



CURRICULUM VITA **GAMAL RAMADAN SHEBL RAMADAN**

M.Sc., Dr. rer. nat. (D.Sc.)

**Professor of Immunology and
Former Head of Zoology Department**

Faculty of Science, Ain Shams University, Cairo, Egypt

Editor-in-Chief of the Egyptian Journal of Zoology

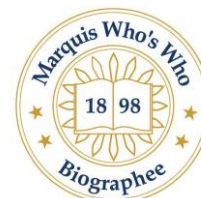
Member of the Faculty Promotion Committee

Supreme Council of the Egyptian Universities

Member of the National Committee for Biological Sciences

The Academy of Scientific Research & Technology (ASRT),
the Ministry of Scientific Research, Cairo, Egypt

Scientific Expert at Cairo Economic Court



Short Synopsis:

I'm Professor of Immunology at Zoology Department, Faculty of Science, Ain Shams University (since 2012 up to date). I'm also a member of the Faculty Promotion Committee (Zoology and Entomology) of Supreme Council of the Egyptian Universities. My general specialty is Immunology and my specific specialty is Molecular and Cellular Immunology. I got my M.Sc. in Physiology from Ain Shams University, Egypt (1995) and the Doctor of Sciences (Dr. rer. nat.) from Hannover University, Germany in Molecular Immunology with a very good grade through a four-year full scholarship sponsored by the Egyptian Administration of Mission (1997-2001). During this period, I was a guest investigator at the Institute of Virology, Bremen University, Germany (1997-1999) and the Department of Clinical Immunology, Hannover Medical School, Germany (1999-2001). I worked as an Assistant Professor in Blood and Marrow Transplantation Program, Medical College of Wisconsin, WI, USA from March, 2003 to January, 2005. During this period, I participated in many research work activities that added a lot to my experience, language, and scientific thinking. I also worked as an Assistant Professor in the Department of Biological Science, College of Science, King Faisal University, Saudi Arabia from January, 2007 to July, 2012. I have many publications in highly-impacted scientific journals and I got many grants and awards from the Egyptian government and international scientific congresses and committees. In addition, I discovered 11 T-cell epitopes for *Aspergillus fumigatus* that were recorded in the International Immune Epitope Database, La Jolla, CA, USA. I'm also a member of many scientific committees, societies and editorial boards of a number of scientific journals, as well as the Editor-in-Chief of the Egyptian Journal of Zoology. I'm a course coordinator of the Immunological courses for undergraduate and postgraduate students of the Zoology Department, Faculty of Science, Ain Shams University and a supervisor/co-supervisor of many M.Sc. and Ph.D. students in Physiology/Immunology program. I speak good English and German.

PERSONAL DATA

Name: GAMAL RAMADAN SHEBL RAMADAN	Sex: Male	
Date of Birth: 25 th June, 1967	Place of Birth: Cairo, Egypt	Nationality: Egyptian
Mother language: Arabic	Religion: Muslim	Social Status: Married
Research Interest: Physiology and Immunology		
Work address: Zoology Department, Faculty of Science, Ain Shams University, Khalifa El-Maamon st., Abbasiya sq., 11566, Cairo, Egypt.		
Mobile: +2 01061589287	Fax: +20 2 26842123	
E-Mail: gamal_ramadan@hotmail.com ; gramadan@sci.asu.edu.eg		

ACADEMIC DEGREES

INSTITUTION AND LOCATION	DEGREE, GRADE	YEAR	FIELD OF STUDY
Faculty of Science, Ain Shams University, Cairo, Egypt	B.Sc. (very good)	1988	Zoology-Chemistry
Faculty of Science, Ain Shams University, Cairo, Egypt	M.Sc.	1995	Physiology
Faculty of Biology, Hannover University, Hannover, Germany	D.Sc. (very good)	2001	Molecular Immunology
Faculty of Science, Ain Shams University, Cairo, Egypt	Assistant Professor (very good)	2007	Immunology
Faculty of Science, Ain Shams University, Cairo, Egypt	Professor (excellent)	2012	Immunology

EMPLOYMENT HISTORY

University/Institution (Employer)	From	To	Job Title	Inclusive duties	Type of Job
Zoology Department, Faculty of Science, Ain Shams University, Cairo, Egypt	1988	1995	Demonstrator	Teaching, research, and administration	Full time
Zoology Department, Faculty of Science, Ain Shams University, Cairo, Egypt	1995	2002	Assistant Lecturer	Teaching, research, and administration	Full time
Institute of Virology, Bremen University, Bremen, Germany	1997	1999	Guest Investigator	Research	Full time
Department of Clinical Immunology, Hannover Medical School, Hannover, Germany	1999	2001	Guest Investigator	Research	Full time
Zoology Department, Faculty of Science, Ain Shams University, Cairo, Egypt	2002	2007	Lecturer	Teaching, research, and administration	Full time
Medical College of Wisconsin, Department of Medicine, Blood and marrow transplantation Program, Milwaukee, WI, USA.	2003	2005	Post Doc. Fellow / Assistant Professor	Teaching, research, and administration	Full time
Biological Science Department, College of Science, King Faisal University, Al-Hufuf, Saudi Arabia	2007	2012	Assistant Professor	Teaching, research, and administration	Full time

Zoology Department, Faculty of Science, Ain Shams University, Cairo, Egypt	2012	Date	Professor	Teaching, research, and administration	Full time
Zoology Department, Faculty of Science, Ain Shams University, Cairo, Egypt	2016	Date	Head of Physiology Branch	Teaching, research, and administration	Full time
Zoology Department, Faculty of Science, Ain Shams University, Cairo, Egypt	2022	2023	Head of Zoology Department	Teaching, research, and administration	Full time

TEACHING EXPERIENCE

University courses prepared and taught by applicant		
University/Institution	Course title	Language of instruction
Faculty of Pharmacy, Ain Shams University, Cairo, Egypt	General Physiology for Pre-pharmacy students	English
Faculty of Science, Ain Shams University, Cairo, Egypt	Immunology for B.Sc. and M.Sc. students of Applied Biotechnology and Applied and Analytical Microbiology Programs	English
	Metabolism for 3 rd year students (Zoology-Chemistry)	
	Methods in Experimental Physiology for 3 rd year students (Zoology-Chemistry)	
	Mechanism of Muscle Contraction and its Neural Control for 3 rd year students (Biophysics) and B.Sc. students (Zoology-Chemistry)	
	Basic Immunology for 3 rd year students (Zoology Special) and B.Sc. students (Microbiology special and Microbiology-Chemistry)	
	Immunology for 3 rd level students (Zoology Single and Zoology-Chemistry)	
	Immunization and Immunotherapy for 3 rd level students (Zoology Single)	
	Organization, Functions and Electrical Activity of the Nervous System for B.Sc. students (Zoology-Chemistry)	
	Heart and Circulation for B.Sc. students (Zoology-Chemistry)	
	Excretion and Osmoregulation for B.Sc. students (Zoology Special and Zoology-Chemistry)	

	Hypersensitivity and Autoimmune Diseases for B.Sc. students (Zoology-Chemistry)	
	Research Essay and Graduate Project for B.Sc. students (Zoology Special)	
	Advanced, Cellular and Molecular Immunology for students of Biological Techniques Diploma	
	Metabolism and Immunological courses for M.Sc. students in Physiology and Immunology	
Faculty of Science, Beni-Suef University, Beni-Suef, Egypt	Immunology-1 for 3 rd year students (Zoology-Chemistry)	English
	Cellular and Applied Immunology for M.Sc. students in Immunology	
	Molecular Immunology for M.Sc. students in Immunology	
	Developmental and Comparative Immunology for M.Sc. students in Comparative Anatomy and Immunology	
	Immunochemistry for M.Sc. students in Physiology and Immunology	
	Immunoparasitology for M.Sc. students in Immunology	
College of Medicine, King Faisal University, Al-Hufuf, Saudi Arabia	General Biology for Pre-medicine students	English
College of Veterinary, King Faisal University, Al-Hufuf, Saudi Arabia	General Biology for 1 st year student	English
College of Clinical Pharmacy, King Faisal University, Al-Hufuf, Saudi Arabia	Physiology (1) for 2 nd year student	English
	Immunology for 4 th year students	
College of Science, King Faisal University, Al-Hufuf, Saudi Arabia	Physiology (1) for 3 rd year students (Biology)	Arabic
	Physiology (2) for B.Sc. students (Biology)	
	Principles of Immunology for B.Sc. students (Biology)	
	Research Essay for B.Sc. graduate students (Biology)	
	Graduate Project for B.Sc. graduate students (Biology)	
College of Education, King Faisal University, Al-Hufuf, Saudi Arabia	Animal Physiology for 4 th year students (Biology)	Arabic
	Principles of Biology for B.Sc. students	
Medical College of Wisconsin, Milwaukee, WI, USA.	Molecular Biology and Immunology for technicians and undergraduate and postgraduate students	English

Course development: The main achievements pertaining to developing course contents and teaching methods.

Gaining new and updated information and techniques during my stay in Germany and in USA, through personal communications with other scientists from different countries, during the processing of co-research works, and *via* internet helped me to develop my teaching way and courses. The main development includes teaching updated knowledge from the most recent papers from high standard international journals, explaining to the students the reason(s) for teaching a particular course and what are the relations with other courses of Zoology. Initiating the student's talent for research, in particular, during their graduation projects. Informing the students not only the phenomenon or the discovery, but also how the scientists were thinking, what was the environment during their achievements, and how did they reach to their findings.

SUPERVISION

Title of theses or dissertation	Degree	University/Institution
Effect of Green and Black Tea on some Metabolic Activities in Male Albino Rats	M.Sc.	Faculty of Science, Ain Shams University
Physiological and Immunological Studies on the Effect of Fenugreek Seeds (<i>Trigonella foenum-graecum</i>) on Male Albino Rats	M.Sc.	Faculty of Science, Ain Shams University
Effect of Garlic Extract on Some Physiological and Immunological Aspects in Malathion and Carbaryl Treated Male Albino Rats	M.Sc.	Faculty of Science, Ain Shams University
Modulatory Effects of Marjoram (<i>Origanum majorana</i>) on Induced Myocardial Infarction, Immunosuppression and Calstogenicity in Male Albino Rats	M.Sc.	Faculty of Science, Ain Shams University
Evaluation of Anticancer Activity of Whey Protein and Lactoferrin in Chemically Induced Liver Carcinoma in Male Albino Mice	M.Sc.	Faculty of Science, Ain Shams University
Evaluation of the Hypoglycemic, Anti-Inflammatory and Anti-Oxidant Effects of Pomegranate (<i>Punica granatum</i> L.) Seed and Punicalagin on a Diabetic Model of Male Albino Rats	M.Sc.	Faculty of Science, Ain Shams University
Effect of Sodium R-Lipoate and Enzymatically-Modified Isoquercitrin on Mast Cell-Dependent Anaphylactic Reactions	M.Sc.	Faculty of Science, Ain Shams University
Potential Alleviative Activity of Muscone and Escin Against Acetic Acid-Induced Ulcerative Colitis in Mice	M.Sc.	Faculty of Science, Ain Shams University
Potential Prophylactic Effects of Camel Whey Protein and Baicalein "a Plant Flavone" against Type I Hypersensitivity in Male Albino Mice	M.Sc.	Faculty of Women for Arts, Science, and Education, Ain Shams University
The Molecular Mechanism Underlying Bee Gorgenat as a Promising Potential Therapy against CCl ₄ -Induced Liver Fibrosis	M.Sc.	Faculty of Science, Assiut University
Physiological, Molecular and Immunological Studies on the Effect of Garlic on Male Albino Rats.	Ph.D.	Faculty of Science, Ain Shams University
Alleviative Effects of Tea (<i>Camellia sinensis</i>) on Experimentally-Induced Arthritis in Male Albino Rats	Ph.D.	Faculty of Science, Ain Shams University

Evaluation of Anticancer Activity of Fenugreek Seed Aqueous Extract and Diosgenin in Chemically Induced Liver Carcinoma in Male Albino Rats	Ph.D.	Faculty of Science, Ain Shams University
Evaluating and Comparing the Anti-tumor Effects of Alcoholic Extract and Some Bioactive Components of Sweet Marjoram (<i>Origanum majorana</i> L.) on Colon Cancer Cell Line	Ph.D.	Faculty of Science, Ain Shams University
Evaluation of Anti-oxidant and Anti-inflammatory Effects of Brown Seaweed (<i>Sargassum</i> sp.) on Barki Sheep Exposed to Environmental Heat Stress or Challenged with Bacterial Endotoxin	Ph.D.	Faculty of Science, Ain Shams University
Evaluation of Antioxidant and Antiapoptotic Effects of Sodium Hydrosulphide and Zinc-Aspirin Complex against Chemically-Induced Myocardial Injury in Male Rats	Ph.D.	Faculty of Science, Ain Shams University
Potential Alleviative Effects of Sodium R-Lipoate and Enzymatically-Modified Isoquercitrin on Psoriasis-Like Skin Inflammation in BALB/c Mice	Ph.D.	Faculty of Science, Ain Shams University
The Neuro-Immunostimulatory Role of Kinetin against MPTP-Induced Parkinson's Disease in Mice Model	Ph.D.	Faculty of Science, Assiut University

OTHER UNIVERSITY ACTIVITIES

1- Zoology Department - Faculty of Science - Ain Shams University:

Administration duties:

- Head of the Department of Zoology
- Head of the Physiology Branch in Zoology Department
- Head of the Department Chemicals Committee
- Member of the Zoology Department Council
- A Department Representative in a Number of Faculty Councils
- Member of a Committee Responsible for Checking the New Instruments and Listing the Presents Come to the Department
- Member of a Committee Responsible for Reception the Scientific Visitors of the Department
- Member of the Department Quality Assurance Unit
- Member of a Committee Responsible for Development the Scientific Level of the Department
- Member of the Department Seminars Committee
- Member of the Annual Report Preparation Committee of the Department
- Member of the Scientific Journey Committee of the Department

Students related duties:

- Supervision on the undergraduate and postgraduate practical courses
- Preparation of materials required for laboratory sessions
- Preparing, controlling and evaluating oral, practical and theoretical exams

Consultation of Scientific Centre:

- Vice director of Parasitology and Immunology Unit, Scientific Studies and Consultations Center, Faculty of Science, Ain Shams University

2- Hannover Medical School:

- Member of activities and seminars committee of Immunology and Molecular-Biology groups

3- Faculty of Medicine - Wisconsin University:

- Supervision number of research projects in blood and marrow program
- Member of blood and marrow program quality improvement committee
- Member of the seminars committee (Immunological group)

4- Biological Science Department -College of Science - King Faisal University:

- Member of Biological Science Department Council
- Member of the Banner-System and Student Marks Recording Committee
- Member of a committee responsible for determine new labs requirements for girl-students and make a design for animal house with international accepted bio-safety
- Member of Biology-Course Modernization and Specification Committee for Medicine and Veterinary Students (1st year)
- Design whole teaching plan for all Physiological and Immunological courses for students of College of Science including complete specifications (determination of vision and mission, theoretical and practical topics, assessment methods, credit hours and pre-requisites)
- Member of Students Academic Supervision
- Member of the Department Quality Assurance Unit
- Member and Chief of Biosciences Course Specification Committee for Preparatory Year Program of College of Pharmacy, Veterinary, Science, Agriculture and Computer Science
- Member of Department Academic Plan Modification and Development Committee
- Member of Committee for Preparing M.Sc. Program in Biology
- Member of Interview Committee for Demonstrator's Employment
- Member of the Department Laboratories Bio-Safety Committee
- Member of Committee for Performing and Analyzing the Students and Graduates Evaluation Surveys for Department Courses and Programs
- Member and Chief of Committee for Preparing the Department Self-Study

COMPUTER EXPERIENCE

I have a good experience in work with PCs as well as Apple Macintosh computers.

Software	Application
Microsoft Office (Word, PowerPoint and Excel)	Word processor, spread-sheet and data presentation
Internet Explorer and MSN Messenger	Internet searching and receiving and sending Emails
Statistical analysis programs (SPSS and GraphPad Prism)	Using different statistical methods such as T test, ANOVA, etc. Making tables and graphs
Acrobat Reader and Adobe Acrobat Professional	Creation of PDF file and editing, receiving and sending PDF manuscripts, papers and reprints
Adobe Photoshop	For editing photos
EndNote	For searching, loading and write references
Microsoft FrontPage	For designing the websites
Recover My Files and Recover XP	For recovering lost and formatted data

Molecular Biology Software	Software specific for DNA and proteins such as ALIGN, Blast etc. Define the restriction enzymes and sites; converting the DNA nucleotide sequence to amino acids sequence; find out the stop and start codon, and determine the reverse or complement strand
Immunological Software (WinMDI Version 2.8, FCAP-List Flow Cytometry Analysis Software and MHC Class I and II Binding Peptide Prediction)	Software specific for Flow Cytometry application, and to define the MHC class I and II motifs

LANGUAGES

Language proficiency	Reading			Writing			Conversation		
	Excellent	Good	Average	Excellent	Good	Average	Excellent	Good	Average
Arabic	√			√			√		
English	√			√			√		
German		√			√			√	

RESEARCH TOPICS

- More than 35 years' experience in Physiology, Immunology, Molecular Biology, and Tissue Culture researches in addition to the evaluation of the therapeutic efficacy of plants in modulating different physiological and immunological disorders.

RESEARCH PROJECT ACTIVITIES

- Development of novel approaches to immunotherapy against plasmacytoma. This is an applied project aimed to generate cytotoxic T Lymphocytes against neoplastic plasma cells and sponsored by Egyptian Administration of Mission and Hannover Medical School, Germany (code number: BMBF 01 GE 9906) through the period from April 1999 to November 2001 (Principle Investigator).
- Molecular Diagnosis of *Fasciola gigantica* in Egyptian intermediate host (*Lymnaea natalensis* snails) using the polymerase chain reaction (PCR). This is an applied project serving the environment to determine precisely the infection rate in a particular region and sponsored by the Committee of Scientific and Technological Cooperation of the Organization of Islamic Conference, Islamabad, Pakistan and the International Foundation for Science, Stockholm, Sweden (grant number: B/3182) through the period from January 2002 to April 2003 (Co-Investigator).
- Development of novel approaches to immunotherapy and vaccines for immunocompromized patients. This is an applied project aimed to generate T cell lines specific for the prevention or treatment of lethal viral and fungal diseases in immunocompromized patients and sponsored by the Medical College of Wisconsin Cancer Centre, the Shield Family Foundation, the Boynton Fund of the Greater Milwaukee Foundation, the Rebecca Slye Fund and the North-west Mutual Liberty Foundation through the period from March 2003 to February 2008 (Co-Investigator).
- Modulatory effects of some Saudi plants on certain experimentally-induced immunological and physiological disorders. This project spotted the light on plants cultivated and/or consumed in the Kingdom of Saudi Arabia that may have beneficial effects on health and

maintain the homeostasis of the internal environment and sponsored by King Faisal University (grant number: 90066) through the period from April 2008 to April 2010 (Principle Investigator).

- Effect of natural medicinal herbs "dietary turmeric (*Curcuma longa*), ginger (*Zingiber officinale*) and garlic (*Allium sativum*)", as an insulinotropic agents, on experimentally induced diabetes mellitus in rats. This project aims to test some extracts of plants that may have beneficial effects on diabetes mellitus and sponsored by King Faisal University (grant number: 10033) through the period from April 2009 to April 2010 (Co-Investigator).
- Inhibitory effects of *Curcuma longa* on experimentally-induced inflammatory responses in albino rats: Immunological and histological studies. This project aims to evaluate the anti-inflammatory activity of *Curcuma longa* in rheumatoid arthritis and against various inflammatory mediators induced by compound 48/80 in rats as well as on leucocytes influx caused by carrageenan in rat paw edema model. This project is sponsored by King Faisal University (grant number: 120040) through the period from February 2011 to February 2012 (Principle Investigator).
- Evaluation of anti-cancer activity of fenugreek seed aqueous extract and diosgenin in chemically induced liver carcinoma in male albino rats. This project aims to explore the importance of the pro-inflammatory cytokines and their receptors in inducing the inflammatory-apoptotic pathway in liver carcinoma and evaluate the role of some components of fenugreek seed in activating this pathway. This project is sponsored by Academy of Scientific Research and Technology, Egypt, through the period from April 2014 to April 2016 (Co-Investigator).
- Evaluating and comparing the anti-tumor effects of alcoholic extract and some bioactive components of sweet marjoram (*Origanum majorana* L.) on colon cancer cell line. This project aims to evaluate/compare the role of some bioactive components of sweet marjoram in activating the inflammatory-apoptotic pathways through up-regulating the expression of the pro-inflammatory cytokine receptors in colon cancer cells. This project is sponsored by Academy of Scientific Research and Technology, Egypt, through the period from April 2014 to April 2016 (Co-Investigator).
- The novel promising natural products-based therapeutic agents for alleviating the impact of environmental changes on the severity of psoriasis: efficacy, safety, and biomarker results in BALB/c mice. This project aims to evaluate/compare the potential therapeutic effects of some natural, modified, bioactive components against psoriasis-like skin inflammation in the BALB/c Mice. This project is sponsored by Science, Technology, and Innovation Funding Authority (STDF), Egypt, for two years started in August, 2023 (Co-Investigator and Academic Supervisor).

