

Curriculum Vitae

Personal Information

Name: Rania Helmi Abdou
Title: Lecturer
Date of birth: March 20. 1973
Place of birth: Mnoufya - Egypt
Citizenship: Egyptian



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Educational Qualifications

BVSc., Faculty of Veterinary Medicine, Suez Canal University, (1995)
Master of Forensic Medicine and Toxicology (Suez Canal University in 2003).
Ph. D. of Forensic Medicine and Toxicology, Graduate School of Gifu (Tokyo University of Agriculture and Technology in 2010).

Academic Positions

- ⇔ Scholar in Forensic Medicine and Toxicology department, Faculty of Veterinary Medicine, Suez Canal University (1997).
- ⇔ Demonstrator in Forensic Medicine and Toxicology department, Faculty of Veterinary Medicine, Suez Canal University (1998).
- ⇔ Assistant Lecturer in Forensic Medicine and Toxicology department, Faculty of Veterinary Medicine, Suez Canal University (2003).
- ⇔ Teaching assistant in Tokyo university of agriculture and technology (2005-2010)
- ⇔ Lecturer in Forensic Medicine and Toxicology department, Faculty of Veterinary Medicine, Suez Canal University (2010 -2015).

- ⇔ Ass.Professor and the head of Forensic Medicine and Toxicology department, Faculty of Veterinary Medicine, Suez Canal University (Since 2015 and up till 2020).

⇔ Professor and the head of Forensic Medicine and Toxicology department, Faculty of Veterinary Medicine, Suez Canal University (Since 2020 and up till 2022).

⇔ Professor of Forensic Medicine and Toxicology department & vice dean of postgraduate and researches, Faculty of Veterinary Medicine, Suez Canal University (Since 5 April 2022 and up till now).

Thesis Title

M. Sc. Toxicological studies on Butylated Hydroxy Toluene “Antioxidant” in male albino rates.

Ph. D. Effects of several pesticides on the activities of Cytochrome P450 in rats

Areas of experience:

- Forensic Medicine and Toxicology,
- Toxicokinetic of veterinary xenobiotic,
- Toxicological risk assessment.,
- Environmental pollution,
- Estimation of xenobiotic residues in animal biological fluids and tissues.
- Determination of xenobiotic pharmacokinetics in animals.
- Assaying of cytochrome P450 activities (Hepatic total CYP contents, CYP 1A1, CYP 1A2, CYP 2D6, CYP 2C9, CYP 2C19, CYP 2A4).
- Measuring of liver and kidney functions (ALT, AST, bilirubin, ALP, Urea, Creatinine, , , etc).
- Measuring of different biomarkers of oxidative stress.
- Handling and breeding of laboratory animals (Mice, rats, G. pigs, rabbits, etc).

Projects

A project funded from Academy of scientific research

Awards: Award of excellence yearly from 1990 to 1995 at the Faculty of Veterinary Medicine – Suez Canal University – Egypt

Second student graduated rank at the Faculty of Veterinary Medicine – Suez Canal University – Egypt

Doctoral scholarship (4 years) at the laboratory of pharmacology, Tokyo University of Agriculture and Technology, Japan.

Award of excellence in performance from the Faculty of veterinary medicine Suez Canal University, **Academic year 2014/2015**

Award of international publication from the Suez Canal University, **Academic year 2014/2015**

Scientific Excellence Award from the General Syndicate of Veterinarians 2015

Award of excellence in participating in activities of Community Service and Environmental Development Sector from the Faculty of veterinary medicine Suez Canal University, **Academic year 2015/2016**

Award of the best **abstract** in the 3rd student scientific conference of the Faculty of veterinary medicine Suez Canal University, **11 April 2016**

Award of the second best **abstract** in the 5th student scientific conference of the Faculty of veterinary medicine Suez Canal University, **2018**

Award of the best **abstract** in the 6th student scientific conference of the Faculty of veterinary medicine Suez Canal University, **2019**

Award of international publication from the Suez Canal University, **Academic year 2020/2021**

Research Excellence Award from Suez Canal University 2021

Award of the best **abstract** in the 8th student scientific conference of the Faculty of veterinary medicine Suez Canal University, **2022**

Professional Qualifications

Conferences:

International conferences:

