



Curriculum Vitae

Prof. Tarek R. Rahmy

**Vice President for Education and
Student Affairs**

2018 / 2019



Curriculum Vitae



Personal Information:

Name	Tarek Rashed Rahmy Moharrem
Date of Birth	21 October 1960
Nationality	Egyptian
Religion	Muslim
Marital Status	Married + 2 Child
Rank	Professor
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Qualifications:

1. **Ph.D.** in Zoology - Joint Supervision (Colorado State University, Fort Collins, USA and Faculty of Science - Suez Canal University) - Sept. 1989.
2. **M.Sc.** in Zoology - Faculty of Science - Suez Canal University - June 1985
3. **B.Sc.** in Zoology - Faculty of Science - Suez Canal University (Excellent with Honor degree) - May 1981.

Employment History:

1. **Vice President for Education and Student Affairs**, Suez Canal University (Aug. 2015- to date).
2. **Dean of Fish Farming and Technology Institute**, Suez Canal University (Nov. 2013 to July 2015).
3. **Director of the University Education Development Center**, Suez Canal University (May 2012 to Nov. 2013).
4. **Professor:** Biology Department – Faculty of Science – King Abdulaziz University, Jeddah, Saudi Arabia (Oct. 2008 to May 2012).
5. **Head of Zoology Department** – Faculty of Science - Suez Canal University (Sept. 2005 to Sept 2008).
6. **Professor:** Zoology Department – Faculty of Science - Suez Canal University (Nov. 2001 to date).

- 7. Associate Professor:** Zoology Department – Faculty of Science - Suez Canal University (July 2001 - Nov. 2001).
- 8. Associate Professor:** Biology Department - Faculty of Science - United Arab Emirates University (Sept. 96 - June. 2001).
- 9. Associate Professor:** Faculties of Teachers - Saudia Arabia (Oct. 94 - Aug. 96).
- 10. Associate Professor:** Zoology Department – Faculty of Science - Suez Canal University (Jan. 1994 to Oct. 1994).
- 11. Lecturer:** Zoology Department – Faculty of Science - Suez Canal University (Dec. 89 - Jan. 94).
- 12. Scholarship:** Channel program (Joint supervision) for achievement of the Ph.D. practical work in Colorado State University - Fort Collins - Colorado - USA (Aug. 1986 – Aug. 1988).
- 13. Assistant Lecturer:** Zoology Department – Faculty of Science - Suez Canal University (July 85 - Dec. 89).
- 14. Demonstrator:** Zoology Department – Faculty of Science - Suez Canal University, Ismailia, Egypt, (Nov. 81- July 85).

Teaching Experiences

- 1. Zoology Department - Faculty of Science - Suez Canal University (1989-1994) (2001-2008) (2012-date):**
Under graduate: Cytology, Histology & Anatomy – Cell Biology - Histochemistry - Microtechniques - General Zoology - Chordates – Embryology - Comparative Anatomy - Physiology - Special Course (Natural Toxins). Supervisor of 26 research projects for Zoology students.
Postgraduate: Advanced Cell Biology – Advanced Histology – Histopathology – Immunohistochemistry.
- 2. Department of Biological Sciences – Faculty of Science – King Abdulaziz University, Jeddah, Saudi Arabia (Oct. 2008 to May 2012).**
Undergraduate: General Biology for preparatory year students (Bio 110), General Biology (Bio 202), Animal Ecology (Bio 457), Taxonomy and Biology of Vertebrates (Bio 460). Preparations of 2 Biology Electronic courses. Histocytotechnology (I), (II) for Medical Laboratory students, Faculty of Health Sciences, King Abdulaziz University.
Postgraduate: Special Topics in Biology (Bio 606), Cell & Tissue Morphometry (Bio 803), Cytochemistry and Histochemistry (Bio 814), Molecular Cell Biology (Bio 812), Special Topics in Zoology (Bio 758), Seminar (Bio 791), Research Report (1) (Bio 902), Research Report (2) (Bio 903), Research Report (4) (Bio 905).
- 3. Biology Department - Faculty of Science – United Arab Emirates University (Sept. 1996 - June 2001)**

Under graduate: Histology and Microtechniques - Comparative Anatomy - Animal Biology (Chordates) - Embryology - Basic Biology (Psychology students) - Basic Biology (Family education students) - Natural Sciences (2) - Morphology of Living Organism - Supervisor of 30 research projects for Zoology students - Supervisor of 17 Zoology seminars.

4. Department of Sciences - Faculties of Teachers - Saudi Arabia (Oct. 1994- Aug. 1996):

Under graduate:Chordates & Embryology - Physiology - General Biology - General Health.

Student's Practical training

1. Preparation of practical training course and laboratories notes for Biology students, Faculty of Science, UAE University.
2. Preparation of practical training programs for Biology students in Hospitals, Forensic labs, Food Control Labs of Municipality, Central Laboratories Unit of UAE University, Zayed Complex for Herbal Research and Traditional Medicine and Julphar Pharmaceutical Company.
3. Academic supervisor of Biology students (304 students) in the practical training program of UAE University (1996-2000) in hospitals, forensic labs, food control labs, university labs, pharmaceutical companies and research centers.
4. Supervisor of a training program for Biology Technicians - UAE University.
5. Supervisor of the training program of the 3rd Year Zoology students – Faculty of Science – Suez Canal University (2001-2008) in hospitals, agriculture research centers and environmental protectorates (150 students).
6. Establisher of the practical training center in Suez Canal University.

Student's Academic Advising (Credit Hours):

1. Academic advisor for 70 students in Biology Department - Faculty of Science - UAE University.
2. Academic advisor for 17 students in Faculty of Teachers in Saudi Arabia.

Use of Computer:

Microsoft Word - Power Point - Excel – Paint – Picture Manger - Internet - Multimedia.

Faculty and Leadership development Project (FLDP) workshops

1. "Law Instructions" by FLDP – University Education Development Center, Suez Canal University, 25-28 Sept. 2005.
2. "Decision Making and Problem Solving" by FLDP – University Education Development Center, Suez Canal University, 18-21 Sept. 2005.

3. "Job Ethics" by FLDP – University Education Development Center, Suez Canal University, 14-16 August 2005
4. "Administration Skills" by FLDP – University Education Development Center, Suez Canal University, 7-10 May 2005.
5. "Preparation of Assistant Lecturers and Demonstrators" by Faculty of Education, Suez Canal University, 14 Sep.- 2 Oct. 1985.

Peer reviewer in the Developmental engagement visits for Quality Assurance and Accreditation

Member of the Peer reviewer team in the developmental engagement visits to:

1. Faculty of Science, Menofia University from 4-7 May 2008.
2. Faculty of Science, Helwan University from 6-9 April 2008
3. Faculty of Science, Fayoum University from 11-15 March 2008.

Quality Assurance and Accreditation activities

A. Seminars, workshops and training courses:

1. **Participant in the operational workshop** of the "Developmental Engagement Visit". Library of Faculty of Agriculture, Cairo University, Cairo, **Egypt**, 30 April, 2008.
2. **Participant in the workshop** "How to Prepare Program Specification and Course Specification: The New Template", Library of Faculty of Agriculture, Cairo University, Cairo, **Egypt**, 15-17 April, 2008.
3. **Participant in the operational workshop** of the "Developmental Engagement Visit". Library of Faculty of Agriculture, Cairo University, Cairo, **Egypt**, 3 Apr. 2008.
4. **Participant in the Operational workshop** of the "Developmental Engagement Visit". Library of Faculty of Agriculture, Cairo University, Cairo, **Egypt**, 16 Mar. 2008.
5. **Member of the Higher Education Committee** for preparation of the "Accreditation Form of the Institutions of Higher Education", Cairo, **Egypt**, 22 Jan. 2008 and 7 Feb. 2008.
6. **Participant in the workshop** "Advanced Peer Reviewers" QAAP, Cairo, **Egypt**, 3 Feb. 2008.
7. **Participant in the workshop** "Basic Peer Reviewers" QAAP, Cairo, **Egypt**, 31 Jan. 2008.
8. **Participant in the workshop** "Basic Peer Reviewers" QAAP, Library of Faculty of Agriculture, Cairo University, Cairo, **Egypt**, Sept. 2007.
9. **Participant in the QAAP Conference** "Role of Leaders in QAAP", Helwan University, Helwan, **Egypt**, 27th October 2007.
10. **Speaker in the dissemination Seminar** at Faculty of Science, Cairo University "Achieved Activities of the HEEPF Project", Cairo, **Egypt**, 7 April, 2007.