GRANTS AND AWARDS

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|-----------------------|---|
| Nov. 1988 | Prof. El-Tohamy Mosa Award (50 L.E.) for the best B.Sc. student in Zoology-Chemistry. |
| Aug. 1997 - Nov. 2001 | Ph.D. Scholarship in Germany sponsored by the Egyptian Administration of Mission in the field of Molecular Biology/Immunology. |
| Sep. 2000 | EFIS Travel Award (€ 500) for the following abstract:
"G. Ramadan, R. E. Schmidt and J. Schubert (2000). A novel retroviral expression cloning vector targeting the tumor associated-antigen of plasmocytoma by means of a GPI-anchor to the plasma membrane in autologous DCs. <i>Immunology Letters</i> 73(2,3): 126" |

- March 2003 - Jan. 2005 **Postdoctoral Fellowship** sponsored by the Department of Medicine, Blood and Marrow Transplantation Program, Medical College of Wisconsin (Milwaukee, WI, USA) in the field of Molecular Immunology and Immunotherapy.
- Dec. 2003 **ASH Travel Award (\$ 500)** for the following abstract:
“G. Ramadan, S. Konings, V. P. Kurup and C. A. Keever-Taylor (2003). Generation of *Aspergillus*- and CMV-specific T cell responses using autologous fast-dendritic cells (Fast-DC). *Blood* 102(11): 42a”
- Jan. 2004 - Dec. 2004 **Medical College of Wisconsin Cancer Centre New Interdisciplinary Grant (\$ 25,000)** for the following project:
“Generation of *Aspergillus fumigatus*-specific cytotoxic T lymphocytes for potential use in the immunotherapy of *Aspergillus* infection in immunocompromized patients”
- June 2004 **MCW Cancer Centre Trainee Research Paper Award in Basic Science (\$ 600)** for the following paper:
“G. Ramadan, S. Konings, V. P. Kurup and C. A. Keever-Taylor (2004). Generation of *Aspergillus*- and CMV-specific T cell responses using autologous fast-dendritic cells (fast-DC). *Cytotherapy* 6(3):223-234”
- Sep. 2004 **First Advances against Aspergillosis Conference Scholarship Award** for the following abstract:
“G. Ramadan, B. Davies and C. A. Keever-Taylor (2004). Generation of *Aspergillus*-specific T cell responses using protein-spanning pools of *Asp* f16-derived overlapping pentadecapeptides. *Proceedings of the 1st Advances against Aspergillosis Conference*, 57”
- Oct. 2004 **MCW Internal Medicine Fall Research Day Award (\$ 250)** for the following abstract:
“G. Ramadan, B. Davies, V. P. Kurup and C. A. Keever-Taylor (2004). Generation of *Aspergillus*-specific CD8⁺/CD4⁺ T cell responses directed to HLA class I/11 restricted epitopes from the *Aspergillus* f16 allergen. *Proceedings of the Internal Medicine Fall Research day*, 1”
- June 2006 **State Incentive Award (20,000 L.E.) in Biology (Immunology)** from Academy of Scientific Research and Technology, Cairo, Egypt.
- Oct. 2006 **Egyptian Syndicate of Scientific Professions Shield** for the best young scientist.
- March 2007 **Ain Shams University Shield** for the best young scientist.
- April 2007 **Acknowledgment Certificate from the General Directorate of Civil Defense in Saudi Arabia** for organization the educational activity for firemen in Al-Hufof on the nature of radiation: recent applications, seriousness, and protection.
- Dec. 2007 **Acknowledgment Certificate from the General Administration of Education in Saudi Arabia** for organization the educational activity for scientific-societies supervisors in Al-Hufof on safety rules in the biological labs.
- 2007 and 2008 **Acknowledgment Certificates form the Deanship of Student Affairs in King Faisal University in Saudi Arabia** for

2010-2012, 2013, 2015, 2017-2022	organization and supporting the University student activities. Ain Shams University International Publication Award for papers published in the highest impact factor journals that support Ain Shams University world knowing.
June 2011	Students' Certificate for the Best Instructor. Biological Science Department, College of Science, King Faisal university, KSA.
2011-2012	King Faisal University International Publication Award for papers published in the highest impact factor journals that support King Faisal University world knowing.
June 2012	Biological Sciences Department Shield, College of Science, King Faisal University for the best instructor.
June 2012	College of Science Shield, King Faisal University for the best instructor.
Nov. 2016	Highly Cited Researchers Certificate – Thomson Reuters
Feb. 2019	Science Friends Academy Shield for Organizing the Third Scientific Conference of the Academy in Medical Analysis, Immunology, and Tumor Diagnosis.
Jan. 2020	Science Friends Academy Shield for Organizing the Fourth Scientific Conference of the Academy in Medical Analysis, Immunology and IVF Technique.
Mar. 2023	Rama Academy Shield for Organizing the First Scientific Conference of the Academy on Medical Analysis, IVF, Toxins, Nanotechnology, and Quality Management.
Feb. 2024	Rama Academy Shield for Organizing the Second Scientific Conference of Academy on Medical Analyzes and Modern Medical Sciences.

PATENTS

- Eleven new T-cell epitopes for *Aspergillus fumigatus* were recorded by my name in the International Immune Epitope Database (IEDB, <http://www.iedb.org>), California, CA, USA.

Number	Epitope	ID
1	KDAVTWSIDGAVVRT	73075
2	AKGGTRFPQTPMLR	77828
3	ALAAVLPLCSAQTWS	77829
4	GAEFTVAKQGDAPTI	77879
5	HTYTIDWTKDAVTWS	77911
6	KAEVVMKAAPGTGVV	77926
7	MYFKYTAAALAAVLP	77959
8	QETFHTYTIDWTKDA	77977
9	TDFYFFFGKAEVVMK	78029
10	TWSIDGAVVRTLTYN	78048
11	VLPLCSAQTWSKCNP	78061

SCIENTIFIC SOCIETIES MEMBERSHIP

1988 till now	Member of Egyptian Syndicate of Scientific Professions
2002 till now	Member of the Egyptian Society of Zoology
2013 till now	Member of the council of the Egyptian Society of Zoology
2002 and 2006	Member of the Egyptian-German Society of Zoology

2003 and 2004	Member of the American Society for Blood and Marrow Transplantation (ASBMT)
2004 and 2005	Associated Member of the American Society of Hematology
2004 - 2011	Member of the Egyptian Society of Immunology, a member of the International Union of Immunologists (IUIS)
2006	Member of the Union of Arab Biologists

SCIENTIFIC REFEREE

April 2007	Book Title: Introduction in Cell Biology and Histology Author: Dr. EMAN ABBAS MOSA, Associated Professor in Histology, Biological Science Department, College of Science, King Faisal University, Al-Hufuf, Saudi Arabia
May 2008	Project Title: Molecular monitoring of mutations in FANSIDAR resistant genes in <i>Plasmodium falciparum</i> in KSA, and the role of vector immune system in controlling this disease Researchers: - SALEH A. S. AL-QURAI SHY, ASHRAF M. A. ALI, Zoology Department, College of Science, King Saud University, Riyadh, Saudi Arabia - SAAD M. A. BIN-DAJEM, ABDEL-NASSER A. H. AHMED, Department of Biological Science, College of Sciences, King Khaled University, Abha, Saudi Arabia Sponsor: King Abdul-Aziz City for Science and Technology, Riyadh, Saudi Arabia
Feb. 2011	Referee of the 2nd Scientific Conference for Higher Education Students in the KSA - Jeddah. Paper Title: Complete Mosquito Control program Authors: S. N. SAHLOOLY, A. H. HOBANI, M. A. SHOULKAMY
Jun 2011	Cytotechnology (Springer) Article Title: <i>In vitro</i> generation of functionally chronic myeloid leukemia dendritic cells by clinical reagents Authors: KAIZHI WENG, XIAOBAO XIE, GUOQIANG QIU, WEIYING GU
Aug. 2011	British Journal of Nutrition (Cambridge University Press) Article Title: Beneficial effects of ginger (<i>Zingiber officinale</i>) on carbohydrate metabolism in streptozotocin induced diabetic rats Authors: NAFIU BIDE MI ABDULRAZAQ, MAUNG MAUNG CHO, NI NI WIN, RAHELA ZAMAN, MOHAMMAD TARIQUR RAHMAN
Aug. 2011	Journal of Agricultural and Food Chemistry (ACS Publications) Article Title: A matured fruit extract of date palm tree (<i>Phoenix dactylifera</i> L.) stimulates the cellular immune system in mice Authors: KOJI KARASAWA, YUJI UZUHASHI, MITSURU HIROTA, HAJIME OTANI
Jan. 2013	Cytotechnology (Springer) Article Title: Routine culture of low passage colorectal cancer cells and demonstration of variation in selected tumor marker expression Authors: MELANIE ARUL, CHEAH SWEE HUNG, APRIL CAMILLA ROSLANI, COLIN NG LEONG LIONG
Jan. 2013	Referee for the Faculty Promotion Committee of Supreme Council

- of the Egyptian Universities in Zoology and Entomology.
- April 2013 **BMC Complementary and Alternative Medicine (BioMed Central)**
Article Title: Protective effects of Zhuyeqing Liquor on the immune function of normal and immunosuppressed mice *in vivo*
Authors: HONGYING GAO, GUO-YU LI, JIAN HUANG, HANG-YU WANG, SUOMING CHENG, FUZHOU SUN, JIN-HUI WANG
- April 2013 **Referee of the International Conference for Environmental Science (ICES), Cairo Egypt.**
Paper Title: Protein profile of land-snail (*Helix aspersa*) exposed to environmental stress in an urban district
- Jan. 2014 **Egyptian Journal of Zoology**
Article Title: Effect of green tea aqueous extract on thyrotoxicity of lead acetate in male Wistar rats
Authors: KHALED A. ABDDOU, WALA A. MOSELHY, MARWA SALAH
- Feb. 2014 **Egyptian Journal of Zoology**
Article Title: Ameliorative effects of cinnamaldehyde and ellagic acid on hematological alterations associated with pathophysiology of gestational diabetes mellitus in albino rats
Authors: EMAN S. ABDEL-REHEIM, AHMED HOSNI
- March 2014 **Egyptian Journal of Zoology**
Article Title: Possible protection of probiotics upon development of hepatocellular carcinoma in male albino rats
Authors: HEND M. TAG, SAMAR M. ALI, RANIA EL-DESOKY, ZOHOR I. NABIL
- May 2014 **Egyptian Journal of Zoology**
Article Title: Treatment with white button mushroom extract enhanced the anti-tumour effects and lowered the toxicity of chemotherapy in a tumor mouse model
Authors: MOHAMED BASYONY, AFAF M. EL-ATRASH, ASMAA A. SALAMA, MOHAMED L. SALEM
- June 2014 **Egyptian Journal of Zoology**
Article Title: Anaphylaxis, apoptosis and tissue damage under the effect of *Leiurus quinquestriatus* venom
Authors: WESAM M. SALAMA
- June 2014 **Egyptian Journal of Zoology**
Article Title: Lethality, bioaccumulation and toxicity of intranasal-instilled nanoalumina to the glutamate-GABA system in the hippocampus of rats
Authors: G. M. MORSY
- July 2014 **International Journal of Environmental Science and Engineering**
Article Title: Impact of diffused pollution on histological and hematological properties of *Mugil cephalus* and *Mugil capito* collected from lake Manzalah
Authors: S. I. TAYEL, N. A. M. AHMED, M. A. MAHMOUD
- July 2014 **M.Sc. Thesis – Zoology Department – Faculty of Science – Tanta University**
Thesis Title: Assessment of the Impact of Acute Inflammation on the Anti-Cancer Responses in a Mouse Model
Name of the student: SOHAILA MOHAMMED GALA –

- Demonstrator in Zoology Department – Faculty of Science – Tanta University
- Sep. 2014 **M.Sc. Thesis – Zoology Department – Faculty of Science – Ain Shams University**
Thesis Title: Effect of Garlic Extract on Some Physiological and Immunological Aspects in Malathion and Carbaryl Treated Male Albino Rats
Name of the student: REHAB SAID AHMED – Department of Heavy Metals, Central Lab. of Residue Analysis of Pesticides and Heavy Metals in food (QCAP)
- Sep. 2014 **Egyptian Journal of Zoology**
Article Title: Biodistribution and functional reactivity of some immune cells in Peyer's patches, cecal patches and spleen of albino mice after treatment with the nanoparticles
Authors: A. A. AZIZ
- Oct. 2014 **Egyptian Journal of Zoology**
Article Title: Cytotoxic and anti-tumor effects of the chemotherapeutic drug cyclophosphamide in tumor bearing mice are time and dose dependent
Authors: MOHAMED L. SALEM, MOHAMED N. M. NASSEF, SOHA G. R. ABDEL-SALAM, IBRAHIM K. ALSHORBAGY, ASMAA S. ATA
- Nov. 2014 **M.Sc. Thesis – Zoology Department – Faculty of Science – Zagazig University**
Thesis Title: Oxidative Stress Parameters in Beta-Thalassemia
Name of the student: AMEIRA IBRAHIM ESMAIL AL-SHEHABY– National research Centre
- Jan. 2015 **Egyptian Journal of Zoology**
Article Title: Variation of natural killer cells phenotype and activity in various stages of hepatitis C virus infection in Egyptian patients
Authors: ASMAA ABDEL-KADER, HOSNI SALAMA, ABDEL-RAHMAN ZEKRI, HANAN ABDEL-HALIM, SOMAYA EL-DEEB
- Jan. 2015 **Egyptian Journal of Zoology**
Article Title: Effect of carrot oil supplementation on oxidative stress in experimentally-induced hypothyroidism and hyperthyroidism in albino rats
Authors: E. S. ABDEL-REHEIM, S. M. ABDEL-TWAB
- Feb. 2015 **Ph.D. Thesis – Zoology Department – Faculty of Science – Ain Shams University**
Thesis Title: Alleviative Effects of Tea (*Camellia sinensis*) on Experimentally-Induced Arthritis in Male Albino Rats
Name of the student: EMAN ALI RASHAD ABDEL-GHFFAR – Assistant lecturer in Zoology Department – Faculty of Science – Ain Shams University
- May 2015 **M.Sc. Thesis – Zoology Department – Faculty of Science – Cairo University**
Thesis Title: Variation of Natural Killer Cells Phenotype and Activity in Various Stages of Hepatitis C Virus Infection in Egyptian Patients
Name of the student: ASMAA ELSAYED MOHAMED ALI – Demonstrator in Zoology Department – Faculty of Science – Cairo

- University
- July 2015 **International Journal of Immunopathology and Pharmacology (SAGE)**
Article Title: *Tinospora cordifolia* inhibits autoimmune arthritis by regulating key immune mediators of inflammation and bone damage
Authors: KUMAR M. SANNEGOWDA, SHIVAPRASAD H. VENKATESHA, KAMAL D. MOUDGIL
- Aug. 2015 **Ph.D. Thesis – Zoology Department – Faculty of Science – Tanta University**
Thesis Title: The Role of Stem Cell Based Therapy in Correction of Immune Dysfunction
Name of the student: ENAS ABDUL-RAOUF MOHAMMED ABDUL-BAKI – Research Assistant in Centre of Excellence for Cancer Research (CECR) – Tanta University
- Aug. 2015 **Egyptian Journal of Zoology**
Article Title: Protective impacts of apple juice on diabetic rat model
Authors: SAMAH M. FATHY, EHAB A. DREES
- Oct. 2015 **Egyptian Journal of Experimental Biology**
Article Title: Treatment with bone marrow products accelerates recovery from anti-cancer associated leukopenia and liver injury in tumor bearing mice
Authors: MOHAMED L. SALEM, KADRY A. EL-BAKRY, NAHED A. OMER, EMAN H. MOUBARK
- Oct. 2015 **M.Sc. Thesis – Zoology Department – Faculty of Science – Mansoura University**
Thesis Title: Protective and Curative Role of Allyl Isothiocyanate against Bladder Carcinogenesis in Rats
Name of the student: WAFAA SAMI MOHAMED ABD-ELKHALEK – Urology and Nephrology Centre – Mansoura University
- Nov. 2015 **M.Sc. Thesis – Zoology Department – Faculty of Science – Al-Azhar University, Assiut Branch**
Thesis Title: Investigation of the Effects of Medicinal Plants on the Immune System in Normal and Tumor Bearing Mice during Chemotherapy
Name of the student: HUSSAM ASKER MOHAMED – Demonstrator in Zoology Department – Faculty of Science – Al-Azhar University, Assiut branch
- Jan. 2016 **Referee for Professor and Assistant Professor Promotion Committee of National Research Centre in Basic Medical Science.**
- Jan. 2016 **Referee for Professor and Assistant Professor Promotion Committee of Desert Research Centre in Physiology (Immunology)**
- Jan. 2016 **Assistant Professor Promotion**
Name of the researcher: Dr. NEVEIN NAIM ADIB FADL – Researcher at Medical Physiology Department – National Research Centre
- Feb. 2016 **Referee for Professor and Assistant Professor Promotion Committee of Madenat Alelem University College (Iraq) in Biology (Immunology).**
- Feb. 2016 **Professor Promotion**
Name of the researcher: Dr. Jabbar Farhan Al-Maadhidi – Assistant

- Professor in Biology Department – Madenat Alelem University College – Iraq
- Feb. 2016 **M.Sc. Thesis – Zoology Department – Faculty of Science – Cairo University**
Thesis Title: The Potential Therapeutic Effects of *Origanum majorana* Extract against Hepatorenal Toxicity Induced by Cisplatin in Male Albino Rats
Name of the student: SHREEN DESOKEY ABD ELHAMED – Demonstrator in Zoology Department – Faculty of Science – Cairo University
- March 2016 **Egyptian Journal of Zoology**
Article Title: Physiological responses in heat stressed male Zarabi goats, after ascorbic acid intake
Authors: ATEF A. ALI, TAREK M. ABDEL KHALEK, ABRAR F. MOSAAD, ANWAR BAKR
- March 2016 **Human and Experimental Toxicology (SAGE)**
Article Title: Methyl palmitate ameliorates thioacetamide-induced acute liver injury through downregulation of IL-6 expression
Authors: AMAL M SHOEIB, ABDELHADI M SHEBL, EMAN SAID, ELSAYED M. AMMAR
- March 2016 **Egyptian Journal of Zoology**
Article Title: PPAR γ upregulation mediates the antidiabetic potential of kaempferol in high-fat diet/streptozotocin-induced diabetic rats.
Authors: SANAA M. ABDE EL-TWAB
- April 2016 **Egyptian Journal of Experimental Biology**
Article Title: An extra-alleviative effect of valerian extract as compared to that of alprazolam drug against immunomodulations caused by restraint stress in rats
Authors: NAGI A. IBRAHIM, SOLIMAN S. IBRAHIM, FATHIA A. MANNAA, KHALED G. ABDEL-WAHHAB, MOHAMED A. ALI
- April 2016 **Human and Experimental Toxicology (SAGE)**
Article Title: Mechanistic study of thiocloprid induced hepatotoxicity on SD rat
Authors: ROY HETAL, BALAKRISHNAN SURESH
- May 2016 **M.Sc. Thesis – Zoology Department – Faculty of Science – Minia University**
Thesis Title: An Assessment of the Biochemical and Immunological Effects Induced by Amphetamine in Rats
Name of the student: MARWA SAFAA ELDIN MOHAMMED – Demonstrator in Zoology Department – Faculty of Science – Minia University
- May 2016 **Egyptian Journal of Zoology**
Article Title: Modulatory and antioxidant effects of lipoic acid on cyclosporine A-induced renal and hepatotoxicity in male albino rats
Authors: NORA E. M. SHAHEEN, BATA H. ABD-EL AZIM, MAGDA S. H. AFIFI
- May 2016 **Egyptian Journal of Zoology**
Article Title: Cardioameliorative effect of gallic acid on streptozotocin induced myocardial injury in male rats
Authors: MAGDA M. A. ELKOMY

- May 2016 **Indian Journal of Traditional Knowledge (CSIR-NISCAIR)**
Article Title: Curative remedies for rheumatoid arthritis: Herbal informatics approach for rational based selection of natural plant products
Authors: ANKIT TANWAR, PALLAVI THAKUR, RAMAN CHAWLA, MD. MERAJ ANSARI, ANKITA SINGH CHAKOTIYA, SIDDHARTH GUSAIN, RAJEEV GOEL, RAJESH ARORA, HAIDER ALI KHAN, RAKESH KUMAR SHARMA
- May 2016 **M.Sc. Thesis – Zoology Department – Faculty of Science – Cairo University**
Thesis Title: Phenotyping and Cytokines Profiling of Myeloid Dendritic Cells in Breast Cancer Patients
Name of the student: HADIR HOSHAM ABDEL-FATAH – Demonstrator in Zoology Department – Faculty of Science – Cairo University
- June 2016 **Indian Journal of Traditional Knowledge (CSIR-NISCAIR)**
Article Title: Rheumatoid arthritis – pharmacology and its management with traditional herbs
Authors: PREMANAND A NIGHOJKAR, MUNIRA MOMIN, SUVARNA P PHADATARE
- June 2016 **Assistant Professor Promotion**
Name of the researcher: Dr. MAHMOUD ABDEL-LATIF – Lecturer at Zoology Department – Faculty of Science – Beni-Suef University
- June 2016 **M.Sc. Thesis – Zoology Department – Faculty of Science – Mansoura University**
Thesis Title: Therapeutic Effects of Bone Marrow Stem cells in Diabetic Rats
Name of the student: DINA AHMED IBRAHIM IBRAHIM EL-GALADY – Zoology Department – Faculty of Science – Mansoura University
- July 2016 **Egyptian Journal of Zoology**
Article Title: Biochemical and molecular studies on tramadol-mediated pituitary-gonadal axis and ovarian dysfunctions in adult female albino rats
Authors: SANAA M. ABD EL-TAWAB
- July 2016 **Referee for the Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia** for the 2016-2017 academic years.
- Aug. 2016 **Project Title:** Immunophenotyping of peripheral blood T-Cell subpopulations of Camels (*Camelus dromedaries*)
Researchers: JAMAL HUSSEN, AHMAD M. I. AL-LWAIMY, Department of Microbiology and Parasitology, College of Veterinary Medicine, King Faisal University, Al-Hufuf, Saudi Arabia
Sponsor: Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia
- Aug. 2016 **Project Title:** Protective and curative role of camel milk, probiotics and α -lipoic acid against acrylamide induced peripheral neuropathy in rats: a comparison study
Researchers: KHALED ASHRY, YEHYA A. H. ALY, ABD AL-AZYM M. I. I.,

