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PERSONAL

- Full Name: Hany Mohammed Abd El-aziz Mohammed Ibrahim
- Birth Date: January 27, 1976
- Place of Birth: Cairo, Egypt
- Nationality: Egyptian
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OCCUPATION:

- 2024 Apr-Present **Director of Menoufia University Center for Career Development**
- 2024 Oct **Acting Head of the Zoology Department**, Faculty of Science,
Menoufia University
- 2020 Oct-Present **Professor of Immunology**, Zoology Department,
Faculty of Science Menoufia University
- 2015-2020 Oct **Associate Professor of Immunology**, Zoology Department,
Faculty of Science Menoufia University
- 2010Aug **Lecturer** (Immunology) Zoology Department,
-2015Aug Faculty of Science Menoufia University
- 2004 Sep **Assistant Lecturer** (Immunology & Parasitology) Zoology Department,
-2010 Jun Faculty of Science Menoufia University
- 2000 Feb **Demonstrator** (Immunology & Parasitology) Zoology Department,
-2004 Sep Faculty of Science Menoufia University
- 1999 Jun **Assistant Researcher** (Fisheries Dynamics), National Institute of
-2000 Jan Fisheries & Oceanography

EDUCATION and TRAINING

2014 May **Post-doctor**, Department of Immunity, Infection & Inflammation, Cochin
- 2014 Oct Institute, Institut national de la santé et de la recherche médicale, France.
2010 Mar **Ph.D.** National Research Center for Protozoan Diseases, Obihiro University
 of Agriculture and Veterinary Medicine, Japan
2006 Sep **Research Student**, National Research Center for Protozoan Diseases,
- 2007 Mar Obihiro University of Agriculture and Veterinary Medicine, Japan
2001 Feb **M.Sc.** Faculty of Science, Menoufia University
-2004 Sep (Immunology & Parasitology) Zoology Department
1994 Sep **B.Sc.** Faculty of Science, Menoufia University
-1998 May Zoology Department *Very Good with an honor degree*

TEACHING EXPERIENCES

A. For Undergraduate Students:

Faculty of Science, Menoufia University: From 2010- till now, I taught theoretical courses of: Immunology (Z412), Cellular Immunology (Z414), Immunochemistry (Z419) Hematology (Z415), Physiology I (Z111), Physiology II (Z112), Physiology of Digestion and Metabolism (Z211), Biochemistry and Enzymes I (Z312), General Parasitology (Z338).

Faculty of Education, Menoufia University: 2012/2013, I taught theoretical course of: General Biological Sciences (Immunology & Physiology)

Faculty of Education, Sadat University: From 2012- till now, I taught theoretical courses of: Immunology and Parasitology

Faculty of Science, Menoufia University: From 2000- 2006, I taught practical courses of: Immunology (Z412), Physiology I (Z111), Physiology II (Z112), Physiology of Digestion and Metabolism (Z211), Hematology (Z415), Biochemistry and Enzymes I (Z213), Biochemistry and Enzymes II (Z214), General Parasitology (Z338), Advanced Parasitology (Z4321), Invertebrates I (Z135), Invertebrates II (Z136), Chordates I (Z147), Chordates II (Z2410), Ecology and Geographical Distribution (Z2716), Entomology (Z158), Medical Entomology (Z2512).

Faculty of Education, Menoufia University: From 2000- 2006, I taught practical courses of many General Biological Sciences

Faculty of Science, Sadat University: From 2000- 2006, I taught practical courses of many General Biological Sciences

Faculty of Veterinary Medicine, Menoufia University: From 2000- 2005, I taught practical courses of General Biological Sciences

B. For Postgraduate Students:

Faculty of Science, Menoufia University: From 2010- till now, I taught theoretical

courses of: Physiology of Immune System (Z618), Cellular Immunology (Z6129), Immunochemistry (Z5135), Practical Technologies (Z5131), Practical Immunological Technologies (Z6134), Methods and Microanalysis (Z6118).