- 11. Participant in HEEPF Conference** "Evaluation of the Experiment and the Future Provision", Conference Center, Al Azhar University, Cairo, **Egypt**, 30 March, 2007.
- 12. Speaker in the dissemination Seminar** at Ain Shams University "Achieved Activities of the HEEPF Project", Cairo, **Egypt**, 19 March, 2007.
- 13. Organizer and speaker of the workshop** "Usage of Non-Traditional Methods in Teaching" for Training Assistants, Zoology Department, Faculty of Science, Suez Canal University, Ismailia, **Egypt**, 17-19 July, 2006.
- 14. Organizer and speaker of the workshop** "Usage of Non-Traditional Methods in Teaching" for faculty staff, Zoology Department, Faculty of Science, Suez Canal University, Ismailia, **Egypt**, 10-12 July, 2006.
- 15. Organizer and speaker of dissemination Seminar** "Achieved Activities of the HEEPF Project" for faculty staff of Zoology Department, Faculty of Science, Suez Canal University, Ismailia, **Egypt**, 9 April, 2006.
- 16. Organizer and speaker of the workshop** "How to Update Your Course to Match International Standards" for faculty staff of Zoology Department, Faculty of Science, Suez Canal University, Ismailia, **Egypt**, 20 Sept., 2005
- 17. Organizer and speaker of the workshop** "HEEPF Project: Objectives, Expected Outcomes and Project Activities" for faculty staff of Zoology Department, Faculty of Science, Suez Canal University, Ismailia, **Egypt**, 4 Sept., 2005.

B. Member of Quality Assurance Teamworks:

- 1. Member of the Training Team** of faculties of Suez Canal University for the fulfilment of the admission requirement to the new project of Continuous Development and Qualification for Accreditation, Dec. 2005.
- 2. Member of the Quality Assurance and Accreditation Center** - University Education Development Center, Suez Canal University, Oct. 2007.
- 3. Committee member for the follow up of Sustainability of the projects** funded by Higher Education Enhancement Project, Sept. 2007.

Research Interest

Cellular, histological, histochemical, ultrastructure and immunohistochemical studies on the effects of natural toxins from snakes, scorpions, honey bees and medicinal plants on animal cells and tissues and isolation of fractions with prophylactic and curative effects from natural toxins.

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h-index = 8
i10-index = 8
Research gate (Tarek R. Rahmy) = 13.18



Thesis Supervision

- 8 M.Sc. and 2 Ph.D. Thesis in Zoology Department - Faculty of Science - Suez Canal University, Egypt.
- 4 Ph.D. Thesis and 1 MSc theses in Department of Biological Sciences- Faculty of Science – King Abdulaziz University, Saudi Arabia.
- 2 MSc., Faculty of Pharmacy, Suez Canal University, Egypt.

Projects

1. A project sponsored by The Project Mangement Unit – Ministry of Higher Education and Scientific Research, Egypt (4.5 Million LE) "**Establishment of Measurement and Evaluation Center**", 2018 (Participant).
2. A project sponsored by Erasmus+ (Capacity Building in Higher Education), Egypt (992.000€.) "**Building University Requirements Core Curriculum Using Information Technology**", 2018 (Partner).
3. A National project "**National Project of Aquaculture in Sinai and Suez Canal Region**", Suez Canal University in collaboration with Suez Canal Authority, Presented in front of Prime Minster and the Ministerial Economic Group of Egypt (Simulation Unit, Suez Canal Authority, 14 May 2014). (Suggestion and Presentation)
4. A Project "**Establishment of Offices for Technology Transport at Suez Canal University: Technology Transfer Office - Grants and International Cooperation Office - Technology Innovation Support Center**", Offered by the Academy of Scientific Research and Technology, Egypt, (700,000 LE), (2013) (Submitted by Suez Canal University).
5. A Research project sponsored by Science & Technology Development Fund (STDF), Egypt (1.5 Million LE) "**Hatching of Cobia marine fish (*Rachycentron canadum*) from the Red Sea**", 2013 (PI).
6. A Research project sponsored by King Abdulaziz University, Saudi Arabia, (133000 SR) "**Differential control of growth, apoptotic activity and gene expression in human breast cancer cells by extracts derived from medicinal herbs, *Rhazya stricta* and *Zingiber officinale* and their combination**", 2010 (Member).
7. A Research project sponsored by King Abdulaziz University, Saudi Arabia, (96800 SR) "**Effectiveness of a Saudi medicinal plant in ameliorating Scorpion Envenoming**", 2010 (PI).
8. A Research project sponsored by King Abdulaziz University Saudi Arabia, (150000 SR) "**Effect of food poisoning by aflatoxin B1 on intestinal motility. Therapeutic developments using different synthetic ligands**", 2009 (cooperative).
9. **HEEPF Project** funded by Higher Education Enhancement Project Fund (HEEPF) "**Enhancement of Teaching Quality of Zoology Courses**" (**D-078-Qo**), (106,900 \$), July 2005- July 2007 (Scientific consultant and member of the management team).

10. A Research project sponsored by UAE University (16000 DHS) "**Expression of some proapoptotic genes during neuronal excitotoxicity**", 1999 – 2001 (PI).
11. A Research project sponsored by UAE University (14000 DHS)) "**A Study on the Pathogenesis Induced by the Venom of Cobra Snake and the Neutralization of the Venom Actions by Medicinal Plants**", 1997- 1998 (PI).
12. A Research project sponsored by Suez Canal University (10000 LE) "**A detailed Study on Animal Toxins at Suez Canal Region and Sinai**", 1994 (PI).

Conferences:

A. Participation (Oral / Poster)

1. **7th International Conference on Natural Toxins**, Suez Canal University, Ismailia, **Egypt**, 13-14 Dec. 2016 (Conference vice president).
 - Amir E. Mehana, Elham I. Seif, Mohamed M. Lotfi and **Tarek R. Rahmy** (2016): Histological and Ultrastructural Alterations on the Effect of *Androctonus Australis* Scorpion Venom on Tissues of *Mus Musculus* Mice (Poster presentation).
2. **6th International Conference on Natural Toxins**, Suez Canal University, Ismailia, **Egypt**, 15-16 Dec. 2014 (Conference vice president).
 - Reham A. Zidan, Alaa S. Greish, Esraa E. Eyada, Deina M. Ahmed, Mohamed M. Mahgob, Najat A. Mohamed, Nehad M. Sayed, Yasmen I. Nasrallah, Mohamed A. Fekri and **Tarek R. Rahmy** (2014): Survey on toxic fishes in the red sea. pp. 41, (Poster presentation).
 - Alaa M. Mahmoud, Deina M. Ahmed, Nehad M. Ahmed, Najat A. Mohamed, Yasmen I. Nasrallah, Mohamed M. Mahgob, Mohamed A. Fekri, Deyaa A. Mohamed, Mohamed M. Hegazy, **Tarek R. Rahmy** and Ismail A. Eissa (2014): Survey on the prevailing infectious diseases of cobia fish. pp. 42, (Poster presentation).
3. **The global Fisheries and aquaculture research conference**, Faculty of Agriculture, Cairo University, **Egypt**, 17 November, (2014).
 - Deina M. Ahmed, Nehad M. Sayed, Najat A. Mohamed, Yasmen I. Nasrallah, Alaa S. Griesch, Mohamed M. Mahgob, Esraa E. Eyada, Reham Adel, Mohamed A. Fekri, Deyaa A. Mohamed, Mohamed M. Hegazy and **Tarek R. Rahmy** (2014): Biology and hatching of cobia marine fish (*Rachycentron canadum*) from the Red Sea (Poster presentation).
4. **5th International Conference on Natural Toxins**, Le Passage Hotel, Cairo **Egypt**, 17-19 Dec. 2012 (Conference vice president).
 - Faiza B. Abdu, Osama A. Abu-Zinadah, **Tarek R. Rahmy** and Abeer S. El ahmari (2012): Anti-inflammatory effect of melittin on stomach and jejunum of mice. pp. 43. (Poster presentation).

- Osama A. Abuzinadah, **Tarek R. Rahmy**, Mostafa H. El Naggar and Hassan A. El-Harbi (2012): Hepatoprotective effect of a Saudi medicinal plant against scorpion envenoming in mice. pp. 52. (Poster presentation).
- Osama A. Abuzinadah, **Tarek R. Rahmy**, Mostafa H. El Naggar, Mohamed I. Abo El Souad and Hassan A. El-Harbi (2012): Effectiveness of a Saudi medicinal plant against renal injury induced by scorpion envenoming in mice. pp. 53. (Poster presentation).
- Faiza B. Abdu, Osama A. Abu-Zinadah, **Tarek R. Rahmy** and Mohamed A. Omran (2012): Chronic treatment of aflatoxin B1 induces motility, histopathological and ultrastructure alterations of mice colon. pp. 64. (Poster presentation).
- 5. **17th World Congress of the International Society on Toxinology & Venom Week 2012**, 8-13 July 2012, Honolulu, USA (Member of the scientific committee)
 - Elkady, A.I.; Abuzinadah, O.A.; Baeshen, N.A. and **Rahmy, T.R.** (2012): Effect of *Zingiber officinale* plant extract on the differential control of growth, apoptotic activity and gene expression in human breast cancer cells. Session #24: Venom Components: Structure and Function Coral 2, pp.27
 - Abuzinadah, O.A.; **Rahmy, T.R.**; El Naggar, M.H. and Abo El Souad, M.I. (2012): Effectiveness of *Rhazya stricta* plant in ameliorating hepatic alterations induced by *Leiurus quinquestriatus* scorpion envenoming. Poster 325, pp. 83.
- 6. **4th International Conference on Natural Toxins**, Suez Canal University, Ismailia, **Egypt**, 20-22 Dec. 2010 (Conference vice president).
 - Abuzinadah, O.A.H.; **Rahmy, T.R.** and El Naggar, M.H. (2010): Effects of the venom of Saudi scorpion *Leiurus quinquestriatus* on animal tissues. pp. 44. (Poster presentation)
 - Mansour, N.M. Tawfik, M.N.; Yaseen, A.E. and **Rahmy, T.R.** (2010): Histological and cytogenetic studies on the prophylactic effects of *Ambrosia maritima* plant extract on rats envenomed with *Leiurus quinquestriatus* scorpion venom. pp. 45 (Poster presentation).
 - Abu-Zinadah, O.A.H.; Hussein, H.K.; **Rahmy, T.R.** and Al-Fakih, M.A. (2010): Effects of MTBE on the ovarian structure of mice and the possible protective role of vitamin E. pp. 66. (Poster presentation)
 - Abu-Zinadah, O.A.H.; Hussein, H.K.; **Rahmy, T.R.** and Al-Fakih, M.A. (2010): Effects of MTBE on the ovarian function of mice and the possible protective role of vitamin E. pp. 67 (Poster presentation).
- 7. **33rd Scientific Conference of the Egyptian Society of Histology and Cytology**, Faculty of Medicine, Mansoura University, Mansoura, **Egypt**, 31st December 2009.
 - Abdel Ghani, L.M.; El-Asmer, M.F.; Abbas, U.A. and **Rahmy, T.R.** (2009): Histological and immunohistochemical studies on the effects of the venom

- of the black-neck spitting cobra *Naja nigricollis* snake. Proceeding of the 33rd Scientific Conference of the Egyptian Society of Histology and Cytology, Mansoura, **Egypt**, 31 December, 2009, pp. 41 (Oral presentation).
8. **3rd International Conference on Natural Toxins**, Al Gezera Police Club, Cairo, **Egypt**, 16-18 Dec. 2008 (Conference General Secretary).
 - Mehana, A.E.; Seif, E.I.; Lotfi, M.M. El-Naggar, M.H. and **Rahmy, T.R.** (2008): Nature of venom gland and venom of the Egyptian scorpion *Androctonus australis*. pp. 36 (Poster presentation).
 - **Rahmy, T.R.**; Seif, E.I.; Lotfi, M.M. and Mehana, A.E. (2008): Hepatic pathogenesis induced by venom of the Egyptian scorpion *Androctonus australis*. pp. 37 (Poster presentation).
 - **Rahmy, T.R.**; Seif, E.I.; Lotfi, M.M. and Mehana, A.E. (2008): Renal alterations induced in mice envenomed with venom of the Egyptian scorpion *Androctonus australis*. pp. 38 (Poster presentation).
 - Abuzinadah, O.A.; Seif, E.I.; Mehana, A.E. and **Rahmy, T.R.** (2008): Histological and ultrastructural changes in testes of mice injected with venom of the *Androctonus australis* scorpion. pp. 39 (Poster presentation).
 9. **2nd International Conference on Natural Toxins**, Air Defence House, Nasr City, Cairo, **Egypt**, 18-20 December 2006 (Conference General Secretary).
 - Mehana, A.E. Seif, I.I. Lotfi M.M. and **Rahmy, T.R.** (2006): Injuries induced by envenoming with *Androctonus Australis Australis* venom, pp. 61 (Poster presentation).
 10. **1st International Conference on Natural Toxins**, October 6 University, October 6 City, **Egypt**, 18-19 December 2004. (Conference General Secretary).
 - **Rahmy, T.R.** and Mehana, A.E. (2004): Immunohistochemical detection of hepatic injury after cobra snake – envenoming. *Egypt. J. Nat. Tox.*, 1: 54. (Poster presentation).
 11. **9th Conference of the Egyptian German Society of Zoology** - Faculty of Agricultural Sciences - Suez Canal University - Al-Arish, **Egypt**. 3-6 April, 1999.
 - **Rahmy, T.R.** (1999): Ultrastructural studies on renal cortical tissues of cobra-envenomed rabbits. *J. Egypt. Ger. Soc. Zool.*, 29(C): 1-27 (Oral Presentation).
 - Hemmaid, K.Z. and **Rahmy, T.R.** (1999): Is preliminary oral administration of garlic diminishes histopathological effects of cobra venom in gastric and hepatic tissues? *J. Egypt. Ger. Soc. Zool.*, 29 (C): 29-47 (Oral Presentation).
 12. **5th Conference of the Union of Arab Biologist** - Faculty of Science - Suez Canal University – Ismailia, **Egypt**. 9-11 Nov., 1998.