1. A sharing member with a research paper in the 11th international congress of the European Association for Veterinary Pharmacology and Toxicology in Leipzig, Germany 12-16 July 2009.
2. A sharing member with a research paper in the 148th meeting of the Japanese society of Veterinary Science. Tottori, Japan 25-27 September 2009.
3. Participate with a research paper in the Tunisian scientific day of Ibn Khaldon association in Tokyo University. Japan 31 October 2009.
4. Participate in Final IREIIM symposium (International research and educational institute for integrated medical science) held in Tokyo women's medical university in Feb. 8th, 2010.
5. A sharing member in the 5th international conference of the Egyptian society of natural toxins 17-19 December 2012.
6. A sharing member in the 7th international scientific conference of the Faculty of veterinary medicine Suez canal University, 4-6 December 2012
7. A sharing member with a research paper in the 8th international scientific conference of the Faculty of veterinary medicine Mansura

University with cooperation with university of veterinary medicine Hannover- Germany, 6-8 September 2014.

8. A sharing member with a research paper in the 8th international scientific conference of the Faculty of veterinary medicine Suez canal University 27-30 November 2014
9. A sharing member in the international scientific conference "Risk assessment application in food matrix and feed and its impact on human and animal health". 3-4 May, 2015. Cairo University in corporation with Agriculture research center, United states environmental protection agency (US-EPA) and University of Louisville, USA.
10. Attendance of scientific International conference "Future prospects for veterinary medicine in sustainable development". Faculty of veterinary medicine Benha University, Sharm El Sheikh, Egypt. 31th July – 4th August, 2018.

Local Conferences and workshops:

- Participate in a symposium "Fish farming in Sinai and Suez canal region, problems and solutions" May 2010.
- Participate in the proposal writing workshop for PhD candidates of DAAD, 6th June 2010
- A sharing member in the First workshop of Mycology (Fungi in the twenty-first century), Faculty of science, Suez canal university 19 December 2010
- Organization and participation in workshop "Modern techniques in the treatment of pathogenic fungi", 27-28 Feb. 2012.
- Participate in the symposium of the veterinarian syndicate of Port Said "Zoonotic viral diseases", April 2012.

- A sharing member in the workshop "Risk assessment as a critical tool for everyday challenges". 17-19 May, 2012. Cairo University in corporation with United states environmental protection agency (US-EPA).
- Organization and participation with two abstracts in 1st Young Researchers Conference of Suez Canal University, 6-7 March. 2013.
- A sharing member in the workshop "Modern concepts in molecular biology, PCR fundamentals and its applications". 11-13 April, 2013.
- Scientific supervision in the 1st student scientific conference of the Faculty of veterinary medicine Suez canal University, **14 April 2014**
- Coordinator of the 2nd student scientific conference of the Faculty of veterinary medicine Suez canal University, **6 April 2015**
- A sharing member in the workshop: Research Ethics and misconducts. Faculty of veterinary medicine Suez Canal University, 11 August 2015.
- A sharing member in the biological application workshop: EndNote web and introductory of bioinformatics, Faculty of science, Suez Canal university 16 August 2015.
- Organization of the workshop breeding and management of broilers. Faculty of veterinary medicine Suez canal university, 16 June 2015.
- A sharing member in the BUCUM short course "Internationalization". Suez canal university, 11-12 October 2015.
- A sharing member in the BUCUM short course "Soft skills and personal planning". Suez canal university, 26-27 October 2015.
- Organization and co-chairman in 2nd Young Researchers Conference of Suez Canal University, 24-25 October. 2015.
- A sharing member in the workshop: How to prepare a manuscript for international publication. Faculty of Nursing Suez Canal University, 14 February 2016.
- A sharing member in the 1st annual conference of the faculty of medicine, Port Said university "Evidence based medicine", Helnan Port Said. 24-25 March 2016.
- Organization of the scientific meeting "Blood parasites in farm animals and Pet animals surgery", Port Said. 8 March 2016.