SUPERVISORY EXPERIENCE OF RESEARCH STUDENTS:

From 11/2010 “Until now”, supervise nineteen MSc. & nine Ph.D. students at Faculty of Science, Menoufia University.

SCIENTIFIC WORKSHOPS, MEETINGS & CONFERENCES

- 2001 Jan Workshop on “New Issues in Immunology” held at the National Research Center, Cairo, Egypt.
- 2004 Jan The 8th Egyptian-French seminar and workshop of Immunology and Molecular biology at Mansoura University in collaboration with Immunology department, Saint Louis, Paris 7 University. (HLA Typing from Serology to Molecular Biology)
- 2005 Jul Workshop on “Basic Diagnostic Immunology” held at the Medical Technology center, Medical Research Institute Alexandria University, Egypt
- 2007 Jul Training course for “Dealing with the Experimental Animals” held at Obihiro University of Agriculture and Veterinary Medicine, Japan
- 2007-2009 Training course for “Radiation Workers” conducted by Radiation Safety Control Office in Obihiro University of Agriculture and Veterinary Medicine, Japan
- 2009 Mar The 78th annual meeting of Japanese Society of Parasitology at Hosei University, Tokyo, Japan. “Best Oral presentation session” (*Toxoplasma gondii* cyclophilin 18-mediated production of nitric oxide induces bradyzoite conversion in a CCR5-dependent manner)
- 2009 Sep The 9th Awaji international forum on infection and immunity at Awaji Yumebutai international conference center, Japan.
“Poster presentation” (*Toxoplasma gondii* cyclophilin-18 regulates proliferation, activation and migration of murine macrophages and lymphocytes and induces bradyzoite conversion)
- 2011 Mar Workshop on “Procedures in transmission electron microscope” held at the TEM Unit, Faculty of Science, Menoufia University, Egypt
- 2011 Dec The 1st Annual meeting of middle-eastern association for cancer research (MEACR): Cancer research from bench to clinic at Tanta University, Tanta, Egypt

- 2012 Feb The 8th Annual International Conference of The Egyptian Society of Experimental Biology at Cairo University Conference Center Cairo, Egypt. "Oral presentation" (Possible Immuno-protection by Silymarin against Chlorpyrifos Intoxication in Rats)
- 2013 Mar 10th National Conference of Biochemistry and Molecular Biology & Their Role in Development and Environment at Ain Shams University - Guest House Cairo, Egypt "Poster presentation" (Host-Parasite interaction: Immunomodulatory role of *Toxoplasma gondii* cyclophilin 18) (Best research Award)
- 2013 Nov 2nd Scientific International Conference of Laboratory Diagnosis and Intra-cytoplasmic Sperm Injection at Main Conference Hall Damanhour, Egypt.
- 2013 Dec 37th Conference of the Egyptian Society of Histology & Cytology at The Main Hall of the Convention Center - Faculty of Medicine, Alexandria University
- 2014 Feb International Workshop for "Food Quality and Safety (IWFQS)" held at Faculty of Science, Mansoura University, Mansoura, Egypt "Invited Talk" (Foodborne Protozoan Parasite Diseases)
- 2014 Feb 1st Annual Conference of the Center of Excellence In Cancer Research (CECR) entitled "Next Generation Cancer Research & Diagnosis" held at Tanta University Conference Center, Tanta, Egypt.
- 2014 May Training for "Dealing with Biohazards Samples for using Biosafety L2 Laboratory" held at Institute Cochin, Paris, France.
- 2014 May Training for "Cytometry Practical Training" held at Institute Cochin, Paris, France.
- 2014 Jun ANRS/IDMIT Annual Meeting Non-Human Primate Models for Infectious diseases held at Institute Cochin, Paris, France.
- 2014 Dec 1st Conference of Mansoura Research Center for Cord Stem Cells (MARC-CSC) & The 15th Egyptian - French Congress of Immunology and Molecular Biology "Mansoura Perspective for Cord Stem Cells" held at Mansoura Children Hospital Conference Center, Mansoura, Egypt.
- 2014 Dec 6th International Conference on Natural Toxins held at Suez Canal University, Ismailia, Egypt.
- 2015 Feb The 11th Annual International Conference of The Egyptian Society of Experimental Biology at Cairo University Conference Center Cairo,