- Department of Clinical Studies, College of Veterinary Medicine, King Faisal University, Al-Hufuf, Saudi Arabia
- Sponsor:** Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia
- Aug. 2016 **Project Title:** Improving performance heat stressed broiler chickens by the use of novel feed additives
- Researchers:**
SAED AL-SULTAN, SHERIEF M. A. DIAB, ABOU BAKER M. A. EDREES, Department of Public Health and Animal Care, College of Veterinary Medicine, King Faisal University, Al-Hufuf, Saudi Arabia
- Sponsor:** Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia
- Aug. 2016 **Project Title:** The inhibitory properties of newly synthesized purine derivatives against the DNA metabolizing enzyme thymidylate kinase
- Researchers:**
MOHAMAD AL-NAZAWI, ABDULLAH ALTAHER, MAHMOUD KANDEEL, Department of Physiology, Biochemistry, and Pharmacopeia, College of Veterinary Medicine, King Faisal University, Al-Hufuf, Saudi Arabia
- Sponsor:** Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia
- Aug. 2016 **Project Title:** Genetic polymorphism of thiopurine S-methyltransferase in Saudis
- Researchers:**
ABDULLAH ALTAHER, MOHAMAD I. M. MOHAMAD, MAHMOUD KANDEEL, Department of Physiology, Biochemistry, and Pharmacopeia, College of Veterinary Medicine, King Faisal University, Al-Hufuf, Saudi Arabia
- Sponsor:** Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia
- Aug. 2016 **Project Title:** Influence of incubation temperature on sex ratio and postnatal performance of broiler chicken
- Researchers:**
EZZ ELDEEN OSMAN, KHALED A. S. ALBUSEEDA, Department of Physiology, Biochemistry, and Pharmacopeia, College of Veterinary Medicine, King Faisal University, Al-Hufuf, Saudi Arabia
- Sponsor:** Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia
- Aug. 2016 **Project Title:** The relationship between genetic variations, phenotypic characteristics, blood metabolites and their effects on some enzymatic activities in the main dromedary camels breeds in Saudi Arabia (with references to liver and kidney functions)
- Researchers:**
MOHAMED MANDOUR, SALAH A. M. AL-SHAMY, AHMAD I. M. AL-SHAIKH, Department of Public Health and Animal Care, College of Veterinary Medicine, King Faisal University, Al-Hufuf, Saudi Arabia
- Sponsor:** Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia
- Aug. 2016 **Project Title:** Physiological and biochemical correlation among

oxidative stress biomarkers, heat shock proteins and heat shock factors with or without antioxidants in the diet of heat stressed broiler chicks

Researchers:

IBRAHIM AL-BOKHADAIM, SABRY M. B. AL-BAHR, Department of Physiology, Biochemistry, and Pharmacopeia, College of Veterinary Medicine, King Faisal University, Al-Hufuf, Saudi Arabia

Sponsor: Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia

Aug. 2016 **Ph.D. Thesis – Zoology Department – Faculty of Science – Al-Azhar University, Assiut Branch**

Thesis Title: Protective Effects of Some Natural Extracts against Isoniazid Induced Hepatotoxicity in Adult Male Rats

Name of the student: MAHMOUD ASHRY IBRAHIM ABD EL-TAWAB – Assistant Lecturer in Zoology Department – Faculty of Science – Al-Azhar University, Assiut branch

Aug. 2016 **Project Title:** Ameliorative effect of sandalwood essential oil on brain ischemia through toll like receptors

Researchers:

NANCY S. A. YONIS, MAGED E. M. MOHAMED, Department of Pharmacology, College of Clinical Pharmacy, King Faisal University, Al-Hufuf, Saudi Arabia

Sponsor: Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia

Aug. 2016 **Project Title:** Antidiabetic potential of novel thymoquinone derivatives as agonist of PPAR- γ in high fat fed experimental type-2 diabetic rats

Researchers:

ASYA TAHA, Department of Biomedical Sciences, College of Clinical Pharmacy, King Faisal University, Al-Hufuf, Saudi Arabia

MOHAMED M. M. ISMAIL, Department of Physiology, Biochemistry, and Pharmacopeia, College of Veterinary Medicine, King Faisal University, Al-Hufuf, Saudi Arabia

NASHWA H. M. ZAHER, KRISTOF TRA, Department of Pharmacology, College of Clinical Pharmacy, King Faisal University, Al-Hufuf, Saudi Arabia

Sponsor: Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia

Sep. 2016 **Project Title:** Optimum sun exposure time and effect of sun exposure on vitamin D level in KFU students

Researchers:

Mohamed Mohamed, Mosad A. S. Seif, Gosy B. H. Becapathy, Abdul-Rahman A. A. Al-Zofr, Department of Biomedical Sciences, College of Medicine, King Faisal University, Al-Hufuf, Saudi Arabia

Sponsor: Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia

Sep. 2016 **Project Title:** Assessment of the anticancer efficacy of *Nigella sativa* in oral cavity squamous cell carcinoma

Researchers:

Abdul-Wadood Mohammed, Ibraheem Al-Jabar, Department of Surgery, College of Medicine, King Faisal University, Al-Hufuf, Saudi Arabia

- Mossad A. S. Seif, Department of Biochemistry, College of Medicine, King Faisal University, Al-Hufof, Saudi Arabia
 Krisha S. D. Sreehari, Department of Pathology, College of Medicine, King Faisal University, Al-Hufof, Saudi Arabia
Sponsor: Deanship of Scientific Research, King Faisal University, Al-Hufof, Saudi Arabia
- Sep. 2016 **Project Title:** Protective effect of punicalagin against hepatotoxicity in rats challenged with cyclophosphamide
Researchers:
 Amr Ahmed, Wafaey M. G. Goma, Department of Biomedical Sciences, College of Medicine, King Faisal University, Al-Hufof, Saudi Arabia
Sponsor: Deanship of Scientific Research, King Faisal University, Al-Hufof, Saudi Arabia
- Sep. 2016 **Project Title:** Effects of examination stress on immune regulation and bacterial viability in healthy undergraduate university students
Researchers:
 Hosam Eldeen Anwar, Ahmed H. H. Hashem, Abdul-Raouf A. M. Al-Otiby, Department of Biomedical Sciences, College of Medicine, King Faisal University, Al-Hufof, Saudi Arabia
Sponsor: Deanship of Scientific Research, King Faisal University, Al-Hufof, Saudi Arabia
- Sep. 2016 **Project Title:** Inflammatory biomarkers in patients with periodontitis and coronary heart disease and/or diabetes mellitus
Researchers:
 Abdul-Raouf A. M. Al-Otiby Department of Biomedical Sciences, College of Medicine, King Faisal University, Al-Hufof, Saudi Arabia
Sponsor: Deanship of Scientific Research, King Faisal University, Al-Hufof, Saudi Arabia
- Dec. 2016 **M.Sc. Thesis – Zoology Department – Faculty of Science – Beni-Suef University**
Thesis Title: Assessment of the Effect of Bee Venom and/or Hesperidin on Complete Freund's Adjuvant-Induced Arthritic Rats
Name of the student: EMAN ABDEL-MOHSEN AHMED SAYED – Demonstrator in Zoology Department – Faculty of Science – Beni-Suef University
- Jan. 2017 **M.Sc. Thesis – Zoology Department – Faculty of Science – Assiut University**
Thesis Title: Immunomodulatory Effects of Camel Whey Protein in Streptozotocin-Induced Type I Diabetic Albino Mice
Name of the student: LEILA HASSAN SAYED HUSSEIN – Demonstrator in Zoology Department – Faculty of Science – Assiut University
- Feb. 2017 **Professor Promotion**
Name of the researcher: Dr. NOHA AHMED MAHANA – Assistant Professor at Zoology Department – Faculty of Science – Cairo University
- March 2017 **Ph.D. Thesis – Zoology Department – Faculty of Science – Ain Shams University**

- Thesis Title:** Evaluation of Anticancer Activity of Fenugreek Seed Aqueous Extract and Diosgenin in Chemically Induced Liver Carcinoma in Male Albino Rats
Name of the student: HANAA FATHY ABD EL-SAMIE – Assistant Lecturer in Zoology Department – Faculty of Science – Ain Shams University
- Mach 2017 **Beni-Suef University Journal of Basic and Applied Sciences**
Article Title: *Ulva lactuca* hydroethanolic extract suppresses experimental arthritis *via* its anti-inflammatory and antioxidant activities
- Mach 2017 **Egyptian Journal of Experimental Biology**
Article Title: The anticancer potential of lemongrass and cinnamon extracts on human hepatocellular carcinoma cell line (HepG2): the possible effectiveness of combined treatment
Authors: SOBHY HASSAB EL-NABI, ISLAM EL-GARAWANI, AYA EL-BERRY
- April 2017 **M.Sc. Thesis – Zoology Department – Faculty of Science – Ain Shams University**
Thesis Title: Evaluation of the Hypoglycemic, Anti-Inflammatory and Anti-Oxidant Effects of Pomegranate (*Punica granatum* L.) Seed and Punicalagin on a Diabetic Model of Male Albino Rats
Name of the student: AYA MOHAMMED HUSSEIN – Demonstrator in Zoology Department – Faculty of Science – Ain Shams University
- April 2017 **Professor Promotion**
Name of the researcher: Dr. SOAD NADY IBRAHIM HAMED – Assistant Professor at Zoology and Entomology Department – Faculty of Science – Helwan University
- April 2017 **Member of the Referee Committee of the Scientific Excellence Award of Helwan University for the academic year 2016-2017.**
- June 2017 **Professor Promotion**
Name of the researcher: Dr. BAHAA KENAWY ABUEL-HUSSEIN ABDEL-SALAM – Assistant Professor at Zoology Department – Faculty of Science – Minia University
- July 2017 **Egyptian Academic Journal of Biological Sciences**
Article Title: Determination of acetylcholinesterase activity in different brain regions of rats treated with chlorpyrifos
Authors: SALAH M. E. SOLIMAN
- Aug. 2017 **M.Sc. Thesis – Zoology Department – Faculty of Science – Beni-Suef University**
Thesis Title: Histopathological, Ultrastructural and Biochemical Effects of *Cynara scolymus* in Nicotinamide/Streptozotocin-Induced Diabetic Rats
Name of the student: ASMAA ADEL ABD EL-FATTAH
- Oct. 2017 **Mansoura Journal of Biology**
Article Title: Effects of silymarin and mesenchymal stem cells on biochemical and hematological damages induced by gamma radiation in albino rats
Authors: H. A. IBRAHIM, M. R. EL-SAWI, A. Z. MAHMOUD, M. N HABZA
- Oct. 2017 **Assistant Professor Promotion**
Name of the researcher: Dr. MOHAMED NASEF – Lecturer at

- Zoology Department – Faculty of Science – Tanta University
- Nov. 2017 **Egyptian Journal of Zoology**
Article Title: Immunomodulatory activity of *Moringa oleifera* and curcumin in cyclophosphamide-immunosuppressed male rats
Authors: NOHA AHMED MAHANAA, MARWA M. ABOU ELDAHABB, MEDHAT ALIB, AMINATAHAABD EL AZIZC, ABD ELRAHMAN MOHAMMED ATTIAD, REHAM SHAWKY RAMADANC
- Nov. 2017 **Egyptian Journal of Zoology**
Article Title: Effect of *Uncaria Rhynchophylla* on cadmium toxicity of vital organs and body weight of male albino rats
Authors: NAGWA ABDELSTAR, NOHA M. ABOGRESHHA, AIDA A. HUSSEIN, ZOHOUR I. NABIL
- Dec. 2017 **Book Title:** Principles of Immunology
Author: Prof. Dr. HAMZA N. HANYA, Prof. Dr. MONA Y. EL-TWAYSY, Prof. Dr. RABAB S. HAMD (King Faisal University, Al-Hufuf, Saudi Arabia)
- Feb. 2018 **Member of the Referee Committee of the Scientific Excellence Award of Sadat City University for the academic year 2017-2018.**
- March 2018 **Project Title:** Role of inflammatory cytokines and co-inherited alpha thalassemia in modulating sickle cell anemia with high fetal globin in the eastern province of Saudi Arabia
Sponsor: Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia
- March 2018 **Project Title:** Simultaneous determination of calcium channel blockers and statins by Liquid Chromatography and /or Capillary Electrophoresis in formulations and plasma: application to preclinical pharmacokinetic studies
Sponsor: Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia
- March 2018 **Project Title:** Exploring myrrh oil protective effects on myocardial infarction in rats
Sponsor: Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia
- March 2018 **Project Title:** Simultaneous determination of metoprolol, lovastatin, and lisinopril serum concentration using RP HPLC method
Sponsor: Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia
- March 2018 **Project Title:** Nanoparticles fabrication by Buchi nano B-90 spray drier: *in vitro* and *in vivo* characterization
Sponsor: Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia
- March 2018 **Project Title:** Production of rabbit anti-camel immunoglobulin G (IgG) conjugated with horseradish peroxidase for first time in Saudi
Sponsor: Deanship of Scientific Research, King Faisal University, Al-Hufuf, Saudi Arabia
- April 2018 **Assistant Professor Promotion**
Name of the researcher: Dr. SOHA GOMA RAMADAN – Lecturer at Zoology Department – Faculty of Science – Tanta University
- April 2018 **Professor Promotion**

- Name of the researcher:** Dr. SALWA REFAT EL-ZAYAT – Assistant Professor at Medical Physiology Department – National Research Centre
- April 2018 **Ph.D. Thesis – Zoology Department – Faculty of Science – Ain Shams University**
Thesis Title: Evaluation of Anti-oxidant and Anti-inflammatory Effects of Brown Seaweed (*Sargassum* sp.) on Barki Sheep Exposed to Environmental Heat Stress or Challenged with Bacterial Endotoxin
Name of the student: WAFAA ADEL ABD EL-AZIZ FOUDA – Assistant Researcher in Physiology and Poultry Department – Animal and Poultry Production Division – Desert Research Centre – Cairo
- July 2018 **Referee for the Professor and Assistant Professor Promotion Committee of Al-Azhar University in Zoology, Entomology, and Marine Science.**
- Aug. 2018 **Professor Promotion**
Name of the researcher: Dr. FAYEZ MUHAMMAD SHALDOUM – Assistant Professor at Zoology Department – Faculty of Science – Al-Azhar University (Cairo Branch)
- Sep. 2018 **Ph.D. Thesis – Zoology Department – Faculty of Science – Al-Azhar University, Assiut Branch**
Thesis Title: Proteins Linked to Working Memory in the Rats
Name of the student: AHMED MOHAMED MAHMOUD HUSSEIN – Assistant Lecturer in Zoology Department – Faculty of Science – Al-Azhar University, Assiut Branch
- Oct. 2018 **Ph.D. Thesis – Zoology Department – Faculty of Science – Ain Shams University**
Thesis Title: Evaluating and Comparing the Anti-tumor Effects of Alcoholic Extract and Some Bioactive Components of Sweet Marjoram (*Origanum majorana* L.) on Colon Cancer Cell Line
Name of the student: MAI MAMDOUH HASSAN HOSNI ZAHRA – Assistant Lecturer in Zoology Department – Faculty of Science – Ain Shams University.
- Nov. 2018 **Egyptian Journal of Zoology**
Article Title: The effects of *Cichorium intybus* L. extract on some biochemical parameters and thyroid hormones in potassium dichromate treated rats
Authors: ENAS S. ABDEL-BAKY, KHALED A. GOMAA
- Nov. 2018 **Professor Promotion**
Name of the researcher: Dr. RANDA E. EL-NAGGAR – Assistant Professor at Zoology Department – Faculty of Science – Tanta University
- Dec. 2018 **BMC Immunology**
Article Title: Changes of B cell subsets in central pathological process of autoimmune encephalomyelitis in mice
Authors: YINGJUNE XIONG, SHAOMIN CHENG, XIAOMU WU, YUE REN, XUFANG XIE
- Dec. 2018 **Egyptian Journal of Zoology**
Article Title: Bioaccumulation and toxicokinetics of the orally administered nanosized nickel and cobalt (II, III) oxides in male albino rats

- Dec. 2018 **Authors:** ATEF ABDEL-MONEEM ALI
Egyptian Journal of Zoology
Article Title: Bioaccumulation and biomarkers toxicity of aluminium oxide nanoparticle in some brain regions of male albino rats
- Jan. 2019 **Authors:** GAMAL M. MORSY, AMAL A. KINAWY
Egyptian Journal of Aquatic Biology and Fisheries
Article Title: The effect of different salinity concentrations on the chemical analysis and time appearance of feces for *Cyprinus Carpio*
- Jan. 2019 **Authors:** HASAN A. AL HILALI, MOHAMMED S. AL-KHSHALI
Egyptian Journal of Aquatic Biology and Fisheries
Article Title: Effects of *Allium sativum*, *Mentna piperita* and *Oregano vulgare* extracts on growth and immune indices of *Huso huso*
- May 2019 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Physiological, bioaccumulation of heavy metals and histopathological changes in gonads of catfish, *Clarias gariepinus* inhabiting Lake Maryout, Alexandria – Egypt
- July 2019 **Authors:** HEBA H. ABDEL-KADER, MOHAMED H. MOURAD
Egyptian Journal of Aquatic Biology and Fisheries
Article Title: Toxicity of lead (Pb) to hematology responses of Java Barb (*Barbonymus gonionotus*)
- Aug. 2019 **Authors:** HARI SUPRAPTO, KUSNOTO, LINA ERMAWATI, HADYAN ZUL HAKIM, SUCI NUR HIDAYATI
M.Sc. Thesis – Zoology Department – Faculty of Science – Ain Shams University
Thesis Title: Evaluation of Anticancer Activity of Whey Protein and Lactoferrin in Chemically Induced Liver Carcinoma in Male Albino Mice
- Aug. 2019 **Name of the student:** MARWA MAHMOUD MOHAMMED
Professor Promotion
Name of the researcher: Dr. EMAD ABD EL-AZIZ AHMED
Assistant Professor at Zoology Department – Faculty of Science Assiut University
- Sept. 2019 **Member of the Faculty Promotion Committee of the Supreme Council of the Egyptian Universities in Zoology and Entomology.**
- Sept. 2019 **Ph.D. Thesis – Zoology Department – Faculty of Science – Menoufia University**
Thesis Title: Immunomodulatory and Anti-Tumor Effects of Muramyl Dipeptide and Lactoferrine Against Ehrlich Ascetic Carcinoma During Chemotherapy in Mice
- Sept. 2019 **Name of the student:** DALIA SAMI IBRAHM MORSI – Assistant Lecturer in Zoology Department – Faculty of Science – Menoufia University
Professor Promotion
Name of the researcher: Dr. AHMED ESMAT ABDEL MONEIM
Assistant Professor at Zoology and Entomology Department – Faculty of Science – Helwan University
- Oct. 2019 **M.Sc. Thesis – Zoology Department – Faculty of Science – Assiut University**
Thesis Title: Studying the Molecular Mechanisms Underlying the Immunoprotective Effect of Propolis Against CCl₄-Induced Liver

- Fibrosis in Male Albino Mice
Name of the student: EMAN ABDO SAYED AHMED – Demonstrator in Zoology Department – Faculty of Science – Assiut University
- Jan. 2020 **M.Sc. Thesis – Zoology Department – Faculty of Science – Port-Said University**
Thesis Title: Biochemical and Histological Study on the Effects of Excess Use of Vitamin E in Male Albino rats
- April 2020 **Baghdad Science Journal**
Name of the student: EMAN ELSSAYED ELARABY SAAD
Article Title: Evaluation of serum resistin in obese type two diabetes mellitus patients in Mosul city, Iraq
- April 2020 **International Journal of Cancer and Biomedical Research**
Article Title: Impact of interleukin 7 (IL-7) on the differentiation and anti-tumor capabilities of CD8 T cells
Authors: ABDEL-AZIZ A. ZIDAN, MUOBARAK J. TUORKEY
- April 2020 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of dietary supplementation of turmeric powder on some immunological parameters of common carp “*Cyprinus carpio L.*”
Authors: SABAH MAHMOOD HAMAD AL-SHAMMARI
- May 2020 **Baghdad Science Journal**
Article Title: Identification of ghrelin and leptin and their relations with insulin resistance in diabetes mellitus type 2 patients
- May 2020 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Applying a cultured *Brachionus plicatilis* crud extract as a novel source of natural medical bioactive compounds
- May 2020 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Comparative analysis of morphometric characteristics and mucous cell distribution between *Pangasius hypophthalmus* and *Clarias batrachus*
Authors: PAUL VAN SIANG LIAN MANG, WANNEE JIRAUNGKOORSKUL
- May 2020 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Establishment of a cell culture system and characterization of the primary cultures from different organs of Nile tilapia *Oreochromis niloticus* fish
- June 2020 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Physiological and histological alterations in fishes induced by pollution in Lake Nasser and the potential human risk assessment
Authors: SALLY M. SALAAH, DALIA M. EL-GAAR
- July 2020 **Baghdad Science Journal**
Article Title: Effect of testosterone enanthate modeling of polycystic ovary on liver *Irs-2* mRNA expression in rat
- July 2020 **Professor Promotion**
Name of the researcher: Dr. ABEER MAHMOUD BADR – Assistant Professor at Zoology Department – Faculty of Science – Cairo University
- July 2020 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Physiological changes and growth performance of fry