- Organization of the training course "Food safety ISO 22000) Faculty of veterinary medicine Suez Canal university, 12-14 March 2016.
- Coordinator of the 1st student scientific conference of the department of Forensic medicine and Toxicology, Faculty of veterinary medicine Suez canal University, 22 March 2016
- Coordinator of the 3rd student scientific conference of the Faculty of veterinary medicine Suez canal University, 11 April 2016
- A sharing member in the workshop: Basics of writing scientific papers & international publication. TICO office Suez Canal University, 12 April 2016.
- Organization and reviewer in 3nd Young Researchers Conference of Suez Canal University, 7-8 May. 2016.
- Participating and organization of workshop "Introduction to R programe" Central lab, Faculty of veterinary medicine Suez canal University, 20 October 2016
- Participating and organization of workshop "PCR professional" Central lab, Faculty of veterinary medicine Suez canal University, 7-8 November 2016
- Participating and organization of workshop "Basic graphics with R programe" Central lab, Faculty of veterinary medicine Suez canal University, 21-23 November 2016
- Participating and organization of workshop "Biostatistics with R programe" Central lab, Faculty of veterinary medicine Suez canal University, 28-30 November 2016
- Participating and organization of workshop "Correlation and regression with R programe" Central lab, Faculty of veterinary medicine Suez canal University, 18-19 December 2016
- Participating and organization of workshop "Applications of nanotechnology in scientific research" Central lab, Faculty of veterinary medicine Suez canal University, 26 December 2016
- Participating and organization of workshop "Advanced graphics with R programe" Central lab, Faculty of veterinary medicine Suez canal University, 27-28 December 2016

- Organization of meeting " the role of Egyptian women between real and hope" 8 March 2017
- Coordinator of the 2nd student scientific conference of the department of Forensic medicine and Toxicology, Faculty of veterinary medicine Suez canal University, 20 March 2017
- Coordinator of the 4th student scientific conference of the Faculty of veterinary medicine Suez canal University, April 2017
- Attendance of seminar " The principle and uses of loop mediated isothermal amplification (LAMP) for rapid pathogenic detection, 12 April 2017
- Organization, reviewer and chairperson in 4th Young Researchers Conference of Suez Canal University, 29-30 April. 2017.
- Trainer in the workshop "High performance thin layer chromatography (HPTLC) and its applications". 12-13 November, 2017.
- Participating in module "Managing innovation in Academia" DAAD Cairo. 6 March, 2018.
- Participating in distinction "To be professional in Endnote". 14 March, 2018.
- Coordinator of the 3rd student scientific conference of the department of Forensic medicine and Toxicology, Faculty of veterinary medicine Suez canal University, March 2018
- Secetary and supervisor on student researches in the 5th student scientific conference of the Faculty of veterinary medicine Suez canal University, April 2018
- Presenting an article in oral session of 1st postgraduate scientific conference of Faculty of veterinary medicine Suez canal University. 30 October, 2018
- Coordinator of the 4th student scientific conference of the department of Forensic medicine and Toxicology, Faculty of veterinary medicine Suez canal University, 2019
- Organization of training course "Western blotting in protein identification". 20-21 February, 2019

- Participating in the second annual conference of Suez Canal University for innovation, Entrepreneurship and technology transfer. 6-7 March, 2019
- Participating in the workshop "innovation" of Suez Canal University. 7 March, 2019
- Secertary and supervisor on student researches in the 6th student scientific conference of the Faculty of veterinary medicine Suez canal University, April 2019
- Attendance of scientific meeting "Comprehensive model of different uses of marine algae". Faculty of veterinary medicine Suez Canal University 20 January, 2020.
- Attendance and organization of workshop "Recent advanced techniques for general analysis and green technology". Faculty of veterinary medicine Suez Canal University 24 February, 2020.
- Trainer in the workshop "Principles of Chromatography (HPLC& HPTLC) and its applications". 9-10 December, 2020.
- Secertary and supervisor on student researches in the 7th student scientific conference of the Faculty of veterinary medicine Suez Canal University, 11 April 2021.
- Oral session Chairman in 3rd postgraduate scientific conference "Scientific research: challenges, creation and sustainability) Faculty of veterinary medicine Suez Canal University, 7 April. 2021.
- Participating in the online webinar "Introduction to measurement and assessment" Faculty of veterinary medicine Suez Canal University, 28 April. 2021.
- Reviewer of the 1st student scientific conference of the "veterinary drugs and medical preparations program" Faculty of veterinary medicine Suez Canal University, 2021.
- Organization of the workshop "Principles of dose calculation in experimental animal research". Faculty of veterinary medicine Suez Canal University, 21 June 2021.