- **Rahmy, T.R.** and Ramadan, R.A. (1998): Testicular tissue alterations after administration of the non-steroidal anti-inflammatory drug "Indomethacin" (Oral Presentation).
- 13. 5th Conference of the Egyptian German Society of Zoology.** Cairo University - Cairo, **Egypt**. April, 1995.
- **Rahmy, T.R.**; Ramadan, R.A.; Farid, T.M. and El-Asmar, M.F. (1995): Actions of cobra venom on cardiac muscles of rats. (Oral Presentation).
- **Rahmy, T.R.**; Ramadan, R.A.; Farid, T.M. and El-Asmar, M.F. (1995): Renal lesions induced by cobra envenomation (Oral Presentation).
- Ramadan, R.A. and **Rahmy, T.R.** (1995): The pathogenic effects of the non-steroidal anti-inflammatory drug indomethacin on the ultrastructure of the parietal cells of the stomach of albino mice (Oral Presentation).
- 14. 1st Conference of the Union of Arab Biologist** - El-Fateh University - Mousrata, **Libya**. July, 1994.
- Awadallah, R.; **Rahmy, T.R.** and El-Shamy, I. I. (1994): Intraperitoneal envenomation of rats with the LD₅₀ of *Echis carinatus* snake venom: A histological and histochemical study. (Oral Presentation).
- 15. 3rd International Conference of the Egyptian German Society of Zoology** - Faculty of Science - Cairo University - **Cairo, Egypt**. 3-6 April, 1993.
- El-Banhawy, M.A.; Mohallal, M.E.; **Rahmy, T.R.** and Moawad, T.I. (1993): Comparative histochemical study on the proventriculus and ileum of two birds with different feeding habits. (Oral Presentation)
- El-Banhawy, M.A.; Mohallal, M.E. and **Rahmy, T.R.** (1993): Anatomical, histological and histochemical investigations on the esophagus of two birds with different diet preference. (Oral Presentation).
- **Rahmy, T.R.** and Moawad, T.I. (1993): Comparative histological and histochemical studies on avian liver. (Oral Presentation).
- 16. 10th Conference of Wild Life and Natural Resources.** International Center of Conferences - Ministry of Agriculture - Giza, **Egypt** - October, 1991.
- **Rahmy, T.R.** and El-Bahrawy, A.F. (1991): Variations in the histochemical profile of liver tissues of *Rattus norvegicus* and *Falco aesalon insignis* intoxicated with Brodifacoum rodenticide. (Oral Presentation).
- El-Bahrawy, A.F. and **Rahmy, T.R.** (1991): Effect of Brodifacoum rodenticide on the enzymatic activities of kidney tissues of *Rattus norvegicus* as a prey and *Falco aesalon insignis* as a predator. (Oral Presentation).
- 17. 14th Scientific Conference of the Egyptian Society of Histology and Cytology.** Faculty of Medicine - Cairo University - **Cairo, Egypt**. 27 December, 1990.

- El-Banhawy, M.A.; El-Asmar, M.F.; Hassan, F.M. and **Rahmy, T.R.** (1990): Alterations produced in the ultrastructure of the kidney of mice treated with the crude venom of *Cerastes cerastes* snake and its isolated hemorrhagic toxin. (Oral Presentation).
 - El-Banhawy, M.A.; El-Asmar, M.F.; Hassan, F.M. and **Rahmy, T.R.** (1990): Histological and histochemical studies on the effects of crude venom of the non-horned snake *Cerastes cerastes* on the kidney of the white mice. (Oral Presentation).
- 18. 13th Scientific Conference of the Egyptian Society of Histology and Cytology.** Faculty of Medicine - Ain Shams University - Cairo, **Egypt.** 28 December, 1989.
- El-Banhawy, M.A.; El-Asmar, M.F.; Hassan, F.M. and **Rahmy, T.R.** (1989): Histopathological and Ultrastructural alterations observed in the skeletal muscles of mice treated with the crude venom of the non-horned snake *Cerastes cerastes*. (Oral Presentation).
 - El-Banhawy, M.A.; El-Asmar, M.F.; Hassan, F.M. and **Rahmy, T.R.;** (1989): Pathogenesis induced by the venom of the non-horned snake *Cerastes cerastes* and its isolated hemorrhagic fraction on the liver tissue of mice. (Oral Presentation).
 - El-Banhawy, M.A.; El-Asmar, M.F.; Hassan, F.M. and **Rahmy, T.R.** (1989): On the histochemical changes induced by the crude venom of the snake *Cerastes cerastes* and its isolated hemorrhagic fraction on the liver tissues of mice. (Oral Presentation).
- 19. 9th World Congress on Animal, Plants and Microbial Toxins.** Still Water- Oklahoma State University - Oklahoma, **USA.** 31 July - 5 Aug., 1987.
- **Rahmy, T.R.;** Tu, A.T.; El-Banhawy, M.A.; El-Asmar, M.F. and Hassan, F.M. (1988): Cytopathological effect of *Cerastes cerastes* (Egyptian sand viper) venom and isolated hemorrhagic toxin on liver and kidney: An electron microscopic study. (Oral Presentation).
- 20. 4th International Conference of Kidney Diseases.** Faculty of Medicine - Suez Canal University - Ismailia, **Egypt.** 6 December 1984.
- Hassan, F.M.; Mohallal, M.E.; El-Banhawy, M.A.; El-Serafy, T. and **Rahmy, T.R.** (1984): Pathophysiological changes in kidney function of envenomated rats (Oral Presentation).

B. Attendance

- 1. The 7th Pan African Environmental Mutagen Society Conference (PAEMS 2017)** Food Contamination and Health Hazards In Africa, Cairo, Egypt, 20-21 May 2017.
- 2. 9th International Conference of Faculty of Veterinary Medicine,** Suez Canal University, Ismailia, Egypty, 22-26 Nov, 2016

3. **1st International Conference on Environmental Management and Conservation**, Suez Canal University, Ismailia, **Egypt**, June 2006.
4. **11th Scientific Conference of the Zoological Society A.R. Egypt**, Tanta University, Tanta, **Egypt**, 20 Feb 2005.
5. **20th Anniversary Conference of the Egyptian Society of Toxicology**, Bibliotheca Alexandria, Alexandria, **Egypt**, 18-19 Feb., 2004.
6. **13th Conference of the Egyptian German Society of Zoology – Hurghada**, **Egypt**. 2-5 March 2003.
7. **10th Scientific Conference of the Zoological Society A.R. Egypt**, Helwan University, Helwan, **Egypt**, 23 Feb 2003.
8. **1st Annual International Congress of the Medical Division** - National Research Center “Contemporary Researches in Health problems: A Vision to the Future”, National Research Center - Dokki, Giza, **Egypt**, 18-20 December, 2002.

C. Chairman of sessions / Member of the scientific committee

1. **Chairman of a session**, "5th Young Researchers Conference at Suez Canal University", Ismailia, **Egypt**, 7-8 April 2018.
2. **Chairman of a session**, "4th Young Researchers Conference at Suez Canal University", Ismailia, **Egypt**, 29-30 April 2017.
3. **Member of the scientific committee** of the "18th World Congress on Animal, Plant and Microbial Toxins", Oxford, **UK**, 25-30th September 2015.
4. **Referee of Poster session** at the "10th Conference of Medical Sciences, National Research Center", Dokki, Egypt, 14 Jan. 2013.
5. **Member of the scientific committee** of the "17th World Congress of the International Society on Toxinology & Venom", Honolulu, **USA**, 8-13 July 2012.
6. **Speaker** in the conference of Faculty of Education "Non-Governmental Organization and the Environmental Peace" with a lecture "Toxic Organisms and the Environmental Peace" Olympic Village, Ismailia, Egypt (25 Nov., 2007).
7. **Chairman of a Platform Session** in the "21st Scientific Conference of the Egyptian Society of Toxicology". Faculty of Girls - Ain Shams University - Cairo, **Egypt**. 12-13 April, 2006.
8. **Chairman of the first session** in the "27th Scientific Conference of the Egyptian Society of Histology and Cytology", Faculty of Girls - Ain Shams University - Cairo - **Egypt**. 25 December, 2003.