- Nile tilapia (*Oreochromis niloticus*) under toxicity of lead and zinc
Authors: EL-SAYED A. M. SHOKR, MOHAMED K. KHAMES, DOAA K. KHAMES, MOHAMED M. ZENAHM
- July 2020 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Physiological study and growth in Nile tilapia under effect of copper sulfate toxicity
Authors: EL-SAYED A. M. SHOKR, MOHAMED K. KHAMES, DOAA K. KHAMES, MOHAMED M. ZENAHM
- Aug. 2020 **Professor Promotion**
Name of the researcher: Dr. HANY MOHAMED IBRAHIM – Assistant Professor at Zoology Department – Faculty of Science – Menoufia University
- Aug. 2020 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effectiveness of *Carica papaya* leaf against lead induced toxicity in a fresh water fish *Oreochromis mossambicus*
Authors: ARYA P. D., JOSEPH M. L., ANGEL MATHEW
- Sep. 2020 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Probiotic characterization and cholesterol assimilation ability of *Pichia kudriavzevii* isolated from the gut of edible freshwater snail *Pila globosa*
Authors: KATHADE S. A., ASWANI M. A., ANAND P., KUNCHIRAMAN B. N
- Oct. 2020 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Novel extracts of *Callyspongia siphonella* and *Negombata magnifica* from Red Sea induced antiproliferative and proapoptotic activity in HepG-2, MCF-7, and Caco-2 cancer cell lines.
Authors: ISLAM RADY, MANSOUR A. E. BASHAR
- Oct. 2020 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Risk and benefits of farmed versus wild fish consumption in relation to fatty acid compositions in Kingdom of Bahrain
- Nov. 2020 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Phylogenetic characterization based on mitochondrial *cox1* gene analysis, nutritional value, antibacterial and antioxidant potential of the red alga “*Hypnea cornuta*” Collected from the Red Sea - Egypt
Authors: HAIAM M. ABOUL-ELA, REHAM G. EL-KOMY, HOSAM SALEH, MOHAMED S.M. ABD EL HAFEZ
- Nov. 2020 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Reduction of dietary ochratoxin toxicity in Nile tilapia and increasing fish immunity using natural additives
Authors: H. I. EL-MARAKBY, G. A. HELAL, NOURHAN H. AHMED, REHAME M. FAWZY
- Nov. 2020 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Hepatic lipid peroxidation, oxidative stress and biochemical responses in African catfish *Clarias gariepinus* juveniles exposed to sublethal concentrations of herbicide ronstar
Authors: OLUAH NDUBUISI STANLEY, EKECHUKWU NKIRU ESTHER, OLUAH CHIDIMMA, NGENE INNOCENT CHINEDU
- Dec. 2020 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Mudskipper as a bio-indicator for heavy metals pollution

- in the coastal swamp ecosystems
Authors: HERI BUDI SANTOSO, EKO SUHARTONO, RIZMI YUNITA, DANANG BIYATMOKO
- Dec. 2020 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Bioactivity of red algae “*Hypnea cornuta*” extracts as potential antibacterial and antioxidant agents
Authors: HAIAM M. ABOUL-ELA, REHAM G. EL-KOMY, HOSAM SALEH, MOHAMED S.M. ABD EL HAFEZ
- Dec. 2020 **Referee for Professor and Assistant Professor Promotion Committee of Al-Nahrain University (Iraq) in Biology (Immunology).**
- Dec. 2020 **Professor Promotion (Al-Nahrain University, Iraq)**
Name of the researcher: Dr. REBAH N. JABBAR – Assistant Professor at Biotechnology Research Center, Al-Nahrain University
- Dec. 2020 **Baghdad Science Journal**
Article Title: Association of endothelin-I levels with insulin resistance in type-2 diabetes mellitus
- Jan. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of age-at-weaning on the digestive capacity of gilthead seabream (*Sparus aurata*) larvae
Authors: AHMED SALEM, SARA CASTANHO, ANA COUTO, ANAISA SILVA, MARGARIDA GAMBOA, ANA CANDEIAS-MENDES, PEDRO POUSÃO-FERREIRA, LAURA RIBEIRO
- Jan. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Detection of green synthesized silver nanoparticles and their antagonistic effect against fish larvae pathogenic bacteria
Authors: ISLAM I. ABOGABAL, ALI H. IBRAHIM, MOHAMED A. ABU EL-REGAL, MAHMOUD H. MOHAMMED, NASSER M. HOSNY
- Feb. 2021 **Assistant Professor Promotion**
Name of the researcher: Dr. ABDELAZIZ ZIDAN – Lecturer at Zoology Department – Faculty of Science – Damanhour University
- Feb. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: The biological and defensive role of *Holothuria atra* as anti-endocrine disruption agent in Nile tilapia individuals
Authors: RAGAA F. FATHY, SHALLAN M. A, WAGDY K. B. KHALIL, SAMAH M. BASSEM, FAGR KH. ABDEL-GAWAD, ABDEL-RAHIM E. A
- Feb. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effects of extenders, cryoprotectants, and freezing methods on sperm quality and fertilisation rate of European sea bass (*Dicentrarchus labrax*)
Authors: MAGDY R. BADR, ZAHER M. RAWASH, HANY M. HASSAN, M. A. AMER, MOHAMED E. ELARABY, KAREEM M. AHMED
- Mar. 2021 **An arbitrator for the submitted scientific production to the State Incentive Awards in the advanced technological sciences that serve the fields of basic sciences for the year 2020**

- Mar. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Evaluation of molluscicidal, miracidial and cercaricidal activities of crude aqueous extracts of *Origanum majorana*, *Ziziphus spina-christi* and *Salvia fructicosa* on *Schistosoma mansoni* and *Schistosoma haematobium*
Authors: MOHAMED F ABOU EL-NOUR
- Mar. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Antioxidant, antimicrobial and cytotoxic activity of some common seaweed along West Coast of Maharashtra
Authors: A. V. WAGHMODE, C. U. NARAYANKAR, M. S. NIMBALKAR, M. S. PATIL
- Mar. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of *Rosemarinus officinalis* leaves extract on growth performance, innate immune response, antioxidant activity, and disease resistance of Nile tilapia
Authors: ALSHIMAA. A. KHALIL, HEBA M. EL-SHAER, MOHAMED. HASSANIN, DOAA. A. EL-ARABY, GAMAL. EL-NOBI
- Apr. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Is the consumption of *Tilapia zillii* and *Clarias gariepinus* from Edku Lake — El Beheira Governorate —Egypt safe for humans: a physiological and biochemical study and determination of five trace elements
Authors: HEBA H. ABDEL-KADER, MOHAMED H. MOURAD, AFAF MOHAMED M. HAREDI
- Apr. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Overview of herbal biomedicines with special reference to coriander (*Coriandrum sativum*) as new alternative trend for the development of aquaculture
Authors: AHMED ABDOU SAID, RASHA M. REDA, HEBA M. ABD EL-HADY
- Apr. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Medicinal plants and immune status of fish – a review
Authors: NIPA GUPTA, SHIKTA RANI KAR, ANINDITA CHAKRABORTY
- Apr. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Inhibitory effect of nano-selenium on the recurrence of *Aeromonas hydrophila* bacteria in *Cyprinus carpio*
Authors: AHMED H. SHERIF, MOFEED Y. GOUDA, MOHSEN A. ZOMMARA, ABEER H. ABD EL-RAHIM, KARIMA F. MAHROUS, SOAD SABRY ABD-EL HALIM SALAMA
- Apr. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Marine, freshwater and terrestrial snails as models in the biomedical applications
Authors: AMINA M. IBRAHIM, AHMED A. HAMED, MOSAD A. GHAREEB
- Apr. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: The influence of continuous and intermittent *Bacillus subtilis* AQUA-GROW® application on whiteleg shrimp, *Litopenaeus vannamei*, immune-related genes

- Apr. 2021 **Authors:** EL-BARBARY Y. A., GAAFAR A. Y., YOUNES A. M., EL-ASHRAM A. M.
Egyptian Journal of Aquatic Biology and Fisheries
Article Title: Time course RT-qPCR study on immune, growth, and stress-related gene expression in *Bacillus subtilis* supplemented overstocked shrimp, *Litopenaeus vannamei*
Authors: EL-BARBARY Y. A., GAAFAR A. Y., YOUNES A. M., EL-ASHRAM A. M.
- Apr. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Gonad-stimulating potential of laserpuncture in male African sharptooth catfish (*Clarias gariepinus*)
Authors: DYAH HARIANI, DWI ANGGOROWATI RAHAYU, PUNGKY SLAMET WISNU KUSUMA
- May 2021 **Baghdad Science Journal**
Article Title: The immunohistochemically estimation of CD63 in Iraqi patients with gastric cancer (GC)
- May 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Evaluation of carbamide perhydrate against *Bulinus truncatus*, the snail intermediate host of *Schistosoma haematobium*
Authors: HEBAT-ALLAH A. S. DOKMAK. HANAN S. MOSALAM, MAGDY T. KHALIL, MOHAMED A. EL-EMAM, TAREK A. EL-TAYEB
- May 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Growth-promoting and immunomodulatory impacts of commercial stimulants in kuruma shrimp, *Penaeus japonicus* (Bate, 1888), juveniles
Authors: EL-SAYED HEMDAN EISSA, CHE-ZULKIFLI C. I, ASHRAF A. EL-BADAWI, MERVAT A. M. ALI, BAGHDADY. E. S, OMAYMA M. ABD AL-KAREEM, RAGAA A. AHMED
- June 2021 **An arbitrator for the submitted scientific production to the Science Simplification Award of the Academy of Scientific Research and Technology for the year 2020**
- June 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Role of exogenous thyroxin hormone on eggs, thyroid gland development and growth performance of monosex Nile tilapia, *Oreochromis niloticus* Larvae
- June 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Establishment of a cell culture system and characterization of the primary cultures from different organs of Nile tilapia *Oreochromis niloticus* fish
- June 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: ZnO nanoparticles in fish packaging: antifungal mechanism and shelf life study
Authors: NAGWA THABET ELSHARAWY, WAF A. BAABDULLAH, ALI ALKALADI
- June 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Bioaccumulation of some heavy metals in water and tissues of naturally infected *Oreochromis niloticus* from two polluted sites in Egypt, with reference to related oxidative stress
Authors: YASMIN A. REYAD, SAMIA ELBAHNASAWY, VIOLA

- H. ZAKI
- June 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Application of electrodialysis in industrial waste water recovery on surface water: membranes evaluation and removal of heavy metal ions
Authors: AYA SH. MOHAMED, AMR S. EL-SHAMY, MOSTAFA M. EMARA, RABAB M. ABOU SHAHBA
- June 2021 **Baghdad Science Journal**
Article Title: ROLE OF INSULIN RESISTANCE IN THE DEVELOPMENT OF OVARIAN POLYCYSTOSIS
- July 2021 **Professor Promotion (Supreme Council of the Egyptian Universities)**
Name of the researcher: Dr. SAMAH MAMDOH FATHY – Assistant Professor at Zoology Department – Faculty of Science – Fayoum University
- July 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Regulation of immune response by probiotics and their significance in aquaculture
- July 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Evaluation of bioactive phytochemical characterization, antioxidant, antimicrobial, and antihemolytic properties of some seaweeds collected from Red Sea coast, Egypt
Authors: MOHAMMED I ELKHATEEB, ALAA M.H. EL-BITAR, SAMAR R. SALEH, ABDELBASET M. A. ABDELREHEEM
- July 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Comparison of two different DNA extraction methods to obtain high DNA quality from *Astacuse ptodactylus*
Authors: MEHRNOUSH AMINISARTESHNIZI
- July 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Molecular identification of spawning aggregation of *Lethrinus nebulosus* in the Egyptian Red Sea
Authors: B. E. ABDELMENEAM, M. I. AHMED, F. F. MADKOUR, M. H. HANAFY
- July 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of three plant oils on immune response gene expression in the diets of common carp in floating cages
- July 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of adding garlic *Allium sativum* powder in diet of common crap *Cyprinus Caprio* L. on histopathological and biochemical criteria
- July 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Whey protein concentrate powder as a growth promoter and an immunostimulant agent for *Oreochromis niloticus* (Linnaeus, 1758) fingerlings
Authors: AHMED I. MEHRIM, MOHAMED M. REFAEY, OSAMA A. ZENHOM
- July 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Edku Lake tilapia fish quality estimation through physiological analysis regards trace element accumulation, antioxidants enzyme, proximate composition, and human health risk assessment as

- the ultimate consumer
Authors: HEBA H. ABDEL-KADER, MOHAMED H. MOURAD
 July 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Using clove and mint oils as natural sedatives to increase the transport quality of broodstock Nile tilapia (*Oreochromis niloticus*)
Authors: ASHRAF Y. EL-DAKAR, SHYMAA M. SHALABY, HEBA T. ABDELSHAFY, MOHAMED F. ABDEL-AZIZ
- Aug. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Impact of phenolic compounds on free amino acid contents and electrophoretic patterns of the Nile Tilapia, *Oreochromis niloticus*
Authors: SARA ALI MANSOUR, FATMA AFIFI ALI EL DEEB, FAWZIA A. A. ABD EL-RAHMAN, MAGDY TAWFIK KHALIL
- Aug. 2021 **M.Sc. Thesis – Zoology Department – Faculty of Science – Ain Shams University**
Thesis Title: Effect of Sodium R-Lipoate and Enzymatically-Modified Isoquercitrin on Mast Cell-Dependent Anaphylactic Reactions
Name of the student: GEHAN WAHEED ABDEL-NABY ABDEL-RAHMAN – Demonstrator in Zoology Department – Faculty of Science – Ain Shams University
- Aug. 2021 **M.Sc. Thesis – Zoology Department – Faculty of Science – Port-Said University**
Thesis Title: Biological Studies on the Edible Crab *Callinectes sapidus* and Evaluation of the Anticancer Activities of Hemolymph and Hepatopancreas
Name of the student: SOMAIA MOSAD MOHAAMED ZAKZOK
- Aug. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Genotoxicity and limbs asymmetry in the Egyptian toad (*Sclerophrys regularis*) as biomarkers for heavy metals toxicity
Authors: NOURA M. A. KHATTAB, SAMY A. SABER, BOSHR A. EL-SALKH, RASHAD E. M. SAID
- Aug. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effects of some feed additives on growth performance and physiological parameters of *Oreochromis niloticus*
Authors: RAKY F. ATTALLA, SUSAN H. FADDA, SHADY A. SALAH EL-DEIN
- Aug. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Statistical optimization of chitosan production using marine-derived *Penicillium chrysogenum* MZ723110 in Egypt
Authors: NOURA A. EL -FAR, YOUSSERIA M. SHETAIA, AHMED M.A, REHAB M. AMIN, DALIA A. M. ABDOU
- Aug. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of different levels of Chlorella-based diets on growth performance and hematological parameters of silver carp, *Hypophthalmichthys molitrix*, fingerling stage
Authors: SUSAN H. FADDA, RAKY F. ATTALLA
- Aug. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Influence of olive leaves additive on growth parameters and physiological activities of *Sarotherodon galilaeus*
Authors: RAKY F. ATTALLA, SUSAN H. FADDA, MARWA M.

- ZAHER
- Aug. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of endocrine disrupting chemicals exposure on reproduction and endocrine functions using the zebrafish model
- Aug. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Assessment of *Ocimum Basilicum* plant extracts on *Schistosoma mansoni* infected *Biomphalaria alexandrina* snails and mice
Authors: HANAN S. MOSSALEM, GEHAN L. ABUELENAIN, ASMAA S. MOHAMED, TAMER S. MOHAMED, KHALED M. ZAYED, SOHEIR S. MAHMOUD
- Aug. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Nutritional composition and amino acid profile of crayfish by-product meal
Authors: SHABAN EL-SHERIF, MAHAMED ABOU-TALEB, SAYED M. IBRAHIM, ABDELRAHMAN S. TALAB, SAFWAT ABDELGHAFOR
- Aug. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: The effect of pollution on the level of fibroblast growth factor 23 in *Oreochromis niloticus* and *Clarias gariepinus* that collected from River Nile, Rosetta branch
Authors: SOHA M. HAMDY, FATMA ADEL YAHIA, ABDELRAHMAN SAID TALAB
- Sep. 2021 **M.Sc. Thesis – Molecular Biology Department – Genetic Engineering and Biotechnology Research Institute – University of Sadat City**
Thesis Title: Association Between Genetic Polymorphism of Interferon Gamma-Inducible Protein 10 (IP-10) and Interferon Gamma (IFN- γ) on the Outcome of Treatment of HCV Infected Patients
Name of the student: SHIMA HAMDY SAEED EL-SHARNOBY
- Sep. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Seasonal variations in the proximate composition of wild captured and farm cultured pangas in Bangladesh
Authors: MD. REFAT JAHAN RAKIB, M. U. M. ABU ZAKARIA, HABIB UL HASSAN, M. F. A. ABDEL-AZIZ, MD. ANISUZZAMAN
- Sep. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Assessment of bacterial population and enterotoxins profile of smoked fish
Authors: AHMED M. ELAZZAZY
- Sep. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effects of hot and cold smoking processes on physicochemical, microbiological and sensory properties of segan fish
Authors: SHABAN A. EL-SHERIF, MAHAMED ABOU-TALEB, ABDELRAHMAN S. TALAB, HASSAN R. M. IBRAHIM, SAFWAT ABDELGHAFOR
- Sep. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of different hydrocolloids on the quality criteria of fish fingers during frozen storage
Authors: ABDELRAHMAN S. TALAB, MAHAMED ABOU-TALEB

- Sep. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Detection of heavy metals contamination in water, fish, diet, sediment, and plant from different fish farms
Authors: HALA E. GHANNAM , GHADA T. BELAL, GHADA S. ABDELAZIZ, SOHA M. HAMDY
- Sep. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Evaluation of insulin-like growth factor-I (IGF-I) in *Oreochromis niloticus* collected from different polluted water sources
- Sep. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Coral bleaching occurrence along the Egyptian coast of the Red Sea during the summer heat stress period, 2020
Authors: MUHAMMAD Y. A. DOSOKY, MOHAMED I. AHMED, FEDEKAR F. MADKOUR, MAHMOUD H. HANAFY
- Sep. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Status of symbiodiniaceae abundance in hard corals during the 2020 bleaching event along the Egyptian Red Sea coast
Authors: MUHAMMAD Y. A. DOSOKY, MOHAMED I. AHMED, FEDEKAR F. MADKOUR, MAHMOUD H. HANAFY
- Sep. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of different nitrogen sources on cell density and biochemical compositions of *Nannochloropsis oculata* sp for marine hatcheries
Authors: NEAMA EL-ARABY, SHYMAA SHALABY, ASHRAF EL-DAKAR
- Oct. 2021 **M.Sc. Thesis – Zoology Department – Faculty of Science – Cairo University**
Thesis Title: Effect of Taurine-Loaded Nanoparticles on Acetic Acid-Induced Colitis in Rats: Immunological Study
Name of the student: OSAMA AHMED GALAL MOHAMED – Demonstrator in Zoology Department – Faculty of Science – Cairo University
- Oct. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Biochemical and nutritional studies on tilapia fed orange peel additive
Authors: RAKY F. ATTALLA, SUSAN H. FADDA, AND FADY R. MICHAEL
- Oct. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Phylogenetic analysis of Red Sea tiger snake eel *Myrichthys maculosus* (Family Ophichthidae) by using 16S rRNA
- Oct. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Larvicidal activity and ultrastructural abnormalities in the ovaries of the housefly, *Musca domestica*, induced by the soft coral, *Ovabunda macrospiculata*, synthesized ZnO nanoparticles
Authors: AHMED I. HASABALLAH, IBRAHEEM M. M. GOBAARA, HUSSEIN A. EL-NAGGAR
- Oct. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: The effect of *Bacillus cereus* organism on Fish and its effect on Human health
Authors: AML M. RAGAB, MAHA R. BASYONI, ENAS A. I. KHORIS, NADIA A. ABD ELGHANY