- Egypt.
- 2015 Nov Workshop on “Biomedical Materials” held at Physics department, Faculty of Science Menoufia University, Egypt.
- 2015 Sep Workshop on “Ethics of Animal Care and Use in Scientific Research” held at Zoology department, Faculty of Science Menoufia University, Egypt.
- 2016 Feb The 1st International Conference of Society of Pathological Biochemistry and Hematology, Faculty of Science Menoufia University, Egypt.
- 2016 May Workshop on “Plagiarism and its danger on the Scientific Research” held at Zoology department, Faculty of Science Menoufia University, Egypt.
- 2017 Feb The 2nd International Conference of Society of Pathological Biochemistry and Heamatology, Faculty of Science Menoufia University, Egypt.
- 2017 Oct International Conference/ Humboldt Kolleg JSPS-AvH Alumni Joint Conference, Science and Science Management for Sustainable Developments, Cairo, National Research Center (NRC), Egypt.
- 2018 Feb Training course "Nanotechnology: Synthesis and Applications of Nanostructured Materials" Jointly organized by Electron Microscope Unit, Faculty of Science, Alexandria University, Egypt.
- 2019 Feb The 8th International Conference Mathematics and Informational Sciences, 6 October University, Egypt.
- 2019 Apr Workshop on “Applications of Flow Cytometry in Biomedical Research” held at Center of Excellence in Cancer Research (CECR), Tanta University Hospital, Tanta University, Egypt.
- 2019 Apr Annual International Conference of Egyptian Association of Cancer Research “Anti-Cancer Drug Discovery” held at Tanta University Convention Center, Egypt.
- 2019 Jul Training Course and Workshop on “Preparation of Biological Specimen for Examination with Transmission and Scanning Electron Microscope” "Jointly organized by Electron Microscopy Unit, Faculty of Science, Alexandria University, Egypt.
- 2022 Nov Workshop on "Biological effects of climate change future vision and innovative solutions: the impact of climate change on the distribution and spread of pathogens" held at the National Research Center, Cairo, Egypt.

- 2023 Jan Workshop on "Biological effects of climate change future vision and innovative solutions: Egyptian genetic origins and its role in adapting to climate changes" held at the National Research Center, Cairo, Egypt.
- 2023 Feb International Conference: Humboldt Kolleg Alumni Joint Conference, Science and Research Diplomacy for Climate Action and Sustainable Future in the Pandemic and Post Pandemic Era, Cairo, National Research Center (NRC), Egypt.
- 2023 Feb International JSPS-Alumni Joint & Egypt-Japan Multidisciplinary Science forum, "Health and artificial intelligence, post COVID era", National Research Institute of Astronomy & Geophysics (NRIAG), Egypt.
- 2023 Sep Workshop entitled "Challenges of the poultry feed industry in Egypt: the problem and solutions" under the supervision of the National Committee for Biological Sciences held at the Delta Region Development Research Center - Tanta, Academy of Scientific Research and Technology, Egypt
- 2023 Sep 5th International Symposium on: Strategies for the Control of Ticks and Tick-borne Diseases. Supported by JSPS Asia-Africa Science Platform Project. Department of Public Health Pharmacology and Toxicology, Faculty of Veterinary Medicine, University of Nairobi, Kenya (Qaribu Inn Hotel).
- 2023 Nov 1st Scientific Research & Industry Forum, A Partnership for the Future Menoufia University Research Innovation Office, Menoufia University Egypt
- 2023 Nov Annual International Scientific Meeting "Present Status & Future of Egyptian Environment In Relation To Public Health" as invited keynote speaker, held at Theodor Bilharz Research Institute (TBRI), Egypt
- 2023 Nov 2nd Annual Egypt-Japan Scientific Meeting, Water & Environment, held at Theodor Bilharz Research Institute (TBRI), Egypt
- 2024 Jan Workshop entitled "Applications of Artificial Intelligence in Biological Sciences" under the supervision of the National Committee for Biological Sciences held at the Nile University, Egypt
- 2024 Feb The Second RAMA Scientific Academy Conference for Medical Analysis and Modern Medical Sciences as an invited keynote speaker in the hall of the General Federation of Egyptian Trade Unions, Egypt
- 2024 Feb The 16th Al-Azhar International Engineering Conference, as Alumni member of the Japan Society for the Promotion of Science (JSPS) in