D. Conference Organization

1. **Vice President** of the "7th International Conference on Natural Toxins", Suez Canal University, Ismailia, **Egypt**, 13-14 Dec. 2016,
2. **Vice President** of the "6th International Conference on Natural Toxins", Suez Canal University, Ismailia, **Egypt**, 15-16 Dec. 2014.

3. **General Secretary** of the "1st Young Researchers Conference at Suez Canal University", Ismailia, **Egypt**, 6-7 March 2013.
4. **Vice President** of the "5th International Conference on Natural Toxins", Le Passage Hotel, Cairo, **Egypt**, 17-19 Dec. 2012.
5. **Vice President** of the "4th International Conference on Natural Toxins", Suez Canal University, Ismailia, **Egypt**, 20-22 Dec. 2010.
6. **General Secretary** of the "3rd International Conference on Natural Toxins", Al Gezera Police Club, Cairo, **Egypt**, 16-18 Dec. 2008.
7. **General Secretary** of the "2nd International Conference on Natural Toxins", Air Defence House, Cairo, **Egypt**, 18-20 Dec. 2006.
8. **General Secretary** of the "1st International Conference on Natural Toxins", 6th October University, Egypt, 18-19 December 2004.
9. **Member of the organizing committee** of the "Conference of "Conservation of Mangal Ecosystem", United Arab Emirates University, Al Ain, UAE, Dec., 1996.
10. **Member of the organizing committee** of the "4th Conference of the Egyptian German Society of Zoology", University of Meniofia – Meniofia, **Egypt** , April, 1994.

Forums, Workshops and Seminars:

1. **Chairman of the Symposium** "Antibacterial Peptides from Natural Toxins", Suez Canal University, Ismailia, **Egypt**, 16 Sept. 2014,
2. **Organizer of the training program** "Fish Diseases" sponsored by League of Arab States. **and Speaker** with a presentation "Development of Fisheries", Fish Farming and Technology Institute, Suez Canal University, Ismailia, **Egypt**, 28-30 Dec., 2014.
3. **Organizer of the training program** entitled "Spawning and Larval Rearing" at the Fish Farming and Technology Institute, Suez Canal University, Ismailia, **Egypt**, 12-16 Oct., 2014.
4. **Organizer of the training program** "Fish Diseases" at the Fish Farming and Technology Institute, Suez Canal University, Ismailia, **Egypt** , 28 Sept. - 2 Oct., 2014.
5. **Organizer of the training program** "Biotechnology in Aquaculture" at the Fish Farming and Technology Institute, Suez Canal University, Ismailia, **Egypt**, 21-25 Sept., 2014.
6. **Organizer of the training program** "Systems of Aquaculture" at the Fish Farming and Technology Institute, Suez Canal University, Ismailia, **Egypt**, 14-18 Sept., 2014.
7. **Organizer of the training program** "Fish Food and Feeding" at the Fish Farming and Technology Institute, Suez Canal University, Ismailia, **Egypt**, 7-11 Sept., 2014.
8. **Participant** in the Saudi Forum for Medical Engendering, Jeddah Municipality, Jeddah, **Saudi Arabia**, 3 Jan., 2012.

9. **Participant** in the Third Scientific Forum for Faculty of Science, King Abdulaziz University, **Saudi Arabia**, 27 Nov., 2011.
10. **Speaker** in Science Day by Pearson Publishing Company, Baeshen, N.A. and Rahmi, T.R. (2010): KAU – Pearson Experiment in Teaching Biology for Non-native English Speakers, Dubai, **UAE**, April 2010,
11. **Speaker** in the forum "Fish Poisoning and Bites from Scorpions and Snakes" by a lecture entitled "Venomous Snakes and Their Venoms" in the National Center for Clinical and Environmental Toxicology, Cairo University, **Egypt** 23-24 April, 2008.
12. **Participant** in the forum entitled "Food Poisoning and Salted Fish" organized by the Poison Control Center of Ain Shams University, Guest House of Ain Shams University, Cairo, **Egypt**, 19 April , 2008.
13. **Chairman** of a theoretical Training Program (I) "Recent Approaches in Animal Toxins Researches", **and speaker** by a lecture "Venomous Snakes and Their Venoms" in Zoology Department, Faculty of Science, Suez Canal University, Ismailia, **Egypt**, 22-24 March, 2008.
14. **Participant** in the Forum entitled "Handout of the Law for Conservation of the Natural Recourses of Egypt" Cairo House, Cairo **Egypt**, 14-15 Jan., 2008.
15. **Chairman of the Symposium** "Narcotic Plants Additives or Drugs" Faculty of Science, Suez Canal University, Ismailia, **Egypt**, 18 December 2005.
16. **Speaker in the workshop** of the Non Governmental Organizations Forum for Preserving and Developing the Natural Heritage of Egypt entitled "Biodiversity of Toxic Living Organisms in Egypt", Ismailia, **Egypt** October, 2004.
17. **Speaker in a workshop** of the Non Governmental Organizations Forum for Preserving and Developing the Natural Heritage of Egypt entitled "Birds: Their Importance and Methods for Preservation" in Plaza Hotel, Alexandria, **Egypt**, 31 August 2004.
18. **Speaker in a workshop** of the Non Governmental Organizations Forum for Preserving and Developing the Natural Heritage of Egypt entitled "Wild plants: Their Importance and Methods for Preservation". Oberio Hotel, Arish, **Egypt**, 15- 17 August, 2004.
19. **Speaker in a workshop** of the Non Governmental Organizations Forum for Preserving and Developing the Natural Heritage of Egypt entitled "Land Reptiles: Their Importance, Danger and Methods for Preservation", Mercure Hotel, Ismailia, **Egypt**, 31 June, 2004.
20. **Organizer of the Symposium** "Natural Toxins of Food and Their Effects on Health of Vaccinated Animals and the Strategy of Antisera and Vaccine Production and Usage" and **speaker** with presentation "Objectives and Activities of The Egyptian Society of Natural Toxins" in the Veterinary Serum and Vaccine Research Institute, (VSVRI) Abbasia, Cairo, **Egypt**, 26 April 2004.