- Secretary and supervisor on student researches in the 8th student scientific conference of the Faculty of veterinary medicine Suez Canal University, 9 March 2022.
- Trainer in the training programs of the General Authority for Fisheries and the Food and Agriculture Organization of the United Nations (FAO), related to strengthening the governance of biosecurity for aquaculture in Egypt (over 15 weeks, three training sessions, each session five weeks). 2022
- Participation in organizing a symposium entitled "Climate Changes and Their Impact on Fish Expansion in Egypt". Faculty of Veterinary Medicine, Suez Canal University, in cooperation with the General Authority for Fisheries and the Animal Health Research Institute, and under the auspices of the Food and Agriculture Organization of the United Nations (FAO), May 19, 2022.
- Attending a symposium on "The Irrational Use of Medicines Most Common in Society" Suez Canal University 17-18 July 2022.

Training courses:

- ⇔ 2005: Obtained International Computer Driving License (ICDL).
- ⇔ 2010 : SCIENTIFIC RESEARCH ETHICS
- ⇔ 2010 : PROPOSAL WRITING WORKSHOP (DAAD).
- ⇔ 2011 : Photoshop training course
- ⇔ 2011 : Advanced power point course
- ⇔ 2011 : EXTERNAL EVALUATION COURSE FOR ORGANIZATION OF HIGHER EDUCATION
- ⇔ 2011 : EDUCATION RESULTS COURSE AND SYLEBUS MAPS OF HIGHER EDUCATION.

⇔ 2011: SELF ESTIMATION COURSE FOR ORGANIZATION OF HIGHER EDUCATION

⇔ 2012: Course of "General chromatography and new technique of the HPTLC (HPTLC, MS).

⇔ 2017: Course of "HPTLC Scanner".

⇔ 2017: Course of "Basic bio-safety and bio-security measures" 21-23 February.

⇔ 2017: Course of "Using data bases of Egyptian knowledge bank" 1 March.

⇔ 2018: Course of "Using data bases" 24 May.

⇔ 2018: Workshop entitled "Non- surgical and irreversible sterilization of animals" Faculty of veterinary Medicine, Benha University 19 December, 2018.

⇔ 2019: Training program in the field of "Governmental educational laboratories improvement in bio-safety and bio-security: ISO 21001, 2018" 16-19 July.

⇔ 2019: Workshop "Bioinformatics data analysis by Geneious software" Faculty of veterinary medicine, 26 November.

⇔ 2020: workshop "Recent advanced techniques for general analysis and green technology" 24 February.

⇔ 2020: Microsoft word training course 10-11 June.

⇔ 2020: Microsoft excel training course 13-14 June.

⇔ 2020: Endnote training course 15-16 June.

⇔ 2020: Training program "Question banks and electronic evaluation" 20-21 June.

⇔ 2020: Training program "Competitive Research Projects" 24-25 June.

⇔ 2020: Training program "Husbandry, handling and basic techniques in laboratory animals (5 modules online webinars-90 min each) twice /week from 29 June-13 July, 2020

⇔ 2020: The training course "Measurement and evaluation methods and the preparation of the optional vocabulary" online October 26, 2020.

⇔ 2021: The training program in the field of "Biosafety and biosecurity in biological laboratories" iso 21001:2018. 28-29 June, 2021.

Computer Skills: - Knowledge and ability to use most of windows software applications include Microsoft Offices preparation. Screen presentations using PowerPoint in addition to statistical analysis using different computer statistical programs.

⇔ Obtained International Computer Driving License (ICDL).

⇔ Photoshop

⇔ Advanced PowerPoint

⇔ Professional use of Microsoft word, excel, endnote and statistical analysis programs

Language Skills: - Toefl internet based test (100 equivalent to score 600)

- Institutional Toefl (score 574)

- Fair speaking of Japanese language

Professional Memberships

- ⇔ Founder member of Scientific Egyptian Society of Veterinary Pharmacology Experts (SESVPE).
- ⇔ Founder member of the Society of social and environmental services in Saint Katherine
- ⇔ Member of Egyptian Society of Natural Toxins.
- ⇔ Member of Baladi Society.
- ⇔ Member of Egyptian student association in Japan.
- ⇔ Member of Ibn-Khaldun foundation, Tunisia.
- ⇔ Member of Japanese Society of Veterinary Science.
- ⇔ Member of Egyptian Society of environmental toxins
- ⇔ Member of Arab Society for Fungal conservation