Egypt which held at the Al-Azhar Conference Center in Nasr City under the title: “Modern Engineering Applications and Artificial Intelligence for Sustainability, Egypt.

- 2024 May UCCD Annual Networking Event under the title: "Career Readiness: MoHESR Vision 2030" organized by the American University in Cairo held at St. Regis Al Masa New Cairo Capital | Convention Center, Egypt.
- 2024 Jun The launch of the World Association for the Advancement of Veterinary Parasitology Africa Network (WAAVP-AN), held at Golden Tulip Hotel, Cotonou, Benin
- 2024 Sep The Annual Meeting of the Graduated University Centers for Career Development, held in cooperation with the American University in Cairo, under the title “Sustainability of University Centers for Career Development - Lessons Learned and Opportunities for Future Collaboration” Cairo, Egypt.
- 2024 Oct Egypt & Japan Academic Collaboration Forum, as Alumni member of the Japan Society for the Promotion of Science (JSPS), held at Conrad Hotel, Egypt

EDUCATIONAL & LEADERSHIP & PREPARATIONAL TRAINING COURSES:

- 2000 Jul Attended a Professional training session entitled “University Teacher Preparation“ at Faculty of Education, Menoufia University, Egypt
- 2001 Feb Attended a Professional training session entitled “Dealing with Computer“ at Information Center, Menoufia University, Egypt
- 2003 Jan Attended a Professional training session entitled “Develop the skills of statistical analysis of the data using the program SPSS“ at the Center for Strategic Studies and Leadership Development, Menoufia University, Egypt
- 2005 Aug Getting International TOEFL Computer based test (iBT) total score: 220, AMIDEAST, Cairo, Egypt
- 2005 Oct Getting International Driving License of Computers, The UNESCO, Cairo, Egypt
- 2005 Jun Attended a Professional training session (30 hours) entitled “Effective Teaching“ at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Menoufia University, Egypt

- 2006 Feb Attended a Professional training session entitled "new envoys" sector of Cultural Affairs and the missions - and the Ministry of Higher Education - Leadership Development Institute, Helwan, Egypt
- 2006 Jun Attended a Professional training session (15 hours) entitled "Effective communication skills" at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Menoufia University, Egypt
- 2006 Jun Attended a Professional training session (15 hours) entitled "Thinking skills" at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Menoufia University, Egypt
- 2006 Jun Attended a Professional training session (20 hours) entitled "Methods of Scientific Research" at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Menoufia University, Egypt
- 2006 Jun Attended a Professional training session (15 hours) entitled "Ethics" at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Menoufia University, Egypt
- 2006 Jul Attended a Professional training session (15 hours) entitled "The use of Technology in Teaching" at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Menoufia University, Egypt
- 2006 Jul Attended a Professional training session (15 hours) entitled "Research Administration" at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Menoufia University, Egypt
- 2006 Jul Attended a Professional training session (15 hours) entitled "Effective Presentation Skills" at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Menoufia University, Egypt
- 2011 May Attended a training course entitled "How to use global databases" Library Automation Project - Project Management Unit, Menoufia