- 21. Chairman of the Symposium** entitled "Mycotoxins and their relation to Public Health", Faculty of Science - Suez Canal University, Ismailia, **Egypt**, 15 April 2004.
- 22. Head of the organization committee** of a Symposium entitled "Natural Toxins Lethal or Curative" and **keynote speaker** with a lecture "Natural Toxins: Lethal or Curative", Suez Canal University, Ismailia, **Egypt**, 19 October 2003.
- 23. Chairman of a session at the 27th Conference of The Egyptian Society of Histology**, Ain Shams University, **Egypt**, 25 Dec. 2003.
- 24. Organizer and keynote speaker** of the workshop "Usage of Microtome for the Preparation of Permanent Microscopical Slides" for technicians from Ministry of Education in UAE, UAE University, Al-Ain. **UAE**, 25-26 Nov., 2000).
- 25. Participant in the workshop** "Multimedia (Authorware) Faculty of Administration and Economics, United Arab Emirates University **UAE**, (April. 2000).
- 26. Speaker in the Seminar** "Academic Affair and the Curricula of the Department of Biology" for new faculty, in Biology Department, Faculty of Science, UAE University, Al-Ain. **UAE**, (September, 1999).
- 27. Speaker in the Seminar** "Biology and the Volunteer Services" in Religious and Cultural Complex of his highness Sheikh Mohammed Bin Khaled Al-Nahyan, Al-Ain, **UAE**, December, 1999.
- 28. Speaker in the Seminar** "Action of Cobra Snake Venom on Animal Tissues" in Faculty of Science, UAE University, Al-Ain, **UAE**, Feb., 1999.
- 29. Participant in the workshop** "Modern Teaching Methods" Faculty of Education, United Arab Emirates University (Oct. 1998).
- 30. Participant in the workshop** "Power Point" Faculty of Education, United Arab Emirates University (Oct. 1998).
- 31. Participant in the workshop** "The Use of Internet" Faculty of Engineering, United Arab Emirates University (Oct. 1998).
- 32. Speaker in the Seminar** "Embryonic Development: Scientific Prospect and Religion" in The Islamic Center, UAE University, Al-Ain, **UAE**, (March, 1998).
- 33. Member of the organization committee of the workshop** "Analytical Techniques in Marine Sciences". UAE University, Al-Ain, **UAE**, (23-27 Nov., 1997).
- 34. Speaker in the Seminar** "Snake Venoms: Structure and Actions" in Faculty of Science, UAE University, Al-Ain, **UAE**, (Nov. 1996).
- 35. Participant in the workshop** "Methods for Exam Preparation", Faculty of Education, United Arab Emirates University (Oct. 1996).
- 36. Speaker in the Seminar** "Epidemiology of Venomous Snakes in Sinai" in Toxicology and Fine Analysis Unit, Faculty of Science, Suez Canal University, Ismailia, **Egypt**, (April 1992).

Referee and Reviewer of Scientific Works:

A. Staff members:

- 1. Referee of the Scientific work** of a staff Candidate for Mansoura University Incentive Award, May, 2013.
- 2. Referee of 1 cases for the Promotion Committee of The Egyptian Universities** (Zoology) for Associate Professors in Histology and Cytology (2007, 2008, and 2014).
- 3. Referee of 2 cases for the Promotion Committee of The Egyptian Universities** (Zoology) for Professors in Histology and Cytology (2007, 2013).
- 4. Referee of 2 cases for the Promotion Committee of the National Research Center** (Medical Research Division) for Professors in Histology and Cytology (2014, 2016).

B. Scientific Thesis:

- 1. Reviewer of PhD Thesis awarded from Germany** by Amir E. Mehana, Assistant lecturer, Zoology Department, Faculty of Science, Suez Canal University, May 2015.
- 2. Referee of 2 PhD thesis** in Histology for assistant lecturers in Zoology Department, Faculty of Girls, and Ain Shams University.
- 3. Referee of PhD Thesis** submitted by Samia Abdelaziz Ibraheim, Assistant lecturer, Department of Biological and Geological Sciences, Faculty of Education, Suez Canal University, 7 Jul. 2003.
- 4. Reviewer of PhD Thesis awarded from USA** by Akram Abozeid, Assistant lecturer, Zoology Department, Faculty of Science, Suez Canal University, 25 May 2002.

C. Papers and Books:

- 1. Referee** of a project submitted by Dr. Mohamed Abdel Razik Essa to the Academy of Scientific Research and Technology (2014).
- 2. Referee of the paper** "Comparative histological and ultrastructural studies on lung of the Egyptian hoopoe (*Upupa epops major*) and the European hoopoe (*Upupa epops epops*)" submitted to *CATRINA*, The International Journal of Environmental Sciences, Sept., 2013.
- 3. Referee of the Book** "General Histology" (El Kassim University, KSA) Sept., 2013.
- 4. Referee of 4 papers** submitted to Human & Experimental Toxicology Journal
 - "Reduction of hepatotoxicity induced by acetaminophen overdoses in mouse models of inflammation" Review Returned: 13-Mar-2014
 - "Induction protocol ulcer in Wistar rats by bothrops atrox venom" Review Returned: 09-Jul-2013

- "Getting Stung by Black Scorpion *Androctonus Crassicauda*; the Importance of Correct Diagnosis in the Management of the Patient" Review Returned: 15-Jun-2013
 - "Effect of flavonoids and hyperthermal intraperitoneal chemotherapy on tumor growth and micronucleus induction in mouse tumor model" Review Returned: 26-Apr-2013
5. **Referee of a research paper** submitted to the Journal of Venomous Animals and Toxins including Tropical Diseases, Jul. 2008.
 6. **Referee of two research papers** submitted to the Journal of Faculty of Science - UAE University, 1999-2000.
 7. **Revision of a chapter** "Reptiles of Abu Dhabi" in a book entitled "Desert Environment of Abu Dhabi" published by the Environmental Research and Wild Life Development Agency - Abu Dhabi, Mar., 1999.
 8. **Revision of a chapter** entitled "Chordata" in the book of Science for the 1st Year of the High Schools in UAE, April, 1997.

Membership of Scientific Societies

1. Egyptian Society of Biosciences Advancement (Egyptian Germans Society of Zoology)
2. Egyptian Association for Animal Research Advancement
3. Egyptian Society of Natural toxins
4. Egyptian Society of Histology
5. Egyptian British Society of Biological Science
6. Union of Arab Biologist

Editorial Board:

1. **Co-editor** of the Egyptian Journal of natural Toxins (2003-date).
2. **Member in the editorial board** of the Journal of Faculty of Science - UAE University (2002).

Establisher and Head of the Egyptian Society of Natural toxins

(April 2003-date). The Society (www.egynattox.com) provides global research, information, training and resources that will lead to better understanding of the danger as well as the usefulness of different types of naturally produced toxins. Fields of activities include researches, consultation, guidance, training, seminars and conferences and issuing the Egyptian Journal of Natural Toxins.

Member of the National Committee of Toxicology, Academy of Scientific Research and Technology, (2013-2018).

List of Publications

1. Abu-Zinadah, O.; **Rahmy, T.**; Alahmari, A. and Abdu, F. (2014): Effect of melittin on mice stomach. *Saudi J. Biol. Sci.*, **21(1)**: 99–108.
2. Abdu, F.; **Rahmy, T.**; Alahmari, A. and Abu-Zinadah, O. (2013): Physiological and histological studies on the effect of melittin on mice