- Oct. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of heavy metals contamination on biochemical parameters and enzyme activity of Nile tilapia from different fish farms
Authors: HALA E. GHANNAM, GHADA T. BELAL, GHADA S. ABDELAZIZ, SOHA M. HAMDY
- Oct. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Comparative histological and functional studies on the brain of some fresh water fishes during prespawning and spawning seasons
Authors: DALIA A. SABRY, HASSAN I. H. EL-SAYYAD, HEBA A. EL-GHAWEET, TASNEEM R. SALEH, AMOURA M. ABOU-ELNAGA
- Oct. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: The effect of chamber bitter (*Phyllanthus amarus*) extract on the quality of snakehead (*Channa striata*) fillets during ice storage
Authors: TRAN MINH PHU, HUYNH THI KIM DUYEN, NGUYEN LE ANH ĐAO, NGUYEN THI NHU HA, NGUYEN QUOC THINH
- Oct. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of three plant oils on immune-related gene expression and activity of some enzymes with *Aeromonas hydrophila* infection in common carp
- Oct. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: An alternative diet from agriculture wastes as feed for grass carp (*Ctenopharyngodon idella*) in an integrated agri-aquaculture system in the Eastern Desert and its influences on haematology, blood biochemistry, and immune status
- Oct. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Antimicrobial and antifouling activities of the cellulase enzyme produced by marine fungal *Geotrichum candidum* strain Gad1
Authors: AHMED M. GAD, WALEED B. SULEIMAN, HASSAN A.H. IBRAHIM, HUSSEIN EL-SHEIKH, EHAB A. BELTAGY
- Oct. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Utilization of taro leaves in diet of *Oreochromis nloticus*
Authors: RAKY F. ATTALLA, SABRY S. EL-SERAFY, SUSAN H. FADDA, NASSR-ALLAH H. ABDEL-HAMEID
- Nov. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of *Aeromonas sobria* infection on gills and skin histopathology in Nile tilapia reared under biofloc and clear water systems
Authors: MOHAMED BAKR, SHAYMAA ABDELMALEK, ASHRAF SULOMA, MOHAMED A. AWAD, SAAD ATTIA
- Nov. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: How does weaning anticipation affect gilthead seabream (*Sparus aurata*) larvae digestive capacity, growth, and survival?
Authors: AHMED MD. SALEM, SARA CASTANHO, ANA COUTO, ANA CANDEIAS-MENDES, ANAISA SILVA, MARGARIDA GAMBOA, PEDRO POUÇÃO-FERREIRA, LAURA RIBEIRO
- Nov. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Bioactive compounds from a haloalkalitolerant *Streptomyces* sp. EMSM31 isolated from Om-Risha Lake in Egypt

- Authors:** MERVAT A. ARAYES, ENAS A. NAWAR, SORAYA A. SABRY, MONA E.M. MABROUK
 Nov. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Comparative physiological aspects of plasma hemostasis of some commercial fish species
Authors: BEREZINA DARIA IGOREVNA, FOMINA LUYBOV LEONIDOVNA
- Nov. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Microbial pigments: sources and applications in the marine environment
Authors: SAHAR WEFKY MOSTAFA HASSAN, MOHAMED ABDEL-RAHIEM ALI ABDRABO, ASMAA ELSAYIS
- Nov. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Salinity variation as a limiting environmental factor and its effect on biochemistry and protein quality in *Tilapia zillii*
Authors: AMR M. NASEF
- Nov. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Purification and characterization of a thermostable β -mannanase from halophilic *Aspergillus terreus* strain ARSA associated to a mangrove plant of Red Sea coast, Egypt, and its application in mannooligosaccharides production and juice clarification
Authors: AIDA M. FARAG, ALIAA M. EL-BORA, RANA H. MORSY, SAMY A. EL-ASSAR
- Nov. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Growth performance, hematological, biochemical, and histological characters of *Tilapia (Oreochromis niloticus, Linnaeus, 1758)* cultivated in aquaponic system with Green Onion: first study about aquaponic system in Sohag, Egypt
- Nov. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Monitoring the relationship between alteration in environmental factors and nutritive value of *Rissoidea desmaresti* (Crustacea)
Authors: AMR M. NASEF
- Nov. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Elimination (or mitigation) impact of zinc and selenium on reproduction profile of hybrid red tilapia treated with sub-lethal dose of water soluble fractions (WSFs) of petroleum crude oil
- Dec. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Immunomodulatory role of dietary *Chlorella vulgaris* against *Aeromonas hydrophila* infection in Nile tilapia (*Oreochromis niloticus*)
Authors: SALAH M. ALY, SHYAM M. MOHY ELDIN, MOHAMED E. ABOU-EL-ATTA, NASHWA ABDEL-RAZEK, NOHA I. ELBANNA
- Dec. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Studies on digestive enzymes in different size groups of *Channa aurantimaculata* Musikasinthorn, 2000
Authors: PUBALI BHUYAN, RIMEN BORDOLOI, MOIRANGTHEM KAMESHWOR SINGH

- Dec. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Influence of water temperature and salinity on rearing of Nile tilapia fry under biofloc culture system
Authors: M. A. ELNADY, R. K. ABDEL-WAHED, M. A. SALEM, BASMA SOLIMAN
- Dec. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Biochemical evaluation of the carp hypophyseal homogenate as spawning stimulator in teleosts
Authors: MOHAMED F. KORA, MOSTAFA A. MOUSA, NOHA A. KHALIL
- Dec. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: An investigation pineapple remnants used in fish aqua feeds
Authors: RAKY FAKHRY ATTALLA, SABRY SADEK EL-SERAFY, SUSAN HASSAN FADDA
- Dec. 2021 **Baghdad Science Journal**
Article Title: Evaluation of beta-2 integrin and platelets in sickle cell disease patients and studying their role in pathogenicity
- Dec. 2021 **Assistant Professor Promotion**
Name of the researcher: Dr. AYMAN MAHER IBRAHIM – Lecturer at Zoology Department – Faculty of Science – Cairo University
- Dec. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Comparative study of CYP1A expression in *Oreochromis aureus* from different regions of Lake Manzala, Egypt
Authors: AHMED M. HAL, MOHAMED A. H. EL-KADY, AIMAN H. ATTA, SAFAA I. EL DEEB, MOHAMED ABDEL-SALAM RASHED
- Dec. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Suppressive of hepatotoxicity caused by lead and cadmium in sea bass *Dicentrarchus labrax* by using algal mixture of *Spirulina platensis* and *Chlorella vulgaris*
Authors: SOHA S. HASANEIN, AMR M. HELAL
- Dec. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Genotypic characterization of some dermatropic and systemic bacterial pathogens affecting two commercial Red Sea fishes
Authors: ASMAA W. SOLIMAN, MOHAMED ABDELSALAM, ABBASS SAYED ABOULEZZ; MAHMOUD ABOU-OKADA, MAHMOUD S. SHARAF, LUTFI A. AL MESILATY, GHADA O. EL-DEMERDASH, ELSAYED A. ELDESSOUKI, ALAA ELDIN EISSA
- Dec. 2021 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Water exchange characteristics between Lake Burullus and the Mediterranean Sea
Authors: EBTESSAM E. E. MOHAMED; MAGED M. A HUSSEIN; TAREK M. EL-GEZIRY; ALI I. BELTAGY AND MOHAMED A. SHETA
- Dec. 2021 **M.Sc. Thesis – Zoology Department – Faculty of Science – Suez Canal University**
Thesis Title: Assessment of Biochemical, Pharmacological, and Antibacterial Effects of Crude Venom of *Conus virgo* from Marsa

- Alam, Egypt
- Dec. 2021 **Name of the student:** ANAS AHMED MOHAMED
Egyptian Journal of Aquatic Biology and Fisheries
Article Title: Combined effect of moringa (*Moringa oleifera*) water extracts and vacuum packaging on the quality and lipid oxidation of sun-dried punti (*Puntius sophore*) during storage
Authors: MD. GOLAM RASUL, CHUNHONG YUAN, KEFENG YU, KOICHI TAKAKI, A. K. M. AZAD SHAH
- Dec. 2021 **Ph.D. Thesis – Zoology Department – Faculty of Science – Tanta University**
Thesis Title: Longitudinal Study on the Stimulatory and Inhibitory Phenotype of Innate and Adaptive Immune Cells in Breast Cancer Patients
Name of the student: LOBNA ISMAIL ELSAYED ASSY
Egyptian Journal of Aquatic Biology and Fisheries
Article Title: Seasonal variations in the abundance and diversity of zooplankton community inhabiting River Nile and its branches at Qena governorate, Upper Egypt
Authors: WAFAA A. MOHAMMAD, AHMAD H. OBUID-ALLAH, AHMED S. MOUSTAFA, AND AZZA M. GABER
- Jan. 2022 **Baghdad Science Journal**
Article Title: Revision of cytokines with other biochemical parameters in breast cancer
- Jan. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Investigating proximate composition and amino acid profiles of sea cucumbers collected from Nam Du Island, Kien Giang province, Vietnam
Authors: LY VAN KHANH, NGUYEN THI NGOC ANH, TRAN DAC DINH
- Jan. 2022 **Evaluator for High School STEM Projects in Egypt (2021-2022)**
- Jan. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Biochemical variables and histopathological alterations in carp fish *Cyprinus carpio* exposed to water-borne cadmium toxicity
Authors: MOHAMMED A. JASIM ALDOGHACHI
- Jan. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: *Macrogyrodactylus* spp. and bacterial co-infection in farmed African catfish *Clarias gariepinus*
- Jan. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Elimination (or mitigation) impact of zinc and selenium on reproduction profile of hybrid red tilapia treated with sub-lethal dose of water soluble fractions (WSFs) of petroleum crude oil
Authors: HAGAR SEDEEK
- Jan. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Probiotic *Bacillus subtilis* BF12 prevents *Vibrio parahaemolyticus* infection and enhances growth of juvenile *Penaeus monodon*
Authors: EFREN E. TEMARIO, JERWIN G. BAURE, EMELYN JOY G. MAMELOCO, ROWENA E. CADIZ, REX FERDINAND M. TRAI FALGAR

- Feb. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Antibacterial activity of bioactive compounds from endophytic fungi against some bacterial pathogens of fresh water fish
- Feb. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Green synthesis of silver nanoparticles using chitosan extracted from *Penaeus indicus* and its potential activity as aquatic larvicidal agent of *Culex pipens*
Authors: AHMED A EL-MEHDAWY, MOHAMMAD KORIEEM, REHAB M. AMIN, AHMED Z.I. SHEHATA, AND HUSSEIN A. EL-NAGGAR
- Feb. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Anticancer and antimicrobial activities of the novel lactic acid bacterium, *Lactobacillus brevis* A13, isolated from the gut of the polychaete, *Perinereis nuntia*
Authors: AMIRA M. HAMDAN, ALI ALYAMI, MOHAMED M. DORGHAM, HASSAN AWAD AND RASHA HAMDY
- Feb. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Probiotic bacteria isolated from saline tilapia green water culture system inhibit gut colonization and prevent infection of *Aeromonas hydrophila* in juvenile tilapia (*Oreochromis niloticus*)
Authors: J. O. ALBANCES, R. F. TRAI FALGAR
- Feb. 2022 **Ph.D. Thesis – Zoology Department – Faculty of Science – New Valley University**
Thesis Title: Physiological Role of Adenosine Deaminase Inhibitor and Quercetin in Protection of Thioacetamide-Induced Liver Cancer in Male Rats
Name of the student: MARWA ALAMIR MAGDY MOHAMED ALI – Assistant lecturer in Zoology Department – Faculty of Science – New Valley University
- Feb. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: *In vitro* evaluation of antihelminthic activity of praziquantel, flubendazole and some plant extracts against the adult eye fluke (*Philophthalmus palpebrarum*) transmitted by freshwater snails *Melanoides tuberculata*
Authors: ASMAA ABDEL-MOTLEB, MAGDA AYOUB, MENERVA TADROS, FATEM RAMZY, SAMIA EL-BARDICY
- Feb. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Improvement of defense responses and growth of *Citrullus lanatus* var. *Colocynthoides* plant under salt stress conditions by using *Ulva lactuca* extracts
- Feb. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Seasonal variation of biochemical content and nutritional composition, of the newly recorded alga *Grateloupia gibbesii*, Alexandria, Egypt
Authors: N. G. SHAMS EL-DIN, N. A. SHALTOUT, L. I. MOHAMEDEIN
- Feb. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Development of farm type golden variant of *Labeo rajasthanicus* (Pratap Sunahari) through captive breeding

- Feb. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Impact of non-target toxicity of profenofos insecticide on white egret, *Egretta alba* (water bird)
Authors: AYAT TAHA
- Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Bacterial pathogens causing crab (*Callinectes sapidus*) mortality in Suez Canal (El-Temsah Lake) in Ismailia Governorate
Authors: SOAD S. ABD EL-HALIM SALAMA, MOHAMED E. ABOUELATTA, EL SAYED K. ABD EL RAHMAN, AHMED H. SHERIF
- Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Eco-friendly methods for recycling of crayfish "*Procambarus clarkia*" by-product for astaxanthin extraction and quantification
Authors: SALWA A.H. HAMDI, NOUR Y. ELSAYED, MOHAMED M. ALGAYAR, VERINA G. ISHAK, MARIAM M. AHMED, SARA F. AHMED, MOHAMED S. KAMAL, MOHAMED N. ABD EL-GHANY
- Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Chitosan as a possible therapeutic option against COVID-19, an *in silico* perspective
Authors: SALWA A.H. HAMDI, ABDO A. ELFIKY
- Mar. 2022 **M.Sc. Thesis – Zoology Department – Faculty of Science – Assiut University**
Thesis Title: Expression Analysis of a Targeted Gene Panel in Testicular Biopsies from Non-Obstructive Azoospermia (NOA) in Rats & Humans
Name of the student: MAI EMAD EL-DIN MOHAMMED SAYED – Demonstrator in Zoology Department – Faculty of Science – Assiut University
- Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Environmental assessments of bacterial load, epiphytic algae, and their biochemical contents after and before flooding in the main channel of Lake Nasser-Egypt
- Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Bacterial plasmids and their potential applications in marine environment
Authors: HALA E. ABOU EL-HASSAYEB, MOHAMMED A. A. AL SHENAWY, HASSAN A.H. IBRAHIM
- Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of seasons and location on carpet shell clams *Donax semistriatus* (Mollusca: Bivalvia) costal of Mediterranean Sea, Egypt
- Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Histological and histochemical characterization of the ink gland from *Aplysia argus* (Mollusca: Heterobranchia: Aplysiida), Red Sea
Authors: Alaa Y. Moustafa, Hanem S. Abdel -Tawab, Asmaa R. Abdel-Malek
- Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**

- Article Title:** Virulence of *Enterococcus* species isolated from Nile tilapia and human: evaluation of MALDI-TOF-MS diagnostic techniques accuracy in comparison to PCR
Mar. 2022 **Baghdad Science Journal**
- Article Title:** Effects of apigenin and luteolin on cytarabin injected rats (physiological and histopathological changes)
Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
- Article Title:** The anterior salivary gland of *Octopus vulgaris* Secretes protein and does not secrete the mucous
Authors: ALI ABD ELRHEEM IBRAHEEM
Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
- Article Title:** Total leucocytes of milkfish (*Chanos chanos*) and hemocytes of vanname shrimp (*Litopenaeus vannamei*) infected with bacteria *Vibrio harveyi* fed with seaweed *Sargassum* sp.-based feed
Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
- Article Title:** Does *Thymus vulgaris* and *Rosmarinus officinalis* dietary supplementation induce cytogenetic alterations in juvenile Nile tilapia *Oreochromis niloticus*?
Authors: EMAN A. ABDEL GAWAD, HASNAA A. RADWAN, INAS S. GHALY, AMANY A. ABBASS
Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
- Article Title:** Ecological risk assessment and probability of human health risk of two phenolic compounds in different watercourses and *Oreochromis niloticus*
Authors: Fatma Afifi Ali El-Deeb, Magdy T. Khalil, Fawzia A. Abd El-Rahman, Khalil Mohamed El-said, Sara A. Mansour
Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
- Article Title:** Assessment of non-target toxicity of profenofos insecticide on white egret, *Egretta alba* (water bird)
Authors: AYAT TAHA
Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
- Article Title:** Antibiotic resistance genes in *Streptococcus iniae* isolated from diseased *Oreochromis niloticus*
Authors: ASHRAF A. ABD EL TAWAB, FATMA I. EL HOFY, WALAA H. SAAD, EMAD EL-MOUGY, AMIRA A. A. MOHAMMED
Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
- Article Title:** Accumulation and risk assessment of heavy metals-induced biochemical and histopathological alterations in *O. niloticus* from Lake Nasser, Egypt
Authors: NASR M. AHMED, SALLY M. SALAAH, SAFAA I. TAYEL
Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
- Article Title:** Acute toxicity of cinnamaldehyde in profile hematology and gill histology of zebrafish
Authors: RENANDA BAGHAZ DZULHAMDHANI SURYA PUTRA, ASUS MAIZAR SURYANTO HERTIKA, M. FADJAR, FEBRIYANSYAH SAPUTRA
Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
- Article Title:** Antioxidant activity of a scarcely investigated Red Sea

- Brown Alga *Hormophysa cuneiformis* *in vitro* and *in vivo* zebrafish model
Authors: Nehal A. H. K. Osman, Adel A. Siam, Islam M. El-Manawy, You-Jin Jeon
- Mar. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: The exploration immune response induced by ethanol and methanol extract of *Caulerpa lentillifera* on profile hematology and phagocytosis of *Cyprinus carpio*
Authors: ASUS MAIZAR SURYANTO HERTIKA, YUNI KILAWAT, EUIS ELIH NURLAELIH, RENANDA BAGHAZ DZULHAMDHANI SURYA PUTRA, YAYANG FEBRIYANTO
- Apr. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Enhancement effects of microalgae against heavy metals-induced toxicity in *Oreochromis niloticus* fish with emphasis on immunological and histological aspects
Authors: ASMAA ABDEL-MOTLEB, HANAA M. M. EL- KHAYAT, HANAN S. GABER, NOHA S. HELAL, WAFAA A. MOHAMMED, HASSNAA A. SALEH
- Apr. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Gamma-irradiation induced effects on histamine-forming bacteria isolated from chilled mackerel fish
Authors: MOHAMED S. ABD EL-AL, ALI M. SAEED, ALI A. HAMMAD, HESHAM M. SWAILAM, MOHAMED A. ABOUZEID
- Apr. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Comparative evaluation of antioxidant enzymes, lipid peroxidation, nitric oxide and non-microsomal oxidases in *Galatea paradoxa* exposed to varying concentrations of “uproot” a glyphosate-based herbicide
- Apr. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Survival analysis of biochemical response of juvenile Nile tilapia (*Oreochromis niloticus*) exposed to metalaxyl fungicides
Authors: COMFORT IBIDUN ADENE, ADEWALE ISAAC OLUTUMISE, ABOLUPE OLUYEMI AYANBOYE, OYELEYE JACOB OYEDOKUN, TAIWO GIDEON OLOYE, TAIWO EUNICE AKINBOBOLA
- Apr. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Molecular identification of causative bacterial disease on giant gourami (*Ospronomus gouramy*) based on 16S rRNA gene from extensive fishpond in Banjarnegara Regency, Indonesia
Authors: SARJITO, A. BUDIHARJO, A. SABDANINGSIH, R. W. ARIYATI, DESRINA, A. H. C. HADITOMO, S. B. HADITOMO
- Apr. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Hematological, biochemical, and histopathological alterations caused by nematodes parasite *Capillaria* sp. isolated from Red tilapia (*Oreochromis* sp.) in Egypt
Authors: MAI NASHAAT, ASMAA MAGHAWRI
- Apr. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of phytase supplementation on growth performance, body mineral composition and effluent phosphorus content of seabream (*Sparus aurata*)

- Apr. 2022 **Authors:** MOHAMED EL.-S. SALEM, AHMED EL. SALLAM, HEBA M. ABDEL-GHANY
Egyptian Journal of Aquatic Biology and Fisheries
Article Title: Immunomodulatory role of dietary *Chlorella vulgaris* against *Aeromonas hydrophila* infection in Nile tilapia (*Oreochromis niloticus*)
Authors: SALAH M. ALY, SHYAM M. MOHY ELDIN, MOHAMED E. ABOU-EL-ATTA, NASHWA ABDEL-RAZEK, NOHA I. ELBANNA
- Apr. 2022 **Professor Promotion**
Name of the researcher: Dr. MOHAMED SAAD EL-GERBED – Assistant Professor at Zoology Department – Faculty of Science – Damenhour University
- Apr. 2022 **Professor Promotion**
Name of the researcher: Dr. Suhaila N. Darogha – Assistant Professor in Microbiology (Immunology) – College of Education, Salahaddin University-Erbil, Iraq
- May 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Histopathological studies on using thyme and thymol as immunostimulant against experimental *Aeromonas* infection in Nile Tilapia (*Oreochromis niloticus*)
Authors: ISLAM M. WASSIF, RASHA SALAH MOHAMMED
- May 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Efficacy of nano-Cr particles supplementation on mineral absorption and carcass composition of *Labeo rohita* fingerlings fed sunflowers meal based diets
Authors: NISAR AHMAD, SHEIKH MUHAMMAD AZAM, VIJAY LAL, MUHAMMAD FAROOQ, PARSIA RIAZ, GHULAM MUSTAFA
- May 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Adaptive habituation and assessing the feeding effect on growth performance and body composition of an aquarium fish red swordtail, *Xiphophorus hellerii* (Heckel, 1848) in Bangladesh
- May 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Phylogenetic relationship and systematic identification of different shrimp and prawn species in Egypt
Authors: EMAN M. ABBAS, MIKIO KATO, ZAKI Z. SHARAWY
- May 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: The phytase effect on growth performance of sea bream (*Sparus aurata*)
- May 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Occurrence of infectious *Streptococcus agalactiae* in farmed Nile tilapia
Authors: AHMED H. SHERIF, MOHAMED M. ELSIEFY, GEHAN ABDELLATIF, ABEER MAHMOUD, MOFEED Y. GOUDA