- University, Egypt
- 2001 Oct Attended a training course entitled " How To Use Database Project IGI" Library Automation Project - Project Management Unit, Menoufia University, Egypt
- 2014 Jan Attended a Professional training session (15 hours) entitled "Research Team Management" at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Menoufia University, Egypt
- 2014 Jan Attended a Professional training session (15 hours) entitled "Strategic Planning" at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Menoufia University, Egypt
- 2014 Jan Attended a Professional training session (15 hours) entitled "Time Management and Meetings" at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Minufiya University, Egypt
- 2014 Jan Attended a Professional training session (15 hours) entitled "Standards of Quality in the Teaching Process" at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Minufiya University, Egypt
- 2014 Feb Attended a Professional training session (15 hours) entitled "Local and Global Competitive Research Projects" at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Minufiya University, Egypt
- 2014 Feb Attended a Professional training session entitled "Training of Trainers (TOT)" at National Authority for Quality Assurance and Accreditation of Education, Egypt
- 2019 Feb Attended a Professional training session (15 hours) entitled "Crisis and Disaster Management" at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Minufiya University, Egypt
- 2019 Feb Attended a Professional training session (15 hours) entitled "Decision making and problem solving" at National Center for Faculty and Leadership Development, Middle east and North Africa

- Branch for International Board and Certified Trainers, Minufiya University, Egypt
- 2019 Feb Attended a Professional training session (15 hours) entitled “Lifelong learning“ at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Minufiya University, Egypt
- 2019 Jun Attended a Professional training session (15 hours) entitled “Academic Advising and Student Support in University Institutions“ at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Minufiya University, Egypt
- 2019 Jun Attended a Professional training session (15 hours) entitled “People management“ at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Minufiya University, Egypt
- 2019 Jul Attended a Professional training session (15 hours) entitled “Scientific Publishing“ at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Minufiya University, Egypt
- 2023Aug Attended a Professional training session (15 hours) entitled “Qualifications for Deans Position“ at National Center for Faculty and Leadership Development, Middle east and North Africa Branch for International Board and Certified Trainers, Minufiya University, Egypt
- 2024 Jul Training sessions (41 hours) entitled "Career Development Facilitator Training Part I", organized by the American University in Cairo held at Renaissance Hotel New Cairo, Egypt
- 2024 Nov Training sessions (31 hours) entitled "Career Development Facilitator Training Part II", organized by the American University in Cairo held at Truimph Hotel, Egypt

COMMUNITY LEVEL AND SERVICE ACTIVITIES:

- Founding member of the Association of Tender Without Borders to serve patients registered charity No. 1587 under the Directorate of Social Solidarity, Minufiya
- Reviewer of Intel-Misr Alkhair Egyptian exhibition of Science and Engineering
- Participation in convoys of scientific problem solving and communication with the other "Factory leather tanning (Bill Killer) in the industrial zone in Quesna, Minufiya
- Participation in workshop under the title of Immunology to train the secondary school

teachers of biology to teach immunology section in the ministry book

- Staff member in Children University, Minufiya 2015-2019

RESEARCH INTERESTS

- Host-pathogen interaction
- Development of diagnostic method
- Immuno-toxicology.
- Immuno-protective role of natural products
- Immune response
- Immunopathology
- HCV treatment and co-infections
- Tumor alternative & complementary therapies

PEER-REVIEWED PUBLICATIONS

Najjar AA, Hassouna I, Srouf MA, **Ibrahim HM**, Assi RY, Abd El Latif HM (2024). Association of inherited thrombophilia mutations and their combinations among palestinian women with unexplained recurrent miscarriage. *Thrombosis Journal*, DOI: 10.1186/s12959-024-00587-7

