stromal vascular fraction in treatment of streptozotocin-induced diabetes in rats. Comparative Clinical Pathology, Volume 28, Issue 5, pp 1515–1526

38- Elmenawey MA, FA Mohammed, EA Morsy, GA Abdel-Alim and MHH Awaad, 2019. The impact of essential oils blend on experimental colisepticemia in broiler chickens. *Inter J Vet Sci*, 8(4): 294-299.

39-Fathy MM1, Fahmy HM2, Balah AMM1, Mohamed FF3, Elshemey WM(2019) Magnetic nanoparticles-loaded liposomes as a novel treatment agent for iron deficiency anemia: In vivo study. *Life Sci.* ;234:116787. doi: 10.1016/j.lfs.2019.116787. Epub 2019 Aug 21.

40- Awaad MHH, MA Elmenawey, MA Afify, SA Zouelfekar, FF Mohamed, M Elhariry, A Samir and V Demy, 2019. The impact of high stocking density and *saccharomyces cerevisiae boulardii* on productive performance, intestinal microbiota and gut integrity of broiler chickens. *Inter J Vet Sci*, 2019, 8(4): 362-370.

41- Mohammed, F.F., Mousa, M.R., Khalefa, H.S., El-Deeb, A.H., Ahmed, K.A,2019. New insights on neuropathological lesions progression with special emphasis on residence of velogenic newcastle disease viral antigen in the nervous system of experimentally infected broiler chickens. *Explor Anim Med Res*, Vol.9, Issue - 2, 2019, p. 145-157

42- Mohamed R. Mousa1 , Faten F. Mohammed1 , Fatma Amer Abdel rehem2 , Ayman H. El-deeb3 and Kawkab A. Ahmed (2020). Characterization of Renal Inflammatory Cytokines and Related Nephropathy in Experimentally Infected Broiler Chickens with Velogenic Newcastle Disease Virus. *J. World Poult. Res.* 10(1): 109-117.

43- Fahmy, H.M., Aly, E.M., Mohamed, F.F., Noor, N.A., Elsayed, A.A,2020 Neurotoxicity of green- synthesized magnetic iron oxide nanoparticles in different brain areas of wistar rats. *Neurotoxicology*,77:80-93.

44- Walid S. Awad1 & Amr A. El-Sayed1,2 & Faten F. Mohammed3 & Noha M. Bakry1 & Nadra-Elwgoud M. I. Abdou1 & Mohamed S. Kamel(2020):Molecular characterization of pathogenic *Escherichia coli* isolated from diarrheic and in-contact cattle and buffalo calves. *Tropical Animal Health and Production*
<https://doi.org/10.1007/s11250-020-02343-1>

45-Mohamed R. Mousa , Faten F. Mohammed, Ayman H. El-deeb , Hanan Saad Khalefa and Kawkab A. Ahmed (2020):Molecular and pathological characterisation of genotype VII Newcastle disease virus on Egyptian chicken farms during 2016–2018 . *Acta Veterinaria Hungarica*. Volume 68: Issue 2.,doi:<https://doi.org/10.1556/004.2020.00027>

46-Fahmy, H.M., Mohammed, F.F.(2021):Hepatic injury induced by radio frequency waves emitted from conventional Wi-Fi devices in Wistar rats. *Human and Experimental Toxicology*, 40(1), pp. 136–147.

47-Fahmy, H.M., Abd El-Daim, T.M., Ali, O.A., Mohammed, F.F., Fathy, M.M.(2021):Surface modifications affect iron oxide nanoparticles' biodistribution after multiple-dose administration in rats.*Journal of Biochemical and Molecular Toxicology*, 35(3), e22671.

48-Awaad, M.H.H., Moustafa, K.M.E., Zoulfakar, S.A., . El-Refay, R.M., Morsy, E.A.(2021):The role of silver nanoparticles in the reluctance of colisepticemia in broiler chickens.**Journal of Applied Poultry Research, 30(2), 100155**

49-Abdelhady, A.Y., El-Safty, S.A., Hashim, M., Elbaz, A.M., Abdel-Moneim, A.-M.E (2021):Comparative evaluation of single or combined anticoccidials on performance, antioxidant status, immune response, and intestinal architecture of broiler chickens challenged with mixed Eimeria species.**Poultry Science, 2021, 100(6), 101162.**

50-Abdel-Sabour, M.A., Rohaim, M.A., Salman, O.J.A., .Abdel-Wanis, N.A., Munir, M(2021):Immunogenicity and efficacy of a bivalent vaccine against infectious bronchitis virus(2021): **Comparative Immunology, Microbiology and Infectious Disease** 2021, 77, 101670.

51-Mousa, M.R., Mohammed, F.F., El-Deeb, A.H., Amer, F., Ahmed, K.A.(2021): Pathological Monitoring Of Visceral Lesions Induced By Velogenic Newcastle Disease In Experimentally Infected Broiler Chickens At Different Ages With Special Reference To Pulmonary Inflammatory Cytokines Expression. *Exploratory Animal and Medical Research*, 2021, 11(1), pp. 67–79.

52-Abdelgalil, A.I., Mohammed, F.F.(2021):Clinical, ultrasonographic and histopathological diagnosis of ceruminous gland tumors in cats. *Veterinary Research Forum*, 12(3), pp. 277–281.

53-Abdelrazik, E.G., Mohammed, F.F., Abdelgayed, S.S.(2022):Novel Insights on the Pancreatic Toxicity Induced by Chronic Acesulfame-K Exposure in Rats.*Pakistan Veterinary Journal* , 42(1), pp. 53–58.

54-Moustafah, Y., Mohammed, F.F., Elmosalamy, S., ...F.Tohamy, A., Hassan, N.R.A.(2022):Dysregulation of NrF2 expression mediates testicular injury and infertility in 3-monochloro-1,2-propandiol-intoxicated rats with special reference to accessory gland-related pathology., 29(27), pp. 41140–41150.

55-Fahmy, Heba M.,Ahmed, Mostafa M.Mohamed, Ayman S.Shams-Eldin, Eng Abd El-Daim, Taiseer M.,El-Feky, Amena S.,Mustafa, Amira B.Abd Alrahman, Mai W., Mohammed, Faten F.Fathy, Mohamed M (2022):Novel lipid-coated mesoporous silica nanoparticles loaded with thymoquinone formulation to increase its bioavailability in the brain and organs of Wistar rats. *BMC Pharmacology and toxicology*, 2022, 23(1), 71.

56-Sara Mohamed. Hashim , Elshaimaa Ismael , Mohamed Tarek , Faten Fathy Mohammed, Fatma Amer Abdel Reheem , Rawhia Esawy Doghaim(2022): Genetic Characterization and Pathological Evaluation of Clade 2.3.4.4b Avian Influenza Virus(H5N8) in Naturally Infected Domestic Ducks in Egyptian Farms. Under publication in AAS JOURNAL.

57-Tharwat EK, Abdelaty AO, Abdelrahman AI, Elsaed H, Elgohary A, El-Feky AS, Ebrahim YM, Sakraan A, Ismail HA, Khadrawy YA, Aboul Ezz HS, Noor NA, Fahmy HM, Mohammed HS, Mohammed FF, Radwan NM, Ahmed NA. Evaluation of the therapeutic potential of cerebrolysin and/or lithium in the male Wistar rat model of Parkinson's disease induced by reserpine. *Metab Brain Dis.* 2023 Jun;38(5):1513-1529. doi:

10.1007/s11011-023-01189-4. Epub 2023 Feb 27. PMID: 36847968; PMCID: PMC10185619.

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