- May 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Microbiological quality of water in an urban wetland: Lake Echatt (Wilaya of El-Oued, Algerian Sahara)
Authors: IMAD-EDDINE SAKER, AFFEF BAALOU DJ, HADIA RIZI3, LEILA BOUAGUEL, AMEL BOUAKKAZ, SOUMAYA LAABED, AZZIZA KANNAT, INES HOUHAMDI, SIHEM SEDDIK, MOUSSA HOUHAMDI
- June 2022 **Member of the National Committee for Biological Sciences**, the Academy of Scientific Research & Technology (ASRT), the Ministry of Scientific Research, Cairo, Egypt
- June 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of morin, a flavonoid from Moraceae and some seaweeds, on mortality rate and clinical symptoms in septic mice
Authors: AYA SHEHATA, YOMNA MAHMOUD, BASMA AMIN, ASMAA MAHMOUD, NAGUI FARES
- June 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: *Bacillus subtilis* and *Pseudomonas aeruginosa* as potent protease enzyme producers isolated from the aquatic environment
Authors: USAMA M. TAHOUN, WALAA T. HAMZA
- June 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: The synergy effect of *Spirulina platensis* and/or chitosan nanoparticles on the growth performance, hematological, biochemical parameters, and body composition of European seabass (*Dicentrarchus labrax*)
Authors: AHMED F. FATH EL-BAB, MOHAMED, M. EL-NAWSANY, AHMED, A. EL-BAHLOL, MARWA F. ABDEL-KADER
- June 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Changes in cholesterol and albumin of Nile tilapia exposed to zinc oxide bulk and nanoparticles under the effect of vitamins (E + C)
Authors: HALA ELSHAHAT GHANNAM, AMAL SAID MOHAMED, HANAN ABDELHAMEID SOLIMAN, DALIA M. EL-GAAR, ADEL AMMAR ELLAHAMY
- June 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Biochemical alterations of Nile tilapia fish in El-Manzala Lake as an indicator of pollution impacts
Authors: DALIA M. EL-GAAR, GHADA S. ABDELAZIZ, MAHMOUD MAHROUS M. ABBAS, FIFY R. ANEES1, MAHA E. GENINA, HALA E. GHANNAM, ABDELRAHMAN S. TALAB
- June 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Integrating traditional taxonomy and DNA barcoding for the identification of some bivalves in the Northern Red Sea, Egypt
Authors: KHALED M. ABDELSALAM, EMAN M. ABBAS, MIKIO KATO, ZAKI Z. SHARAWY
- June 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Evaluation of the antioxidant properties of microalgae naturally isolated from Mediterranean Morocco
Authors: IMANE HAOUJAR, FRANCESCO CACCIOLA, HICHAM CHAIRI, AMMAR B.ALTEMIMI, ADIL ESSAFI, JAMAL ABRINI,

- June 2022 NADIA SKALI SENHAJI
Egyptian Journal of Aquatic Biology and Fisheries
Article Title: The effect of diclofenac doses on bones repairing and *coll1a1* gene expression in *Poecilia latipinna*
Authors: NASER A.S. AL-ALNJAWI, HUSSEIN A. SAUD, SAJED S. ALNOOR
- June 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Respiratory response and hemolymph sugar level of the fresh water crab, *Barytelphusa gureini* exposed to heavy metals
Authors: AKHTER ALI SIDDIQUI, ARIF AHMED, NADEEM FATIMA ANSARI
- June 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Carcinogenic and human risk assessments, trace element concentrations, proximate composition, and liver antioxidants of three commercial tilapia fish species from Manzalah Lake, Egypt
Authors: HEBA H. ABDEL-KADER, MOHAMED H. MOURAD
- June 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Supplementation of alginate and spirulina as immunostimulant towards non-specific immune system of *Litopenaeus vannamei* by oral administration
Authors: ERVIA YUDIATI, KURNIA MUKTI GUSTINA, MUHAMMAD ALTYRO AGISEKA YODIKA, NURIL AZHAR, BAMBANG YULIANTO, ADI SANTOSO, MUNASIK, SUNARYO, MOSTAFA IMHMED IGHWERB
- June 2022 **M.Sc. Thesis – Zoology Department – Faculty of Science – Cairo University**
Thesis Title: Immunoprotective Effect of Taurine Against Amikacin-Induced Nephrotoxicity in Rats
Name of the student: AYMAN AZMY AWAD GAD – Zoology Department – Faculty of Science – Cairo University
- June 2022 **Ph.D. Thesis – Zoology Department – Faculty of Science – Assiut University**
Thesis Title: Immunomodulatory and Wound Healing Effects of Bee Gomogenat (Bee Milk) in a Streptozotocin-Induced Type 1 Diabetic Mouse Model
Name of the student: LEILA HASSAN SAYED HUSSEIN – Assistant lecturer in Zoology Department – Faculty of Science – Assiut University
- June 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect on growth performance and condition factor of common carp (*Cyprinus carpio* L., 1758) using challenged system
Authors: RASY FAYAZ CHOH WANI, ISHTEYAQ MAJEED SHAH, IBRAQ KHURSHID, FAYAZ AHMAD, BILAL AHMAD BHAT, UMER AZIZ MIR
- June 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Behavioural, biochemical, and histological evaluation of artificial light on infected freshwater snails *Bimophalaria alexandrina* by *Schistosoma mansoni*
Authors: HUSSEINA. A. A., SAAD EL-DIN M. I., EL-SHENAWY N. S., AND SAYED S. S. M.

- June 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Assessment of the antioxidant capacity of *Lanistes carinatus* tissue extract and its immune-boosting influence on *Biomphalaria alexandrina* against infection with *Schistosoma mansoni*
Authors: RASHA M. GAD EL-KARIM, MOHAMED R. HABIB, MOSAD A. GHAREEB, RASHA EM ALI
- July 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Biometric study, sex ratio, and potential biological activities of the edible mantis shrimp *Erugosquilla massavensis*
Authors: SOMAIA M. ZAKZOK, AHMED G. ABD EL-GHANY, AHMED Y. ANAS, SOHAILA K. DAHSHAN, MERVAT E. RASHAD, MOHAMED YASSER, MOHAMED M. TAWFIK
- July 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Antagonistic effects of dietary parsley and parsley nanoparticles against zinc oxide nanoparticles-induced behavioral, physiological, histopathological alterations, and oxidative stress in Nile tilapia, *Oreochromis niloticus*
Authors: MARIAM N. GODA, ADEL A.M. SHAHEEN, HEBA S. HAMED
- July 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Evaluation of dietary replacement of fish oil with soybean oil on growth performance, feed utilization, haematological parameters, and fatty acid composition of keeled mullet *Liza carinata* fingerlings
Authors: AHMAD M. ABOSEIF, RAMADAN M. ABOU-ZIED, MOHAMED FATHI, ASHRAF M. A.-S. GODA
- July 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Investigation of a balanced healthy diet for human consumption of *Clarias gariepinus* and *Oreochromis niloticus* fish species from Manzalah Lake (Egypt), target cancer/hazard quotient (non-cancer) risk metrics: biochemical and physiological analyses
Authors: HEBA. H. ABDEL-KADER, MOHAMED. H. MOURAD
- Aug. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: GC-MS analysis of *Anadara uropigimelana* and screening of its *in vitro* antioxidant and antiproliferative effect against MCF-7 cells
Authors: AALAA M. EL-SADAT, MOHAMED K. HASSAN, SAMYA H. MOHAMMAD
- Aug. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effects of dietary supplementation of Bacti-nil®Aqua on growth performance, feed utilization, immune responses, and body composition of the Pacific white shrimp, *Litopenaeus vannamei*
- Aug. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Biological activities of secondary metabolites from *Turbinaria triquetra* (Phaeophyceae), *Hypnea cornuta* (Florideophyceae), and *Ulva prolifera* (Ulvophyceae) methanolic extracts
Authors: MOHAMED S. M. ABD EL HAFEZ, MIRAL G. ABD EL-WAHAB, ALI SABER ALI ABDEL-HAMID, DOAA A. GHAREEB, MAHA A. EL DEMELLAWY
- Aug. 2022 **Ph.D. Thesis – Zoology Department – Faculty of Science – Damanhour University**

- Thesis Title:** Studies on the Efficacy of Topical Textiles Loaded with Natural Product (Chitosan) and Nano-Chitosan on Healing Process of Diabetic Foot Ulcer in Albino Rats
Name of the student: AMAL TALAT ABD EL-LATEIF – Assistant lecturer in Zoology Department – Faculty of Science – Damanhour University
- Aug. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Evaluation of dietary fish oil/soybean oil ratios on growth performance feed utilization, haematological indices, and body fatty acid composition of Keeled mullet, *Liza carinata* fingerlings
Authors: AHMED M. ABOSEAF, ASHRAF M. A-S GODA
- Aug. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Phytochemical variation, antioxidant and antidiabetic capacity of extracts of common brown seaweeds from the Red Sea, Egypt
Authors: MONA M. ISMAIL, MARIAM H. MOSTAFA, AMANY M. EL SIKAILY
- Aug. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: New insights into the effectiveness of fungi degraded date pits supplemented diet on the physiological and biological indices of *Oreochromis niloticus* fingerlings
Authors: ELKHOULY, N. M., ASSEM, H. E., SALEH, N. E., EL-DEMELLAWY, M. A., GHAREEB, D. A., EL-SAYED, M.M., ABDULMALEK, S.A.
- Sep. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Antimicrobial activities of a novel marine *streptomyces* sp. MMM2 isolated from El-Arish coast, Egypt
Authors: MONA A. MALASH, MANAL M. A. EL-NAGGAR, MADIHA SALAH IBRAHIM
- Sep. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Does marine synbiotic decreased estradiol oxidative stress impacts in early weaned European seabass (*Dicentrarchus labrax*) larvae?
Authors: AHMED MD. SALEM, M. S. ABOKADAH, N. M. EL-BERMAWI, NADER R. ABDELSALAM
- Sep. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: *Yersinia ruckeri* infection and pathogenicity for cultured *Oreochromis niloticus*
Authors: ASHRAF A. ABD EL TAWAB, FATMA I. EL HOFY, MANAR EISSA, NADIA GABR ALI
- Sep. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Antifungal activity of volatiles emitted from living cultures of *Chlorella vulgaris*, *Desertifilum tharense*, and *Navicula arenaria*
Authors: ASMAA LOTFI ALALLAF, METWALLY KOTTB, AHMED K. EL-SAYED, HESHAM MOHAMED SHAFIK
- Sep. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Antibacterial activity of combination extract of *Piper betle* and *Ocimum basilicum* against *Vibrio harveyi* and *V. alginolitycus*
Authors: HARLINA HARLINA, ANDI HAMDILLAH, ROSMIATI

- Sep. 2022 ROSMIATI, AND SYAHRUL SYAHRUL
M.Sc. Thesis – Zoology Department – Faculty of Science – Suez Canal University
Thesis Title: Cytotoxicity and Mechanism of Action of Scorpion and Snake Venoms on Cancer Cell Lines
Name of the student: REHAM SAMIR ALY MOHAMED
- Sep. 2022 **Baghdad Science Journal**
Article Title: A critical role of IL-37 and dectin-1 during toxoplasmosis
- Oct. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Enzymatic and non-enzymatic antioxidant activity of nine seaweeds from the coast of El Jadida Morocco
Authors: SOUKAINA EL KAFHI, NAZHA SAMRI, LAILA HSAINE, SAMIRA KHLIFI
- Oct. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Immune responses of bivalves to environmental pollution and abiotic Stress
Authors: GILLIAN STEFFY GEORGE LOJUYO, JOANNA W. DOINSING, JULIAN RANSANGAN
- Oct. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Tidal study of hormonal conditions related to puberty molting in mating behavior of mud crab *Scylla serrata*
Authors: EDDY NURCAHYONO, MAHENO SRI WIDODO, ARNING WILUJENG EKAWATI
- Oct. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Single and combined effects of bisphenol A exposure and *Schistosoma mansoni* infection: biochemical and histological implications on *Biomphalaria alexandrina* snails
Authors: SHERIN K. SHEIR, MOHAMED R. HABIB, ABDEL HAMEED A. NASSAR, AZZA H. MOHAMED
- Oct. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effects of dietary marine *Bacillus subtilis* HS1 probiotic, chitosan prebiotic and 2 marine synbiotics mixtures on the growth and oxidative stress of the European seabass (*Dicentrarchus labrax*) larvae
Authors: AHMED M. D. SALEM, HASSAN A. IBRAHIM, REDA SALEH
- Oct. 2022 **M.Sc. Thesis – Biological and Geological Sciences Department – Faculty of Education – Ain Shams University**
Thesis Title: The Probable Protective Role of Eugenol against Silver Nanoparticles Induced Pathogenicity on the Liver and Kidney of Male Albino Rats, Histological, Immunohistochemical and Biochemical Studies.
Name of the student: SOMAYA SAID IBRAHEIM MOHAMED
- Oct. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: The activity of gamma irradiated poly(thiourea–formaldehyde) resin against aquatic microbes and anticancer influence
- Nov. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of oreganum (*Origanum vulgare* L.) essential oil on some immune parameters of the Nile tilapia (*Oreochromis niloticus*)
Authors: SALAH M. ALY, HEBA M. A. ABDELRAZEK, NADA H. EIDAROOS, SAMAR I. MOSTAFA, SAMAR S. MARZOUK, MAI

- Nov. 2022 NASHAAT , DOAA S. FARID, NOHA I. ELBANNA
M.Sc. Thesis – Zoology Department – Faculty of Science – Port-Said University
Thesis Title: Evaluating the Cytotoxicity of Jellyfish (*Rhopilema nomadica*) Venom against Cancer
Name of the student: NOURHAN EISSA KAMAL ABD-ELWAHAB MOHAMED
- Nov. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Enhancement of β -1,3-1,4-glucanase production by marine *Halomonas meridiana* ES021 via statistical methods and cell immobilization
Authors: ALIAA M. EL-BORAI, EHAB A. BELTAGY, EMAN E. GADALLAH, SAMY A. EL-AASSAR
- Nov. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Biochemical and histopathological effects of copper exposure on the liver of *Oreochromis niloticus* with trial of treatment with spirulina
Authors: DINA T. MESHHAL, MEDHAT H. HASHEM, OMAIMA A. KHAMISS, FATMA A. S. MOHAMED
- Nov. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Antibacterial potential of *Tridacna* sp. and pearl oyster aqueous extracts on food spoilage *Salmonella enterica*
Authors: MOHAMED S.M. ABD EL HAFEZ, EL SAYED A.E. HAMED, GAMAL M. HAMAD
- Dec. 2022 **Professor Promotion**
Name of the researcher: Dr. RANIA ABDUL-KAREEM AHMED– Assistant Professor at Zoology Department – Faculty of Science – Suez University.
- Dec. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Bryozoans as a source of new antiparasitic compounds: review
Authors: OSAMA MOHAMMAD SAYED MOSTAFA
- Dec. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Phytochemical screening of bioactive components of the brown seaweed *Sargassum swartzii* and its stimulatory effect on fenugreek and barely
Authors: AZIZA NAGAH, MOHAMMED ALI, SAADIA HAMED, SOHA MOHAMMED
- Dec. 2022 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Estimation of the role of *mrk* genes in *Klebsiella pneumoniae* isolated from river water and clinical isolates
- Dec. 2022 **M.Sc. Thesis – Zoology Department – Faculty of Science – Cairo University**
Thesis Title: Effect of Cyclamate and Saccharin Mixture on the Secretion of Interleukin-10 and the Gene Expression of Its Receptor in Albino Mice
Name of the student: MARWA MAGDY EL DALY – Zoology Department – Faculty of Science – Cairo University
- Jan. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Bioremediation of Heavy Metals in Wastewaters: A

- Concise Review
Authors: AYAT TAHA, WALAA HUSSIEEN, SHAYMAA A. GOUDA
- Jan. 2023 **Ph.D. Thesis – Molecular Biology Department – Genetic Engineering and Biotechnology Research Institute – University of Sadat City**
Thesis Title: Influence of miR-146a Polymorphism on Interleukin-1 (IL-1) and Tumour Necrosis Factor (TNF- α) in Systemic Lupus Erythromatosus (SLE)
Name of the student: BASIMA ABD EL-RAOF ABD EL-AZEEM EL-AKHRAS
- Jan. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: A comparative study of hemolytic and cytotoxic perspectives of saponin from some Egyptian sea cucumber species
Authors: MANAR A. KANDEIL, AALAA A. I. ATLAM
- Feb. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Chitosan-loaded copper and silver nanocomposites as antifungal agents for treatment of pathogenic fungi in aquatic environment
- Feb. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: How to the skin of *Octopus vulgaris* support the animal suitable for their environment?
- Feb. 2023 **M.Sc. Thesis – Zoology Department – Faculty of Science – Alexandria University**
Thesis Title: Effect of *Humulus lupulus* (Hops) Extracts on Induced-Functional Parkinson's Disease (PD) in Albino Mice
Name of the student: RANDA KHAMIES ABD AL-BASSET TAHA – Zoology Department – Faculty of Science – Alexandria University
- Feb. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Antioxidant enzyme activity and lipid peroxidation in some marine species collected from the coast of Benghazi, Libya
Authors: HUSAM DAKHEEL, MONA SAID, HOUSSEIN ELBARAASI, MIKLÓS MÉZES
- Mar. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Halophilic archaea and their applications
Authors: GHADA HEGAZY, MOAZ HAMED, G. M. ABOU-ELELA
- Mar. 2023 **M.Sc. Thesis – Zoology and Entomology Department – Faculty of Science – Helwan University**
Thesis Title: Studying the Protective Role of IL-28B and its Related microRNA in Albino Mice Exposed to Cigarette Smoke
Name of the student: BASMA ASHRAF HUSSEIN GHANEM – Zoology and Entomology Department – Faculty of Science – Helwan University
- Mar. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Relative expression of *Rab7* gene in penaeid shrimp post-larvae reared in different salinity conditions
Authors: MEHED MAHMUDUL HASAN, MD. ANISUZZAMAN, MD. JAHANGIR SARKER, M. NAZMUL HOQUE
- Mar. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Biosorption of heavy metals as a new alternative method

- for wastewater treatment: a review
Authors: SHAYMAA A. GOUDA, AYAT TAHA
- Mar. 2023 **Baghdad Science Journal**
Article Title: Evaluation of proinflammatory cytokines IL-22, IL-8, and IL-17 with degree of gastritis in a sample of Iraqi patients
- Mar. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: The effect of metformin on the reproductive pathway of male sailfin molly "*Poecilia latipinna* (Lesueur, 1821)"
- Mar. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Determination of some haematological parameters and disease resistance capacity to *Aeromonas hydrophila* infection in Nile tilapia, *Oreochromis niloticus* L. fed dietary supplementation of ginger (*Zingiber Officinale*)
- Mar. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Pathogenicity of *Vibrio parahaemolyticus* causes acute hepatopancreatic necrosis disease (AHPND) in vaname shrimp (*Litopenaeus vannamei*) collected from Serang, Banten Indonesia
- Apr. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: The first record is the formation and mechanism of the hyaline cartilage in the Siphonopoda as the model of organisms
Authors: ALI ABDEL RHEEM
- Apr. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Feminization and molecular sexing of Nile tilapia (*Oreochromis niloticus*, L) through sex reversal hormone diethylstilbestrol and molecular markers
Authors: REHAM M. ABD EL-AZEEM
- Apr. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: The selenium supplementation dietary effect on the nutritional value and immune response of the Pacific white shrimp *Litopenaeus vannamei* (Boone, 1931)
Authors: MOAMEN M. AL-MARYOUNI, MONA M. EL-GAMAL, MOHAMMAD KORIEM, HUSSEIN A. EL-NAGGAR, MAHY M. MONA
- Apr. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Immune responses and protective efficacy against streptococcosis following polyvalent inactivated vaccine injection in Nile tilapia, *Oreochromis niloticus*
Authors: AMIRA EL-DAIM, EMAN A. ABDEL GAWAD, AMEL M. EL ASELY, AMANY A. ABBASS, ADEL A. SHAHEEN
- Apr. 2023 **Project Title:** Studying the potential protective role of green coffee coated with magnesium, zinc and selenium nanoparticle against the development of diabetic complications in rats
Sponsor: Scientific Research Fund, Helwan University, Cairo, Egypt
- Apr. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of Contaminated Fish Feed with Low Concentration of Aflatoxin on the Productive Performance and Some Biochemical Parameters of Nile Tilapia (*Oreochromis niloticus*) Fingerlings
Authors: SARA S. EL-NAHAL, MOHAMED A. AMER, MOHAMED F. OSMAN, KAREEM M. AHMED