- jejunum. *Biosci. Biotechnol. Res. Asia*, **10(1)**: 111-118. (DOI: <http://dx.doi.org/10.13005/bbra/1101>).
3. **Rahmy, T.**; Alahmari, A.; Abdu, F. and Abu-Zinadah, O. (2013): Protective effect of melittin against gastric inflammation in mice. *Life Sci. J.*, **10(2)**: 1369-1384.
 4. Abdu, F.A.; Abu-Zinadah, O.A.; **Rahmy, T.R.** and Omran, M.A. (2013): Subacute treatment with aflatoxin b1 induces motility, histological and ultrastructure alterations of mice colon. *Egy. J. Nat. Tox.*, **10(1,2)**: 1-32.
 5. Elkady, A.I.; Abuzinadah, O.A.; Baeshen, N.A. and **Rahmy, T.R.** (2012): Effect of *Zingiber officinale* Plant Extract on the Differential Control of Growth, Apoptotic Activity and Gene Expression in Human Breast Cancer Cells. *Toxicon*, **60(2)**:101–102. DOI:10.1016/j.toxicon
 6. Elkady, A.I.; Abuzinadah, O.A.; Baeshen, N.A. and **Rahmy, T.R.** (2012): Differential Control of Growth, Apoptotic Activity, and Gene Expression in Human Breast Cancer Cells by Extracts Derived from Medicinal Herbs *Zingiber officinale*. *J. Biomed. Biotechnol.* 14 Pages, Article ID: 614356. Published online 2012 August 26. doi: 10.1155/2012/614356.
 7. Mansour, N.M.; Tawfik, M.N.; **Rahmy, T.R.** and Yaseen, A.E. (2011): Protective role of *ambrosia maritima* plant extract against alterations induced by *leiurus quinquestriatus* scorpion venom on skeletal muscles and intestinal tissues of rats. *Egy. J. Nat. Tox.*, **8(1,2)**: 81-103.
 8. Abdu, F.; Abu Zinadah, O.; **Rahmy, T.** and Omran, M.A.A. (2010): Effect of aflatoxin B1 on colon morphology and motility in the mouse. *Neurogastroenterol. Motil.*, **22(1)**: 67.
 9. Abdel Ghani, L.M.; El-Asmer, M.F.; Abbas, U.A. and **Rahmy, T.R.** (2010): Histological and immunohistochemical studies on the nephrotoxic effects of *Naja nigricollis* snake venom. *Egy. J. Nat. Tox.*, **7(1,2)**: 29-52.
 10. Abdel Ghani, L.M.; El-Asmer, M.F.; Abbas, U.A. and **Rahmy, T.R.** (2010): Cardiotoxic effects of the venom of the black-neck spitting cobra, *Naja nigricollis* snake. *Egy. J. Nat. Tox.*, **7(1,2)**: 1-28.
 11. Abdel Ghani, L.M.; El-Asmer, M.F.; Abbas, U.A. and **Rahmy, T.R.** (2009): Histological and immunohistochemical studies on the hepatotoxic effects of the venom of naja nigricollis snake on albino mice. *Egy. J. Nat. Tox.*, **6(2)**: 100-119.
 12. Mansour, N.M.; Tawfik, M.N.; **Rahmy, T.R.** and Yaseen, A.E. (2007): Prophylactic effect of *Ambrosia maritima* plant extract on renal tissues of rats envenomed with *Leiurus quinquestriatus* scorpion. *Egy. J. Nat. Tox.*, **4(2)**: 101-130.
 13. Mansour, N.M.; Tawfik, M.N.; Yaseen, A.E. and **Rahmy, T.R.** (2007): Prophylactic effect of *Ambrosia maritima* plant extract on hepatic tissues of rats envenomed with *Leiurus quinquestriatus* scorpion. *Egy. J. Nat. Tox.*, **4(2)**: 69-100.

14. **Rahmy, T.R.**; El-Naggar, M.H.R and Mehana, A.E. (2004): Immunohistochemical detection of hepatic injury after cobra snake – envenoming. *Egy. J. Nat. Tox.*, 2: 119-134.
15. **Rahmy, T.R** and Hassouna, I.A. (2004): Immunohistochemical Investigation of Neuronal Injury in Cerebral Cortex of Cobra-Envenomed Rats. *J. Venom. Anim. Toxins incl. Trop. Dis.*, 10 (1): 53-76.
16. El-Ridi, M.R.; Bendary, M.A.; Morsy, M.D. and **Rahmy T.R.** (2002): Hypoglycemic, hypolipidimic and hepatoprotective actions of *Acacia nilotica* aqueous extract in streptozotocin-induced diabetic rats. *Al Azhar Med. J.*, 31(3&4): 553-565.
17. **Rahmy, T.R.** and El-Ridi, M.R. (2002): Action of *Anastatica hierochuntica* plant extract on islets of Langerhans in normal and diabetic rats. *Egy. J. Biol.*, 4: 87-94.
18. **Rahmy, T.R.** and Ayoub, M. A. (2002): In-vitro action of cobra snake venom on the ultrastructure of the goat spermatozoa: Transmission and scanning electron microscopic study. *J. Venom. Anim. Toxins*, 8(1): 127-159.
19. Hassouna, I.A. and **Rahmy, T.R.** (2001): Reactive astrocytic response and increased proliferating cell nuclear antigen expression in cerebral cortex of envenomed rats. *J. Toxicol. Toxin Rev.*, 20(3&4): 245-259.
20. **Rahmy, T.R.** and Hemmaid, K.Z. (2001): Prophylactic action of garlic on the histological and histochemical patterns of hepatic and gastric tissues in rats injected with a snake venom. *J. Nat. Toxins*, 10(2): 137-165.
21. **Rahmy, T.R.** (2001): Action of Cobra Venom on the Renal Cortical Tissues: Electron Microscopic studies. *J. Venom. Anim. Toxin.*, 7(1): 85-112.
22. Lotfi, M.M.; **Rahmy, T.R.** and Shaheed, I.B. (2001): Light and electron microscopical study on the effect of vascular endothelial growth factor extracted from camel parotid gland on mice. *J. Egypt. Ger. Soc. Zool.*, 33(C): 263-275.
23. El-Ridi, M.R. and **Rahmy, T.R.** (2000): Action of vitamin C against acetaminophen-induced hepatorenal toxicity in rats. *J. Toxicol. Toxin Rev.*, 19(3&4): 275-304.
24. **Rahmy, T.R.** (2000): Effects of intramuscular injection of a sublethal dose of the Egyptian cobra snake on the histological and histochemical pattern of the kidney. *J. Nat. Toxins*, 9(2): 159-178.
25. **Rahmy, T.R.** and Hemmaid, K.Z. (2000): Histological and histochemical alterations in the liver following intramuscular injection with a sublethal dose of the Egyptian cobra venom. *J. Nat. Toxins*, 9(1): 21-32.
26. **Rahmy, T.R.** (1998): Action of prolonged oral administration of Rantidine (Zantac) drug on the ultrastructure of rat liver. *Egypt. J. Histol.*, 21(2): 301-312.
27. **Rahmy, T.R.** (1998): Histological, histochemical and morphometrical studies on the actions of *Echis carinatus* snake venom on the testicular tissues. *J. Union Arab. Biol.*, 9(A): 51-72.

28. **Rahmy, T.R.** and Ramadan, R.A. (1998): Testicular tissue alterations after administration of the non-steroidal anti-inflammatory drug "Indomethacin". *J. Egypt. Ger. Soc. Zool.*, 27(C): 163-186.
29. **Rahmy, T.R.**; Ramadan, R.A. and El-Asmar, M.F. (1996): Local myonecrosis induced by cobra envenomation. *J. Egypt. Ger. Soc. Zool.*, 19(C): 137-156.
30. Ramadan, R.A. and **Rahmy, T.R.** (1996): Ultrastructural changes of the gastric mucosal cells of albino mice treated with the non-steroidal anti-inflammatory drug "Indomethacin". *J. Egypt. Ger. Soc. Zool.*, 19(C): 105-136.
31. **Rahmy, T.R.** (1995): Effects of non-steroidal anti-inflammatory drug "Indomethacin" on the histochemistry of the ileal mucosa of mice. *J. Egypt. Ger. Soc. Zool.*, 18(C): 177-200.
32. Ramadan, R.A. and **Rahmy, T.R.** (1995): The pathogenic effects of the non-steroidal anti-inflammatory drug "Indomethacin" on the ultrastructure of the parietal cells of the stomach of albino mice. *J. Egypt. Ger. Soc. Zool.*, 17(C): 343-368.
33. **Rahmy, T.R.**; Ramadan, R. A.; Farid, T.M. and El-Asmar, M. F. (1995): Renal lesions induced by cobra envenomation. *J. Egypt. Ger. Soc. Zool.*, 17(C): 251-271.
34. **Rahmy, T.R.**; Ramadan, R.A.; Farid, T.M. and El-Asmar, M.F. (1995): Actions of cobra venom on cardiac muscles of rats. *J. Egypt. Ger. Soc. Zool.*, 17(C): 235-250.
35. **Rahmy, T.R.**; Ramadan, R.A.; Farid, T.M. and El-Asmar, M.F. (1995): Hepatic pathogenesis due to cobra envenomation. *J. Egypt. Ger. Soc. Zool.*, 16(C): 85-102.
36. El-Banhawy, M.A.; El-Asmar, M.F.; Hassan, F.M. and **Rahmy, T.R.** (1995): Liver damage induced by *Cerastes cerastes* venom and a purified hemorrhagic toxin. *Arab Gulf J. Scient. Res.*, 13(3): 673-687.
37. El-Banhawy, M.A.; El-Asmar, M.F.; Hassan, F.M. and **Rahmy, T.R.** (1994): Histochemical study of *Cerastes cerastes* hemorrhagic toxin on the liver. *Arab Gulf J. Scient. Res.*, 12(3): 404-415.
38. Ramadan, R.A.; Seif, I.I. and **Rahmy, T. R.** (1994): An experimental study of the effects of the non-steroidal anti-inflammatory drug "Indomethacin" on the gastric mucosa of albino mice. *Egypt. J. Histol.*, 17(2): 269-282.
39. El-Banhawy, M.A.; Ramadan, R.A. and **Rahmy, T.R.** (1994): The toxic effects of the anti-inflammatory drug "Indomethacin" on mice ileal mucosa. *Egypt. J. Histol.*, 17(2): 247-257.
40. Awadallah, R.; **Rahmy, T.R.** and El-Shamy, I. I. (1994): Intraperitoneal envenomation of rats with the LD₅₀ of *Echis carinatus* snake venom: A histological and histochemical study. *J. Union Arab. Biol.*, 1 (Zool): 121-147.