Other activities

- Teaching of veterinary Forensic Medicine and Toxicology for the fourth grade student in Faculty of Veterinary Medicine, Suez Canal University, 1997- up to date.
- Teaching of veterinary Forensic Medicine and Toxicology for the post graduates in Faculty of Veterinary Medicine, Suez Canal University, 2010- up to date.
- researcher in Department of Veterinary Medicine, Faculty of Agriculture, Tokyo University of Agriculture and Technology, Japan, 2005.

- Assisting teacher in Department of Veterinary Medicine, Faculty of Agriculture, Tokyo University of Agriculture and Technology, Japan, 2005-2010.
- Director of the graduates follow up unite of the faculty of veterinary medicine, Suez Canal University.
- A member of the Council committee of the faculty of veterinary medicine, Suez Canal University.
- A member in the committee of instruments and laboratories affair of the faculty of veterinary medicine, Suez Canal University 2010-2011.
- A member in the committee of student affair of the faculty of veterinary medicine, Suez Canal University 2011-2014.
- A member in the committee of environment affair of the faculty of veterinary medicine, Suez Canal University 2014 till 2015.
- Coordinator of the Forensic Medicine and Toxicology department in the quality assurance unite of the faculty of veterinary medicine, Suez canal university
- A member of the scientific publication committee of Suez canal university
- Chairman of the Conferences and Seminars Committee in the Academic Support Office of the faculty of veterinary medicine, Suez Canal University until 2022
- Coordinator of the Young Researchers Committee at the University 2016/2017
- Assistant technical manager of central lab committee of the faculty of veterinary medicine, Suez Canal University 2015-2019.
- Participate in evaluation and exam preparation for the fourth grade student in Faculty of Veterinary Medicine, Suez Canal University, 1997-up to date.

- Participate in evaluation and exam preparation for the post graduates student in Faculty of Veterinary Medicine, Suez Canal University, 2010-up to date.
- Participate in Control works in faculties of veterinary medicine and pharmacy, Suez Canal University 2010-up till now.
- Participate in oral evaluation of students in faculties of veterinary medicine, Suez Canal, Beni swif and Kafr El Sheikh, Benha, Zagazig, Mansura Universities.
- Teaching toxicology for the fifth grade students of pharmacy, Suez Canal University 2014/2015.
- A member in the committee of post graduate studies affair of the faculty of veterinary medicine, Suez Canal University 2015 till now.
- Chief Participant in Control works in faculty of Nursing, Suez Canal University 2015/2016
- Supervision and judgment of master and PhD thesis in Faculty of Veterinary Medicine, Suez Canal University 2014 up to now.
- Represent the Forensic medicine and toxicology department in the student scientific association of the Faculty of Veterinary Medicine, Suez Canal University
- ***Coordinator of*** student scientific and technology committee 2016/2017
- Participate in Control works in the institute of Nursing, Suez Canal University 2019/2020
- Participate in Control works of post graduates in faculty of veterinary medicine 2018 faculty of veterinary medicine, Suez Canal University till 2022
- Manager of central lab committee of the faculty of veterinary medicine, Suez Canal University 2019 till 2022.
- Secretary of the Council committee of the faculty of veterinary medicine, Suez Canal University 2020,2021 till March 2022.

- Participate in the college accreditation by the National Quality Assurance Authority 2014-2019 as a member of the administrative standard
- Participate in the college accreditation by the National Quality Assurance Authority 2020-2025 as a head of the administrative standard
- Participation in the evaluation of capstone projects for schools of excellence in science and technology (STEM) from 2018 to 2022.
- Member of the listening committee for applicants for the position of assistant lecturer and lecturer specializing in fish health and diseases in the Department of Aquaculture and Biotechnology, Faculty of Aquaculture and Marine Fisheries - Arish University January 19-20, 2022
- Vice dean of postgraduate studies and researches in faculty of veterinary medicine, Suez Canal University from 4 April 2022 till now.
- Participate in preparing the book of the faculty achievements 2020/2021&2021/2022
- Participate in updating the faculty research plan according to the university research plan and Egypt vision 2030.
- The coordinator of the faculty in Egypt Government Excellence Award 2022.