- Apr. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Detoxification enzymes of *Cataglyphis savignyi* as biomarker for Underground water pollution at Kafr El-Zayat City, Gharbia Governorate, Egypt
- May 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: A first record of *Sphingobacterium thalophilum* isolated from *Coptodon zillii* and *Oreochromis aureus* in the Al-Diwania River/middle of Iraq
- May 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Marine bioactive compounds and their role in osteoporosis treatment in comparison with chemical compounds
Authors: MUHANAD ALHUJAILY
- May 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Immunostimulatory effect of macroalga *Padina pavonica* on the performance of Nile tilapia, *Oreochromis niloticus* challenged with *Aeromonas hydrophila*
Authors: MAI NASHAAT, SAMAR S. MARZOUK, HEBA M. EZZ EL-DIN, ASMAA MAGHAWRI
- May 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Aquatic organisms as a source of bioactive compounds for osteoporosis treatment
Authors: MUHANAD ALHUJAILY
- May 2023 **Baghdad Science Journal**
Article Title: Estimation of serum TLR-9, TNF- α , and IL-6 levels in the Iraqi patients diagnosed with acute myelogenous leukemia
- June 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: The first record is the mechanism of formation of the hyaline cartilage in the Siphonopoda as the model of organisms
Authors: ALI ABDEL RHEEM
- June 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Melanin structure mechanism in *Octopus vulgaris* as the model of organisms, from the Red Sea Egypt
Authors: ALI ABDEL RHEEM
- June 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Impact of fluazifop-P-butyl on histological features and kidney functions of the catfish, *Clarias garipinus*
- June 2023 **Ph.D. Thesis – Zoology Department – Faculty of Science – Damanhour University**
Thesis Title: Evaluation of the Ameliorative Effect of Almond Oil on Etoposide Induced Hepato - Renal Toxicity in Male Rats
Name of the student: AHMED ABD-ELRAOF MOHAMED MOSTAFA ELFEKY – Zoology Department – Faculty of Science – Damanhour University
- June 2023 **M.Sc. Thesis – Zoology Department – Faculty of Science – Cairo University**
Thesis Title: Evaluation of Inhibition of Toll-Like Receptors 4 and 9 on Liver Fibrosis Initiation in Mice
Name of the student: AHMED MOHAMED YOUSSEF EL SEID – Zoology Department – Faculty of Science – Cairo University

- June 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Potential application of chitosan nanoparticles as preservative agent for fishery products
- July 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Arsenic and mercury concentrations, ecological and health risk assessment in freshwater sediment and *Oreochromis niloticus* (Linnaeus, 1758) in a River Nile Canal, Egypt
Authors: SAFAA E. NASSAR, ZEINAB Z. KHATER
- July 2023 **M.Sc. Thesis – Zoology Department – Faculty of Science – Cairo University**
Thesis Title: Bee Venom-Loaded Nanofibers for Treatment of Spinal Cord Injury in Rats
Name of the student: EMAN EID ALI MOHAMED – Zoology Department – Faculty of Science – Cairo University
- July 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Molecular identification of some zoonotic bacteria isolated from fishes *Cyprinus carpio* L. and *Oreochromis niloticus* (L.)
Authors: NADIA A. H. AL SHAMMARI, KHALIDAH S AL-NIAEEM, ADNAN B. AL-HAWASH
- July 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: How the hyaline cartilage formation in the Siphonopoda as the model of higher organisms?
- July 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Chloramine-T serum concentrations and tissue residues after 2 concentrations immersion therapy in tilapia fish
Authors: YASMINE T. ABOSELIMA, MARWA A. HASSAN, NADA FAYEZ, WALEED F. KHALIL, ABDEL-FATTAH M. ABDEL-FATTAH
- Aug. 2023 **Baghdad Science Journal**
Article Title: Anti-infliximab and serum trough levels concerning early response in Iraqi rheumatoid arthritis patients
- Aug. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Tolerance of Red Sea seabream, *Diplodus noct* (Valenciennes, 1830) to physical stressors: immunological and hematological study
Authors: NAHLA HE. M. AHMED, ARAFAH M. EMAM, MOHAMED E. A. EL-METWALLY, MAHMOUD I. EL SAMMAN
- Aug. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Possible ameliorative effect of dietary curcumin against water copper toxicity in *Clarias gariepinus* fish
Authors: KHALID H. ZAGHLOUL, ASMAA F. MAHMOUD, MOHAMED A. HELALY
- Aug. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Impact of some trace elements on the quality of edible fish species and its human health risks from Timsah Lake, Egypt
Authors: GHADA Y. ZAGHLOUL, DOAA GH. GHONIEM, AMIRA Y. ZAGHLOUL, MOHAMED A. HAMED, KHALID M. EL-MOSELHY
- Aug. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: New chitinolytic *Alcaligenes* species strains isolated from

- shrimp shells
Authors: MAI IBRAHIM, SALAH SELIM, MAHMOUD ELHARIRI, HAITHAM A. FARGHALI, SHAIMAA KAMEL, REHAB ELHELW
 Sep. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: The utilization of molecular identification for the validation the morphological identification of cuttlefish (*Sepia pharaonis* Ehrenberg, 1831) from the Suez Canal, Egypt
Authors: AMIRA M. ABDELFAHATTAH, HADEER S. ABU-ELFATH, ALI GAB-ALLA, TAREK A. TEMRAZ, NESREEN K. IBRAHIM
 Sep. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Ultrastructural studies on the protective effect of the blue green alga (*Aphanizomenon flos-aquae*) against carbon tetrachloride-induced hepatotoxicity in mice
Authors: DINA ABD EL-HAMEED, HAMDY SWELIM, EKRAMI A. HASSAN, MONIR A. EL-GANZURI
 Sep. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Isolation, antimicrobial and cytotoxic activity of bioactive secondary metabolites from marine sponge-associated bacteria
Authors: HAIAM M. ABOUL-ELA, AHMED. S. SHEHATA, AIDA M. FARAG, IBRAHIM M. EL-SHERBINY, MAMDOUH ABDELMOGIB
 Sep. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Evaluation of antioxidant and cytotoxic potential of some selected seaweeds: an *in vitro* study
Authors: ALAA M. ABOU-ZEID, SALY F. GHEDA, NESMA A. BEDAIR, EMAN H. F. ABD EL-ZAHAR
 Sep. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Bioremoval of lead from aqueous solutions using the fungus *Talaromyces stipitatus* and its impact on male albino rats
Authors: AYAT TAHA, SHERENE MOHAMED, MENNA ALLAH MAHMOUD, ESRAA SAEED, MAHY FATHY, NADA MOHAMED, SHAYMAA A. GOUDA
 Sep. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Intermittent supply of mannan oligosaccharide boosts Nile tilapia immunity
Authors: AHMED H. SHERIF, MOHAMED Z. BAROMH, MOHAMED EL-SHAARAWY, AMIRA S. EL-KEREDY
 Sep. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Morphometric and molecular characteristics of the species *Cottus Jaxartensis* (Scorpaeniformes: Cottidae)
 Sep. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Benefits of natural immunostimulants derived from fruit by-products added to the diet of *Litopenaeus vannamei*: growth, intestinal microbiota, digestive enzyme activities, immune responses, and economic values
 Oct. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Holy basil: A potent growth and immunity promoting herb for sustainable culture of *Cirrhinus mrigala* (Hamilton, 1822)
Authors: ANITA BHATNAGAR, DEEPIKA MANN
 Oct. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**

- Article Title:** Evaluation of linear alkyl benzene sulfonate (LAS) and physiochemical properties of water in Manzala Lake, Egypt
Authors: MAIE I. EL-GAMMAL, BASMA M. OMAR, HAGAR M. AL-BIALY, DINA H. DARWISH
- Oct. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of dietary *Tinospora cordifolia* supplementation on growth performance and immunity responses of common carp (*Cyprinus carpio*)
Authors: ZAHRAA, M. R. AL-TURAIHI, ARAFAT R. AHMED, KHALIDAH S. AL-NIAEEM
- Oct. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Assessment of water quality and targeted accumulation of some heavy metals in different organs of freshwater fish *Ompok bimaculatus*
Authors: HASNAIN AKMAL, SHABBIR AHMAD, IQRA AKRAM, MUQADAS SHAHZADI, SAJID ALI, ALLAH DITTA, MUHAMMAD SHOAIB, KHURRAM SHAHZAD
- Oct. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Smart system for freshwater pisciculture
- Oct. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Enhancing the value added and quality characteristics of fermented mullet fish (feseekh) by microbial inoculation with *Lactobacillus plantarum* and *Saccharomyces cerevisiae*
Authors: HESHAM F. AMIN, FATMA A. ABDO, OMAIMA M. AHMED
- Oct. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Production optimization and characterization of antioxidant protein hydrolysate from *Piaractus brachypomus* fish meat by probiotic *Bacillus* strain isolated from chicken gizzard
Authors: ALIAA M.A. HASHEM, SANDESH SURESH KARKAL, TANAJI G KUDRE
- Oct. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effectiveness dietary of *Aloe vera* flour supplementation against growth and immunity of catfish (*Clarias gariepinus*)
- Oct. 2023 **Professor Promotion**
Name of the researcher: Dr. Fikry Ali Qadir – Assistant Professor in Microbiology (Immunology) – College of Science, Salahaddin University-Erbil, Iraq
- Oct. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Dry rendering extraction and levels quality of liver oil from shark (*Centrophorus* sp.) by-product Ujong Barong PPI
Authors: ANHAR ROZI, AKBARDIANSYAH, SRI AYU INSANI, ISMAIL SULAIMAN, STEPHANIE BIJA
- Oct. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Application of vitamin E in commercial feed to improve gonadal maturation in blue devil damselfish/sapphire devil (*Chrysiptera cyanea*)
Authors: NURSANTI ABDULLAH, RIYADI SUBUR, MUHAMMAD IRFAN, FATMA MUCHDAR
- Oct. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**

- Article Title:** Effect of probiotic and immunostimulant complex on immune response in Nile tilapia fish challenged with *Aeromonas hydrophila*: a prophylactic approach
Authors: OSAMA A. ABD ALLAH, SALAH M. ALY, MOHAMED E. ABO EL-ATTA, TAGHRID M N ABDELHAKIM. ENAS H. MOHAMED, MOHAMED FATHI
- Oct. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Invasive biomass algae valorization: *Rugulopteryx okamurae* as a sustainable source of natural antioxidants
Authors: MONSIF EL MADANY, MUSTAPHA HASSOUN, OMAR BELMEHDI, BILAL MGHILI, FATIMA EL AAMRI, NOUREDDINE EL MTILI
- Oct. 2023 **Biological and Biomedical Journal**
Article Title: Modulatory effect of *Origanum majorana* leaves extract against diabetic-induced changes in spleen of adult rats
Authors: MOHAMED M. ELGHAZALY, GHADA A. TABL, KAROLIN K. ABD EL-AZIZ, SEHAM MOHAMED EL-FEKI, LAMIAA M. ELSHEFIEY
- Nov. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Environmental DNA for detecting *Luciobarbus barbulus* in Shatt Al-Arab River
Authors: MUSTAFA S. FADDAGH, NIBRAS NAJAM ABOOD
- Nov. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Molecular identification and polymer determination of poly(3-hydroxybutyrate) producing bacteria isolated from *Lutjanus* sp.
Authors: INAYATI RAHMI, ANTHONI AGUSTIEN, AKMAL DJAMAAN
- Nov. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Biosorption of cadmium from aqueous solutions using dead biomass of the fungus *Alternaria tenuissima* and its toxicological effects on male albino rats
Authors: SHAYMAA A. GOUDA, DOAA MAHMOUD EID, TOKA MAHMOUD FATHY ELSHARKAWY, FATMA SHERIF MOHAMED, SHOROUK IBRAHIM MOSTAFA, SALMA ABDELALL HUSSEIN, AYAT TAHA
- Nov. 2023 **M.Sc. Thesis – Chemistry Department – Faculty of Science – Port-Said University**
Thesis Title: Evaluation of the Potential Apoptotic Activities of Some Quinoxaline Derivatives
Name of the student: MAYADA ELSAYED GHARIB METWALLY ELSAKKA
- Nov. 2023 **Ph.D. Thesis – Zoology Department – Faculty of Science – Ain Shams University**
Thesis Title: Evaluation of Antioxidant and Antiapoptotic Effects of NaHS and Zinc-Aspirin Complex against Chemically-Induced Myocardial Injury in Male Albino Rats
Name of the student: REHAB SAID AHMED – Department of Heavy Metals, Central Lab. of Residue Analysis of Pesticides and Heavy Metals in food (QCAP)
- Nov. 2023 **M.Sc. Thesis – Zoology Department – Faculty of Science – Benha**

- University**
Thesis Title: Effect of Algal Extract on Skin Aging in Albino Rats
Name of the student: HANAN AFIFY MAGDY AFIFY
 Nov. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Detection of heat shock protein "HSP70" gene expression, some physiological and histological alterations in Nile tilapia (*Oreochromis niloticus*) treated with boric acid and cadmium
- Nov. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Immune defenses in European eels (*Anguilla anguilla*) post exposure to formalized killed bacterin of *Vibrio vulnificus*
- Nov. 2023 **M.Sc. Thesis – Zoology Department – Faculty of Science – Cairo University**
Thesis Title: Effect of Egyptian Livestock's Milk on Bone Health and Immunity of Albino Rats
Name of the student: MARYAM AMR HILAL HASSAN – Zoology Department – Faculty of Science – Cairo University
 Nov. 2023 **M.Sc. Thesis – Zoology Department – Faculty of Science – Cairo University**
Thesis Title: Efficiency of chitosan nanoparticles loaded with desert date "*Balanites aegyptiaca*" extract on cytokines and NF- κ B in nicotinamide/streptozotocin-induced diabetes in male rats
Name of the student: SHIMAA AHMED REFAAT ALAHMER – Zoology Department – Faculty of Science – Cairo University
 Nov. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effects of water quality and pathogenic bacteria on hematological parameters of Nile tilapia *Oreochromis niloticus* L.
- Nov. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Evaluating of pea peels meal as a fishmeal alternative in formulated diet ingredients of *Oreochromis niloticus*
- Nov. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Ameliorative effects of dietary nanocurcumin against florfenicol use in *Clarias gariepinus*: study on biomarkers of immunity and oxidative stress
- Dec. 2023 **Biological and Biomedical Journal**
Article Title: Ameliorative effect of celery seed oil against high-fat diet-induced lipotoxic heart disease in rats
- Dec. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Disappeared steps in melanin formation in *Octopus vulgaris* as the model of higher organisms, from the Red Sea, Egypt
- Dec. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: New vision for structure of posterior salivary gland of *Octopus vulgaris* from the Red Sea, Egypt
- Dec. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Dietary immune nutritive effect of chitosan/chitosan nanoparticles on Nile tilapia: short-term exposure
Authors: NESREEN HOSSAM, NERMEEN ABU-ELALA, MOHAMED MARZOUK, SARA EL-SAYED, MARWA KHATTAB
- Dec. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Effect of edible coating prepared from *Aloe vera* incorporated with lemon grass extract on the antioxidant properties of

- Nile tilapia fish fillets under refrigerated storage
Authors: GHADIR A. EL-CHAGHABY, ELSHAIMAA A. RAWASH, SAYED RASHAD
- Dec. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: The probiotic potential of *Lactobacillus* strains isolated from the rayed pearl oyster (*Pinctada radiata*)
Authors: ASAAD S. LAHMAR, MD ABU AFFAN, LAFI SAED AL SULAMI, IDRIS ABDURRAHMAN, SALEH M. AL-MAAQAR, MAJED A. AL-SHAERI, MD AMIN ULLAH PALASH
- Dec. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Gene expression and activity of antioxidant enzymes in muscle and liver of black sea salmon (*Salmo labrax* PALLAS 1814) fed dietary fennel (*Foeniculum vulgare*) essential oil
Authors: OSMAN TOLGA ÖZEL, ZEHRA DUYGU DÜZGÜNEŞ, SELIN ERTÜRK GÜRKAN, RECA YI ÇIMAGIL
- Dec. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Comparative physiological evaluation of the potential use of *Moringa oleifera* seeds or leaves as an alternative protein source for Nile tilapia *Oreochromis niloticus*
Authors: MOUSTAFA B., ASSEM H.
- Dec. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Impact of iso-protein feed with ratio carbohydrate and lipid on growth and feed efficiency of mud crab, *Scylla serrate*
Authors: HASNIDAR, ANDI TAMSIL, NURSYAHRAN
- Dec. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Therapeutic potential of chitosan dressing for stab injury wound healing in an earthworm model
- Dec. 2023 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Physiological responses and histopathological indices against acrylamide toxicity treated with metformin and propolis in *Clarias gariepinus*
- Jan. 2024 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Biotechnological and illustration study of aquatic plant *Ludwigia adscendens* growing in sewage
- Jan. 2024 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: The effect of adding cortisol and thyroxin hormones to grass carp "*Ctenopharyngodon idella* (Val., 1844)" diets on some physiological and nutritional parameters during salt acclimatization
- Jan. 2024 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: A systemic review of the socio-economic impacts of illegal, unreported, and unregulated fishing in Africa
- Feb. 2024 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Evaluation of some hematological and biochemical parameters in grass carp (*Ctenopharyngodon idellus*) exposed to sub-lethal concentrations of benzene
Authors: FATIMA A. M. SULTAN, RAJAA N. ALYASSEIN, MUJTABA A.T. ANKUSH
- Feb. 2024 **Egyptian Journal of Aquatic Biology and Fisheries**
Article Title: Haematology (leukocyte and differential leukocyte) and histopathology (gills and stomach) profiles of common carp (*Cyprinus*

Carpio) induced by HEPA filter

Authors: RENANDA BAGHAZ DZULHAMDHANI SURYA PUTRA, ASUS MAIZAR SURYANTO HERTIKA, M. FADJAR GAZA ALGAZALI HAKIM, FEBRIYANSYAH SAPUTRA

SCIENTIFIC JOURNALS EDITOR

- Editor-in-Chief of the Egyptian Journal of Zoology
- Associate Editor of the International Research Journal of Pharmacy and Pharmacology
- Editorial Board Member of the Egyptian Journal of Aquatic Biology and Fisheries
- Editorial Board Member of the Journal of Pharmacy and Clinical Sciences
- Editorial Board Member of the International Journal of Cancer and Biomedical Research
- Editorial Board Member of the Biological and Biomedical Journal
- Member of the Advisory Editorial Board of the Egyptian Journal of Experimental Biology
- Technical Editor of Research Journal of Allergy

WHO'S WHO IN THE WORLD

Marquis Who's Who has selected my biography for inclusion in Who's Who in the World (28th Edition) as one of the most prominent young immunologists for the year 2011.

SCIENTIFIC CONFERENCES AND MEETINGS

- | | |
|------------|---|
| March 1999 | Annual Meeting of Society of Virology, Bremen, Germany (Organization Committee) |
| Sep. 1999 | 30 th Annual Meeting of German Society of Immunology, Hannover, Germany |
| Oct. 1999 | 22 nd Conference of North-German Society of Immunology, Herrenhaus Borstel, Germany |
| March 2000 | 16 th Spring Meeting of German Society of Immunology, Köln, Germany |
| Sep. 2000 | 14 th European Immunology Meeting, EFIS 2000, Poznan, Poland |
| Nov. 2000 | Joint Annual Meeting 2000 of the German and Dutch Societies of Immunology, Düsseldorf, Germany |
| July 2001 | 11 th International Congress of Immunology, Stockholm, Sweden |
| March 2002 | 12 th International Conference of the Egyptian-German Society of Zoology, Damietta, Egypt |
| March 2002 | 9 th Conference of the Egyptian Society of Zoology, Fayoum, Egypt |
| May 2003 | 9 th Annual Meeting of the International Society for Cellular Therapy, Phoenix, Arizona, USA |
| Dec. 2003 | Symposium "Cytokines in Cancer Treatment", San Diego, CA, USA |
| Dec. 2003 | Symposium "Cellular Therapy - from Graft Engineering to Immunotherapy", San Diego, CA, USA |
| Dec. 2003 | Symposium "Infections in Patients with Hematologic Malignancies: Meeting the Challenge", San Diego, CA, USA |
| Dec. 2003 | 45 th Annual Meeting of the American Society of Hematology (ASH), San Diego, CA, USA |
| Sep. 2004 | Symposium "Advancing the Art of Antifungal Therapy", San Francisco, CA, USA |
| Sep. 2004 | Symposium "A Matter of Time: Recognition, Resistance, and Results in Aspergillosis", San Francisco, CA, USA |