41. El-Banhawy, M.A.; Mohallal, M.E.; **Rahmy, T.R.** and Moawad, T.I. (1993): Histological adaptations in the digestive organs of birds with various dietary peculiarities. *J. Egypt. Ger. Soc. Zool.*, 12(C): 153-170.
42. **Rahmy, T.R.** (1993): Myocardial alterations in animals intoxicated with an anticoagulant rodenticide. *J. Egypt. Ger. Soc. Zool.*, 12(C): 87-98.
43. El-Banhawy, M.A.; Mohallal, M.E. and **Rahmy, T.R.** (1993): Anatomical, histological and histochemical investigations on the oesophagus of two birds with different diet preference. *J. Egypt. Ger. Soc. Zool.*, 11(C): 175-193.
44. El-Banhawy, M.A.; Mohallal, M.E.; **Rahmy, T.R.** and Moawad, T.I. (1993): Comparative histochemical study on the proventriculus and ileum of two birds with different feeding habits. *J. Egypt. Ger. Soc. Zool.*, 11(C): 155-174.
45. **Rahmy, T.R.** and Moawad, T. I. (1993): Comparative histological and histochemical studies on avian liver. *J. Egypt. Ger. Soc. Zool.*, 11(C): 29-48.
46. **Rahmy, T.R.** and Abdel-Nabi, I. M. (1993): Evidences for disturbances in kidney function induced due to snake envenomation. *J. Egypt. Ger. Soc. Zool.*, 10(C): 227-241.
47. Abdel-Nabi, I.M. and **Rahmy, T.R.** (1992): Influence of the venom of the snake "*Echis carinatus*" on the structure and function of the hepatic tissues of white rat. *J. Egypt. Ger. Soc. Zool.*, 9(C): 171-187.
48. **Rahmy, T.R.**; Mohallal, M.E. and El-Bahrawy, A.F. (1992): Activity of acid phosphatase in tissues of animals intoxicated with Brodifacoum rodenticide. *Proc. Egypt. Acad. Sci.*, 42: 245-250.
49. Mohallal, M.E. and **Rahmy, T.R.** (1992): Studies on the histological structure and the histochemical profile of the mucosal layer lining the alimentary tract of the gecko *Hemidactylus flaviviridis*. *Proc. Egypt. Acad. Sci.*, 42: 37-47.
50. **Rahmy, T.R.**; Tu, A.T.; El-Banhawy, M.A.; El-Asmar, M.F. and Hassan, F.M. (1992): Cytopathological effect of *Cerastes cerastes* (Egyptian sand viper) venom and isolated hemorrhagic toxin on liver and kidney : An electron microscopic study. *J. Nat. Toxins*, 1(1): 45-58.
51. El-Bahrawy, A.F. and **Rahmy, T.R.** (1991): Effect of Brodifacoum rodenticide on the enzymatic activities of kidney tissues of *Rattus norvegicus* as a prey and *Falco aesalon insignis* as a predator. *Egypt. J. Wild Nat. Res.*, 10: 48-62.
52. **Rahmy, T.R.** and El-Bahrawy, A.F. (1991): Variations in the histochemical profile of liver tissues of *Rattus norvegicus* and *Falco aesalon insignis* intoxicated with Brodifacoum rodenticide. *Egypt. J. Wild Nat. Res.* 10: 34-47.
53. **Rahmy, T.R.**; Tu, A.T.; El-Banhawy, M.A.; El-Asmar, M.F. and Hassan, F.M. (1991): Electron microscopic study of the effect of Egyptian sand viper (*Cerastes cerastes*) venom and its hemorrhagic toxin on muscle. *J. Wild. Med.*, 2: 7-14.

54. Mohallal, M.E. and **Rahmy, T.R.** (1990): Effect of snake venom on the activity of glucose-6-phosphate dehydrogenase and nicotine amide adenine dinucleotide phosphate diaphorase in the testis of albino rat. *Egypt. J. Histol.*, 13(2): 365-368.
55. **Rahmy, T.R.** (1990): Energetic alterations in the testes of rats envenomated with a snake venom. *Egypt. J. Histol.*, 13(2): 265-270.
56. Mohallal, M.E. and **Rahmy, T.R.** (1990): On the histochemistry of the venomous glands of some Egyptian snakes. *Egypt. J. Histol.*, 13(1): 63-70.
57. Mohallal, M.E. and **Rahmy, T.R.** (1990): Anatomical and histological studies on the venomous glands of some Egyptian snakes. *Egypt. J. Histol.*, 13(1): 55-62.
58. Hassan, F.M.; Mohallal, M.E.; El-Banhawy, M.A.; El-Serafy, T. and **Rahmy, T.R.** (1987): Pathophysiological changes in kidney function of envenomated rats. In: M.A. Haberal and H. Gulay (eds.): "Chronic Renal Failure and Transplantation", pp. 55-64, Semih Offset, Ankara, Turkey.
59. El-Banhawy, M.A.; Mohallal, M.E.; Hassan, F.M.; El-Serafy, T. and **Rahmy, T.R.** (1986): Utilization of carbohydrates in envenomated rat tissues: Effect of envenomation on the anaerobic oxidation of carbohydrates within the tissues. *Egypt. J. Biochem.*, 4(1): 152-190.
60. Hassan, FM; El-Banhawy, M.A.; Mohallal, M.E.; and **Rahmy, T.R.** (1986): Lethality of *Pseudocerastes persicus fieldi* venom and the effect of its sublethal dose on the liver function of envenomated rats. *Egypt. J. Biochem.*, 4(1): 120-151.

Books

1. Gopalakrishnakone, P., Hidetoshi Inagaki, Carl-Wilhelm Vogel, Ashis K. Mukherjee and **Tarek R. Rahmy**, eds. "Snake Venoms". Springer Netherland, (2017).
2. Nabih A. Baeshen; **Tarek R. Rahmi** and Sufian M. Ellassouli (2009): "Arabic Translation of Glossary For Biology", 8th edition, Campbell, Reece, Urray, Cain, Wasserman, Minorsky and Jackson, Pearson Company, UK.