- ***List of publications***

1. Abdou RH, Khalil WF, Shah SS, Sumikawa Y, Sasaki K, and Shimoda M. Effects of several pyrethroids on hepatic cytochrome P450 activities in rats. *J. Vet. Med. Sci.* 72(4): 425–433, 2010
2. Shah SS, Sasaki K, Hayashi Y, Motoyama S, Helmi AR, Khalil WF, Shimoda M. (2009). Inhibitory effects of ketoconazole, cimetidine and erythromycin on hepatic CYP3A activities in cats. *J Vet Med Sci.* 71:1151-9.
3. Kawther .A.El-Wahed, Mohamed .M.F. , Abd El-Hamied .A.K , Ali.S.M, and Rania.H.Abdou. (2004) Toxicity of the antioxidant butylated

hydroxytoluene (BHT) in adult male RAT. *Minufiya vet. J.* Vol 3 no., 2:489-508.

4. Abdou Rania H. and W.F. Khalil "Protective effects of vitamin E and selenium on cadmium acute liver toxicity in adults male rabbits". *SCVMS, VOLUME 17, NO. (1), 2012.*
5. Abdel-Daim M M. and Abdou R H. "Protective effects of diallyl sulfide and curcumin separately against thallium-induced toxicity in rat.", *Cell Journal (Yakhteh), Vol: 17, No(2): 377-386, 2015.*
6. Abdou RH and Abdel-Daim MM. Alpha-lipoic acid improves acute deltamethrin-induced toxicity in rats. *Can J Physiol Pharmacol.* 2014 Sep;92(9):773-9.
7. Abdou Rania H. "Effects of the non-steroidal ecdysone agonist, tebufenozide, on liver CYP activities". The 8th international scientific conference of the faculty of veterinary medicine, Mansura university with cooperation with the university of veterinary medicine, Hannover-Germany, pp: 369-382. September, 2014.
8. Rania H. Abdou, Abdelaziz E. Ibrahim. Effects of Egyptian Cobra (*Naja Haje*) Venom on Post Mortem Changes and Some Biochemical Parameters in Rats. *Inter. J. Sci. Res.*, 4 (1): 45-49. 2015.
9. Elbadawy M, Sakiyama T, Abohatab R, Sasaki K, Shimoda M. Oral pharmacokinetics of the acidic drugs, diclofenac and sulfamonomethoxine in male Shiba goats. *J Vet Med Sci.* 2015; 77(1):21- 26.
10. Abdou, RH., Saleh SY., Khalil WF. Toxicological and biochemical studies on *Schinus terebinthifolius* concerning its hepatoprotective effect. *Pharmacognosy magazine*, 11(43):93-101. 2015.
11. Abdou, Rania H. Brain Injuries Induced by Experimental Renal Ischemia/ Reperfusion in rat. *GLOBAL JOURNAL FOR RESEARCH ANALYSIS*, 4(2): 90-93. 2015.
12. Abdou, Rania H, Fatma S. Abd El-Ghany, Ismail M Abdel-Nabi, Mohamed A. Abdel-Rahman. Toxicological Effects of the Horned Viper Venom *Cerastes cerastes* and their Neutralization with the Egyptian Scorpion *Androctonus Australis* Hemolymph . *Indian J. Appl. Res.*, 5 (3): 37-41. 2015.
13. Sohair Kasem, Abdelaziz E. Ibrahim, Abdou Rania H, and Kawther A. El Hady. In Vivo Toxicity Study of Malachite Green In Mice: Estimation of Hepatotoxicity, Oxidative Stress And Genotoxicity. *International Journal of PharmTech Research* 9 (3), 58-67, 2016