- Sep. 2004 Symposium “Challenging Long Term Clinical Problems”, San Francisco, CA, USA
- Sep. 2004 1st Conference of Advances against Aspergillosis, San Francisco, CA, USA
- Sep. 2004 14th Annual Research Poster Session, Medical College of Wisconsin, Milwaukee, WI, USA
- Oct. 2004 2004 Internal Medicine Fall Research Day, Medical College of Wisconsin, Milwaukee, WI, USA
- Dec. 2004 Symposium “Cord Blood in Transplantation: From Science to Practical Applications”, San Diego, CA, USA
- Dec. 2004 Symposium “Cellular Therapy - Progressing to Clinical Practice?”, San Diego, CA, USA
- Dec. 2004 Symposium “Changing Perspectives in Antifungal Therapy”, San Diego, CA, USA
- Dec. 2004 46th Annual Meeting of the American Society of Hematology (ASH), San Diego, CA, USA
- April 2006 6th Arab Conference on Systemic Approach to Teaching and Learning (6th ACSATL), Cairo, Egypt
- March 2010 4th Saudi Science Conference, Contributions of Science Faculties in the Development Process of KSA, Taibahu University, Al-Madinah Al-Munawwarah, KSA
- Dec. 2010 Asserting Quality and Academic Accreditation Workshop, King Faisal University, Al-Hufuf, Saudi Arabia
- April 2012 5th Saudi Science Conference, New Vision of the Role of Basic Sciences in Development, Umm Al-Qura University, Makkah, KSA
- October 2012 16th Scientific Conference of the Egyptian Society for Fish Resources Development and Maintaining Human Health, Ain Shams University, Cairo, Egypt
- Jan. 2013 Roadmap for Climate Change in Egypt, Ain Shams University, Cairo, Egypt
- May 2013 The International Conference for Environmental Science (ICES), Cairo, Egypt (**Chairperson:** Session 2, Aquatic ecology and fisheries)
- April 2015 The 4th Scientific Conference of Ain Shams University: Towards a National Innovation System – Current Indicators and Future Prospects (**Invited Speaker:** Session 1, Evaluating the national pursuit of higher education and academic research)
- Sep. 2015 2015 International Conference on Rheumatic and Autoimmune Diseases (ICRAD 2015), Shanghai, China (**Invited Speaker:** Invited Session 1: Biology and Medicine I)
- Sep. 2015 2015 International Conference on Metabolic and Endocrine Disorders (ICMED 2015), Shanghai, China (**Session Chairman and Invited Speaker:** Technical Session 4: Biology and Medicine II)
- Oct. 2016 12th Scientific Conference of the Zoological Society A. R. Egypt, Cairo University, Giza, Egypt (**Scientific Committee and Invited Speaker:** Opening Session)
- Oct. 2017 13th Scientific Conference of the Zoological Society A. R. Egypt, Beni-Suef University, Beni-Suef, Egypt (**Organization Committee**)
- Nov. 2017 Author Workshop (at Ain Shams University, Cairo, Egypt) presented by Robert Kruger, Deputy Editor, Cell Press (Elsevier Publishing Group)
- April 2018 The 7th Annual International Ain Shams University Conference: Internationalization and Mobility
- May 2018 2nd World Congress on Cell Science and Molecular Biology, Valencia,

- Spain (**Organizing Committee and Keynote Speaker**)
- Dec. 2018 The 9th International Conference on Biological Sciences, Tanta University, Egypt (**Publisher Committee and Session Chairman**)
- Feb. 2019 3rd Scientific Conference of Science Friends Academy in Medical Analysis, Immunology and Tumor Diagnosis, Damanhour, Behera, Egypt (**Conference Vice-Chairman and Keynote Speaker**)
- Jan. 2020 4th Scientific Conference of Science Friends Academy in Medical Analysis, Immunology and IVF Technique, Damanhour, Behera, Egypt (**Conference Chairman**)
- Jan. 2022 4th Scientific Conference of Science Friends Academy in Medical Analysis, Toxins and IVF Technique, Damanhour, Behera, Egypt (**Conference Honorary Chairman**)
- Nov. 2022 Biological Effects of Climate Change, Future Vision and Innovative Solutions: The Effects of Climate Change on the Distribution and Spread of Pathogens – A workshop organized by the National Committee for Biological Sciences of the Academy of Scientific Research and Technology, Arab Republic of Egypt (**Organizing Committee Member and Session Chair**)
- Nov. 2022 The 5th International Scientific Conference of the Faculty of Science, Ain Shams University, Hurghada, Red Sea, Egypt (November 15-18, 2022) (**Session Chair**)
- Nov. 2022 Biological Effects of Climate Change, Future Vision and Innovative Solutions: Egyptian Genetics and their role in Adapting to Climate Changes – A workshop organized by the National Committee for Biological Sciences of the Academy of Scientific Research and Technology, Arab Republic of Egypt (**Workshop Rapporteur**)
- Feb. 2023 Cairo Science Forum 2023, Science and Research Diplomacy for Climate Action and Sustainable Future in the Pandemic and Post-Pandemic Era, National Research Centre (NRC), Giza, Egypt (February 7-9, 2023) (Member of National Committee of Biological Sciences - Invited Scientist).
- Mar. 2023 The First Scientific Conference of Rama Academy on Medical Analysis, IVF, Toxins, Nanotechnology, and Quality Management, Cairo, Egypt (**Conference Vice-Chairman**)
- Sep. 2023 The Challenges of Manufacturing Poultry Feed in Egypt: The Problem and Solutions – A workshop organized by the National Committee for Biological Sciences of the Academy of Scientific Research and Technology, Arab Republic of Egypt, the Center Delta Province Development Research – Tanta (**Organizing Committee Member and Session Chair**)
- Jan. 2024 Artificial Intelligence and its Applications in Biological Sciences. A workshop organized by the National Committee for Biological Sciences of the Academy of Scientific Research and Technology, Arab Republic of Egypt, Nile University, Giza, Egypt (**Workshop Rapporteur**)
- Feb. 2024 The Second Scientific Conference of Rama Academy on Medical Analyzes and Modern Medical Sciences, Cairo, Egypt (**Conference Chairman**)

EDUCATIONAL ACTIVITIES

- Aug. 1987 Training practical course in Kahira Pharmaceuticals and Chemical Industries Co., Cairo, Egypt

	Title of Course: Preclinical animal biological tests for the company medical products
Sept. 1995	Educational course for the demonstrators and assistant lectures, Faculty of Education, Ain Shams University, Cairo, Egypt
Dec. 1995 - June 1996	German language courses (Primary levels 1-9) in Centre for Germany and Goethe Institute, Cairo, Egypt
Aug. 1997 - Nov. 1997	German language courses (Middle levels 1 and 2) in Goethe Institute, Bremen, Germany
Oct. 2000	Computer course (Excel), Hannover Medical School, Germany
Nov. 2000	Computer course (PowerPoint), Hannover Medical School, Germany
March 2003	Radiation protection training course for laboratory workers, Medical College of Wisconsin, Milwaukee, WI, USA
May 2003	MCW educational activity "Effects of cell processing on BMT patient outcomes", Milwaukee, WI, USA
July 2003	MCW educational activity "T regulatory cells: Bench to bedside. Preclinical data and preparation for clinical protocol", Milwaukee, WI, USA
Sept. 2003	MCW educational activity "Gamma/delta T cell differentiation and function in tumor immunity", Milwaukee, WI, USA
Oct. 2003	MCW educational activity "Co-stimulatory molecules and tumor vaccines", Milwaukee, WI, USA
Jan. 2004	MCW educational activity "Dendritic cell antigen presentation drives Th1 differentiation and clearance of <i>Leishmania</i> ", Milwaukee, WI, USA
June 2004	MCW educational activity " <i>Ex vivo</i> identification, isolation and analysis of tumor-cytotoxic T cells", Milwaukee, WI, USA
July 2004	MCW educational activity "CMV in stem cell transplantation: New insight and options", Milwaukee, WI, USA
Sept. 2004	MCW educational activity "CD200 expression on DC and immune tolerance", Milwaukee, WI, USA
Sept. 2004	MCW educational activity "T regulatory cells reconstitution post BMT", Milwaukee, WI, USA
Oct. 2004	MCW educational activity "Stem cell therapy for autoimmune disease", Milwaukee, WI, USA
Dec. 2004	MCW educational activity "Role of CD4 ⁺ T cells in tumor immunity", Milwaukee, WI, USA
Dec. 2004	MCW educational activity "Exposure of phosphatidylserine serves as an anti-inflammatory and immunosuppressive signal: Implications in cancer immunotherapy", Milwaukee, WI, USA
Feb. 2005	Faculty and leadership development project (FLDP): Presentation skills, Ain Shams University, Cairo, Egypt
May 2005	Faculty and leadership development project (FLDP): Research skills, Ain Shams University, Cairo, Egypt
July 2005	Faculty and leadership development project (FLDP): Communication skills, Ain Shams University, Cairo, Egypt
Feb. 2006	Faculty and leadership development project (FLDP): Teaching by technology, Ain Shams University, Cairo, Egypt
March 2006	Faculty and leadership development project (FLDP): Course design, Ain Shams University, Cairo, Egypt

July 2006	Faculty and leadership development project (FLDP): Credit hours system, Ain Shams University, Cairo, Egypt
Aug. 2006	Faculty and leadership development project (FLDP): Preparing research project, Ain Shams University, Cairo, Egypt
Jan. 2007	Banner system, King Faisal University, Al-Hufof, Saudi Arabia
April 2007	Web CT system, King Faisal University, Al-Hufof, Saudi Arabia
Jan. 2008	How to build e-quiz using Web CT, King Faisal University, Al-Hufof, Saudi Arabia
Feb. 2008	Communication skills, King Faisal University, Al-Hufof, Saudi Arabia
May 2009	Applying thinking engineering in academic courses, King Faisal University, Al-Hufof, Saudi Arabia
Oct. 2009	King Faisal University educational activity “enlightenment about Swine flu, H ₁ N ₁ ”, Al-Hufof, Saudi Arabia
Nov. 2009	Faculty and leadership development project (FLDP): Quality standards in the educational process, Ain Shams University, Cairo, Egypt
July 2010	Faculty and leadership development project (FLDP): Organizing the scientific conferences, Ain Shams University, Cairo, Egypt
Aug. 2010	Faculty and leadership development project (FLDP): Legal and financial issues, Ain Shams University, Cairo, Egypt
Jan. 2011	Strategic planning, King Faisal University, Al-Hufof, Saudi Arabia
Feb. 2011	Planning and Implementation of Self Study for Program Accreditations, NCAAA and British Council, Riyadh, Saudi Arabia
June 2011	Faculty and leadership development project (FLDP): Job ethics, Ain Shams University, Cairo, Egypt
July 2011	Faculty and leadership development project (FLDP): Methods of examination and students’ assessment, Ain Shams University, Cairo, Egypt
July 2011	Faculty and leadership development project (FLDP): International publication, Ain Shams University, Cairo, Egypt
Oct. 2012	Support unit and the development of projects and research: Credit hours, Ain Shams University, Cairo, Egypt
Nov. 2012	First aids, Faculty of Science, Ain Shams University
Dec. 2015	Educational course for the Head of Departments, Faculty of Education, Ain Shams University, Cairo, Egypt
Feb. 2019	Web of Science, Journal Selection Process (Web of Science Group, A Clarivate Analytics Company), Egyptian Knowledge Bank, Cairo, Egypt

PRESENTATIONS AND LECTURES

March 2000	16 th Spring Meeting of German Society of Immunology, Köln, Germany Title: Construction of a retroviral expression cloning vector targeting V _L Ig of plasmacytoma to the plasma membrane by means of a GPI anchor (Oral presentation)
Sept. 2000	14 th European Immunology Meeting EFIS 2000, Poznan, Poland

- Dec. 2000
 Title: A novel retroviral expression cloning vector targeting the tumor associated-antigen of plasmocytoma by means of a GPI-anchor to the plasma membrane in autologous DCs **(Poster presentation)**
 Joint Annual Meeting 2000 of the German and Dutch Societies of Immunology, Düsseldorf, Germany
 Title: *In vitro* generation of human CD86⁺ dendritic cells from CD34⁺ hemopoietic progenitors by PMA and in serum-free medium **(Poster presentation)**
- July 2001
 Title: Tumour-associated V_LIg region obtained from patients with myeloma for retroviral expression in autologous DCs by means of a GPI-anchor **(Poster presentation)**
 11th International Congress of Immunology, Stockholm, Sweden
 Title: PMA induces differentiation of human CD34⁺ progenitors from different origins to CD86⁺ dendritic cells under serum-free conditions **(Poster presentation)**
- June 2002
 Title: Retroviral expression of FLAG-V_LIg_{plasmocytoma} fusion protein in autologous dendritic cells *via* a GPI-anchor **(Poster presentation)**
 Journal Club Presentation, Faculty of Science, Ain Shams University, Cairo, Egypt
 Title: Dendritic cells: The pivotal player in the immune system **(Oral presentation)**
- Sept. 2003
 Research in Progress, Immunotherapy Group, Medical College of Wisconsin, Milwaukee, WI, USA
 Title: Use of Fast DC to generate CMV and *Aspergillus* specific CTL lines **(Oral presentation)**
- Dec. 2003
 45th Annual Meeting of the American Society of Hematology (ASH), San Diego, CA, USA
 Title: Generation of *Aspergillus*- and CMV-specific T cell responses using autologous fast-dendritic cells (fast-DC) **(Oral presentation)**
- March. 2004
 Journal Club Presentation, Immunotherapy Group, Medical College of Wisconsin, Milwaukee, WI, USA
 Title: *Aspergillus fumigatus* antigens activate innate immune cells *via* toll-like receptors 2 and 4 **(Oral Presentation)**
- Sept. 2004
 1st Conference of Advances against Aspergillosis, San Francisco, CA, USA
 Title: Generation of *Aspergillus*-specific T cell responses using protein-spanning pools of *Asp f16*-derived overlapping pentadecapeptides **(Poster presentation)**
- Sept. 2004
 14th Annual Research Poster Session, Medical College of Wisconsin, Milwaukee, WI, USA
 Title: Generation of *Aspergillus*-specific T cell responses using protein-spanning pools of *Asp f16*-derived overlapping pentadecapeptides **(Poster presentation)**
- Oct. 2004
 2004 Internal Medicine Fall Research Day, Medical College of Wisconsin, Milwaukee, WI, USA
 Title: Generation of *Aspergillus*-specific CD8⁺/CD4⁺ T cell responses directed to HLA class I/II restricted epitopes from the *Aspergillus f16* allergen **(Poster presentation)**
- Dec. 2004
 46th Annual Meeting of the American Society of Hematology (ASH), San Diego, CA, USA

- Title: Generation of Th1 T cell responses directed to a HLA Class II restricted epitope from the *Aspergillus* f16 allergen **(Poster presentation)**
 Title: Generation of cytotoxic T cell responses directed to HLA class I restricted epitopes from the *Aspergillus* f16 allergen **(Poster presentation)**
- April 2006 6th Arab Conference on Systemic Approach to Teaching and Learning (6th ACSATL), Cairo, Egypt
 Title: The pivotal role of dendritic cells in the systemic of immunity **(Oral presentation)**
- April 2007 Educational activity for firemen, King Faisal University, Al-Hufof, Saudi Arabia
 Title: Nature of radiation: Recent application, seriousness, and protection **(Oral presentation)**
- Dec. 2007 Educational activity for scientific-societies supervisors, King Faisal University, Al-Hufof, Saudi Arabia
 Title: Safety rules in the biological labs **(Oral presentation)**
- Dec. 2008 Educational activity for university students, King Faisal University, Al-Hufof, Saudi Arabia
 Title: How to find a good job **(Oral presentation)**
- March 2010 4th Saudi Science Conference, Contributions of Science Faculties in the Development Process of KSA, Taibahu University, Al-Madinah Al-Munawwarah, KSA
 Title: Modulatory effects of turmeric versus Ginger aqueous extract on rat model of human arthritis **(Oral presentation)**
- Feb. 2011 Course Report Workshop, King Faisal University, Al-Hufof, Saudi Arabia
 Title: Principles of Immunology (0816-442/7thlevel/4thyear) Course Report **(Oral presentation)**
- Feb. 2011 Quality Assurance Workshop, King Faisal University, Al-Hufof, Saudi Arabia
 Title: How to perform self-evaluation for higher educational programs **(Oral presentation)**
- March 2010 5th Saudi Science Conference, New Vision of the Role of Basic Sciences in Development, Umm Al-Qura University, Makkah, KSA
 Title: Protective effects of ginger and turmeric mixture aqueous extract on joints inflammation, atherogenesis and kidney dysfunction in rat model of human rheumatoid arthritis **(Poster presentation)**
- April 2015 4th Scientific Conference of Ain Shams University: Towards a National Innovation System – Current Indicators and Future Prospects
 Title: Recent strategies for innovative environment development in higher education and research institutions **(Oral presentation)**
- Sep. 2015 2015 International Conference on Rheumatic and Autoimmune Diseases (ICRAD 2015), Shanghai, China
 Title: Possible alleviative effects of medicinal plants on severity and complication of experimentally-induced rheumatoid arthritis **(Oral presentation)**
- Sep. 2015 2015 International Conference on Metabolic and Endocrine Disorders (ICMED 2015), Shanghai, China
 Title: Possible alleviative effects of medicinal plants on metabolic syndrome signs in diabetic and obese rat models **(Oral presentation)**
- Oct. 2016 12th Scientific Conference of the Zoological Society A. R. Egypt, Cairo University, Giza, Egypt

- May 2018 Title: Innovative and Creative Environment Adaptation/Development in Higher Education and Scientific Research Institutions (**Oral presentation**)
2nd World Congress on Cell Science and Molecular Biology, Valencia, Spain
- Jan. 2019 Title: Novel approaches in design of fast dendritic cells-based cellular vaccination (**Oral presentation**)
3rd Scientific Conference of Science Friends Academy in Medical Analysis, Immunology and Tumor Diagnosis, Damanhour, Behera, Egypt
Title: Novel Strategies in design of fast dendritic cells-based vaccination in recipients of hematopoietic stem cells transplant (**Oral presentation**)

PUBLISHED ABSTRACTS

- G. Ramadan**, R. E. Schmidt and J. Schubert (2000). Construction of a retroviral expression cloning vector targeting V_LIg of plasmocytoma to the plasma membrane by means of a GPI anchor. *Proceedings of the 16th Spring Conference of the German Society for Immunology*: Abstract number A8.
- G. Ramadan**, R. E. Schmidt and J. Schubert (2000). A novel retroviral expression cloning vector targeting the tumor associated-antigen of plasmocytoma by means of a GPI-anchor to the plasma membrane in autologous DCs. *Immunology Letters* 73(2,3): 126.
- G. Ramadan**, R. E. Schmidt and J. Schubert (2000). *In vitro* generation of human CD86⁺ dendritic cells from CD34⁺ hemopoietic progenitors by PMA and in serum-free medium. *Immunobiology* 203(1-3): 18-19.
- G. Ramadan**, R. E. Schmidt and J. Schubert (2000). Tumour-associated V_LIg region obtained from patients with myeloma for retroviral expression in autologous DCs by means of a GPI-anchor. *Immunobiology* 203(1-3): 415-416.
- G. Ramadan**, R. E. Schmidt and J. Schubert (2001). PMA induces differentiation of human CD34⁺ progenitors from different origins to CD86⁺ dendritic cells under serum-free conditions. *Scand J Immunol* 54(Suppl. 1): T26.
- G. Ramadan**, R. E. Schmidt and J. Schubert (2001). Retroviral expression of FLAG-V_LIg_{plasmocytoma} fusion protein in autologous dendritic cells *via* a GPI-anchor. *Scand J Immunol* 54(Suppl. 1): W29.
- J. Schubert, **G. Ramadan**, A. Ganser and R. E. Schmidt (2001). Retroviral transfer of V_LIg region obtained from a multiple myeloma patient *via* a GPI-anchor in dendritic cells induces autologous T cell proliferation. *Blood* 98(11): 155a.
- G. Ramadan**, S. Konings, V. P. Kurup and C. A. Keever-Taylor (2003). Generation of *Aspergillus*- and CMV-specific T cell responses using autologous fast-dendritic cells (Fast-DC). *Blood* 102(11): 42a.
- G. Ramadan**, B. Davies and C. A. Keever-Taylor (2004). Generation of *Aspergillus*-specific T cell responses using protein-spanning pools of Asp f16-derived overlapping pentadecapeptides. *Proceedings of the 1st Advances against Aspergillosis Conference*: 57.
- G. Ramadan**, B. Davies, V. P. Kurup and C. A. Keever-Taylor (2004). Generation of *Aspergillus*-specific CD8⁺/CD4⁺ T cell responses directed to HLA class I/11 restricted epitopes from the *Aspergillus* f16 allergen. *Proceedings of MCW Internal Medicine Fall Research Day*: 1.
- G. Ramadan**, B. Davies, V. P. Kurup and C. A. Keever-Taylor (2004). Generation of Th1 T cell responses directed to a HLA class II restricted epitope from the *Aspergillus* f16 allergen. *Blood* 104(11): 457a.

- G. Ramadan**, B. Davies, V. P. Kurup and C. A. Keever-Taylor (2004). Generation of cytotoxic T cell responses directed to HLA class I restricted epitopes from the *Aspergillus* f16 allergen. *Blood* 104(11): 457a.
- G. Ramadan**, B. Davies, V. P. Kurup and C. A. Keever-Taylor (2005). *Aspergillus fumigatus*-specific cytotoxic T-cell lines generated through use of Asp f16 protein-spanning pools of overlapping pentadecapeptides. *Biology of Blood and Marrow Transplantation* 11(2): 15-16.
- C. A. Keever-Taylor, **G. Ramadan**, R. J. Orentas, B. Davies, B. Behn and D. A. Margolis (2005). Cross-reactivity of Epstein Barr virus-specific cytotoxic T lymphocytes with a HLA-C locus allele. *Biology of Blood and Marrow Transplantation* 11(2): 54.
- G. Ramadan** (2006). The pivotal role of dendritic cells in the systemic of immunity. *Proceedings of the 6th Arab Conference on Systemic Approach to Teaching and Learning (6th ACSATL)*: 88.
- G. Ramadan**, M. A. Al-Kahtani and W. M. El-Sayed (2010). Modulatory effects of turmeric versus Ginger aqueous extract on rat model of human arthritis. *Proceedings of the 4th Saudi Science Conference*: 123.
- G. Ramadan** and O. El-Menshawry (2012). Protective effects of ginger and turmeric mixture aqueous extract on joints inflammation, atherogenesis and kidney dysfunction in rat model of human rheumatoid arthritis. *Proceedings of the 5th Saudi Science Conference*: 328-329.
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