14. Waleed F. Khalil, Hazem M. Shaheen, Rania H. Abdou. Cefotiofur pharmacokinetics in Nile tilapia *Oreochromis niloticus* after intracardiac and intramuscular administrations. *Dis Aquat Org* 121, 29–35. 2016
15. Rania H. Abdou, Waleed F. Khalil, Walaa A. Basha and Waleed F. Khalil. Subacute Toxicity of Nerium oleander Ethanolic Extract in Mice. *Toxicol. Res.* Vol. 35, No. 3, pp. 233-239 (2019)
16. Sherine Abbas, Shereen M. Mahmoud, Abdou Rania Helmi and Kawthar Abdelwahed Elhady Considering Heal Promoters in Estimating Wound Age in Rats . *European Journal of Scientific Exploration* Vol. 2, No. 2, pp.1-17, 2019
17. Rania H. Abdou* , Noha Sayed. Antioxidant and Anti-Inflammatory Effects of Nano-Selenium against Cypermethrin-Induced Liver Toxicity. *Cell Bio.* Vol. 8, pp. 53-65, 2019
18. Abdou.Rania. Helmi*, Shereen.M. Mahmoud Topical Medication of Wound May Mislead the Medico-Legal Judgment. *SCVMJ*, XXIV. Vol (2), pp.329-345, 2019
19. Omnia E. Kilany , Waleed F. Khalil , Sherihan Mohamed El saied , Rania Abdou Helmi and I.M. Fares Comparative Hematological and Biochemical Studies on the Effect of Some Hepatoprotective Agents in Rats. *Egypt. Acad. J. Biolog. Sci. (B. Zoology)* Vol. 12(1) pp: 25-40(2020)
20. Omnia E. kilany*, Rania Abdou Helmi, I.M. Fares, and Manal M.A. Mahmoud.Effects of Chemical and Biological Anti-mycotoxins on Performance, Haematological, Biochemical and Immunological Parameters of Broiler Chickens during Aflatoxicosis. *Egypt. Acad. J. Biolog. Sci. (F. Toxicology & Pest control)* Vol. 12(1) pp. 141- 162 (2020)
21. Omnia E. Kilany*, Rania Helmi Abdou , Marwa A. El-Beltagy, and Hala M.F. Mohammad. Protective Effects of *Tribulus terrestris* Against Gentamicin Mediated Nephrotoxicity, Oxidative Damage and Apoptosis in Male Rats. *Egypt. Acad. J. Biolog. Sci. (B. Zoology)* Vol. 12(1) pp: 41-58(2020)
22. Abdou RH, Elbadawy M, Khalil WF, Usui T, Sasaki K, Shimoda M. Effects of several organophosphates on hepatic cytochrome P450 activities in rats. *J Vet Med Sci.* 2020; 82(5):598- 606.
23. Salah A M, Abdou R H, Nashwa A A M, Mosleh A M, Wael N G. Toxopathological Studies on Some Antimicrobial Drugs in Nile Tilapia (*Oreochromis Niloticus*) and Catfish (*Clarias Gariepinus*). *Open Acc J of Toxicol.* 2020; 4(2):555635. Pp: 65-74

24. Rania H. Abdou, Sherif Y. Saleh, Noha S. Abdelnaeim, Waleed F. Khalil. Toxicity assessment of a new polyherbal medicinal preparation in rats. *Current Topics in Toxicology*.2020; Vol. 16 pp: 73-82.
25. Y Reda, SM Mahmoud, RH Abdou, KA Elhady. Evaluation of Heavy Metal Residues in Poultry Farms in Ismailia Province. : *Egypt. Acad. J. Biolog. Sci. (B. Zoology)* Vol. 13(2) pp: 271-284(2021).
26. NTE suha Ahmed Ghareeb, Ali Meawad Ahmed, Rania abdou Helmy. A comparison of antibiotics and hormone-like anabolic agents' residuals in chicken meat and their offal under two different country legislation. *Alexandria journal of veterinary sciences* 68 (1), 62-70. 2021.
27. Aya Salama Kamel, Ali Meawad Ahmed, Rania Helmy Abdou, and Heba M. Shaheen. Qualitative and Quantitative Evaluation of Antibiotic Residues in Broiler Meat. *SCVMJ, XXVII (1) 2022*. pp: 1-13.
28. HM Shaheen, AM Ahmed, HA Abdelrahman, RHA Abdou, ASM Kamel. Influence of simmering and frying on tetracycline residues detected in broiler chicken meat. *Adv. Anim. Vet. Sci* 10 (4) 2022, 725-730.
29. Hepatoprotective and renoprotective effects of silymarin against salinomycin-induced toxicity in adult rabbits. Accepted in *veterinary world Journal*, 2022 (under publication).

Publications statistic

Journal's Publication		Conference's presentation		Total
Local	International	Local	International	
10	19	2	4	29