Tawfic AA, Hany M. **Ibrahim HM**, Mohammed-Geba K, El-Magd MA (2024). Immunomodulatory Effect of Chitosan Nanoparticles on Ehrlich Ascites Carcinoma Mice. *Egyptian Journal of Veterinary Sciences*, In press. [10.21608/EJVS.2024.331998.2455](https://doi.org/10.21608/EJVS.2024.331998.2455)

Hassanein OH, El-Elaimy IA, Bayomy MF, Shehata AM, **Ibrahim HM** (2024). Effect of Taurine on Controlling the Side Effects of Valproic Acid in Epileptic Rats. *Iranian Journal of Toxicology* 18(2):93-98. doi: 10.32592/IJT.18.2.93

Abd El Latif HM, Abdel Ghaffar FR, El-Ashry A, **Ibrahim HM** (2024). Dose-dependent effects of azathioprine administration on hemostatic processes, immune function, and antioxidant defense system in albino rats. *Afr. J. Bio. Sci.* 6(13): 5809-5830. doi: 10.48047/AFJBS.6.13.2024.5808-5830

Tawfic AA, **Ibrahim HM**, Mohammed-Geba K, El-Magd MA (2024). Chitosan nanoparticles, camel milk exosomes and/or Sorafenib induce apoptosis, inhibit tumor cells migration and angiogenesis and ameliorate the associated liver damage in Ehrlich ascites carcinoma-bearing mice. *Beni-Suef Univ J Basic Appl Sci* 13, 74. <https://doi.org/10.1186/s43088-024-00535-4>

Nofal AE, Shaaban AM, **Ibrahim HM**, Abouelmagd F, Mohamed AH (2024). In Vivo Antischistosomal and Immunomodulatory Effects of Dietary Supplementation with *Taraxacum officinale*. *J. Xenobiot.* 2024, 14,1003 - 1022.

<https://doi.org/10.3390/jox14030056>

- Mohammed-Geba K, Elshaarawy R, Alian A, **Ibrahim HM**, Galal-Khallaf A (2024). Unraveling the Red Sea soft coral *Sarcophyton convolutum* potentials against oxidative and inflammatory stresses in zebrafish. Fish & Shellfish Immunology, DOI: [10.1016/j.fsi.2024.109442](https://doi.org/10.1016/j.fsi.2024.109442)
- Abd El Latif HM, El-Morsy AM, **Ibrahim HM**, Morsi DS (2024). Synergistic antineoplastic and immunomodulatory effects of hesperidin in Ehrlich ascites carcinoma tumor model treated with cisplatin. Jordan Journal of Biological Sciences, 17 (1): 141-151
- Morsi DS, Barnawi IO, **Ibrahim HM**, El-Morsy AM, El Hassab MA, Abd El Latif HM (2023). Immunomodulatory, apoptotic and anti-proliferative potentials of sildenafil in Ehrlich ascites carcinoma murine model: In vivo and in silico insights. International Immunopharmacology, 119, 110135, <https://doi.org/10.1016/j.intimp.2023.110135>.
- Najjar AA, Hassouna I, Srour MA, **Ibrahim HM**, Assi RY, Abd El Latif HM (2023). Evaluation of platelet parameters, coagulation markers, antiphospholipid syndrome, and thyroid function in Palestinian women with recurrent pregnancy loss. BMC Pregnancy and Childbirth 23:459. <https://doi.org/10.1186/s12884-023-05764-6>.
- Elshaarawy R, Aboali E, Alian A , **Ibrahim HM**, Hassab El-Nabi S, Mohammed-Geba K, Galal-Khallaf A (2023). Preliminary assessment of bioactive ingredients and antioxidant activity of some Red Sea invertebrates' extracts. Egyptian Journal of Aquatic Biology & Fisheries. 27(4): 495 – 510.
- Ibrahim HM**, Mohamed AH, Mabrook HS. (2022). Incidence of *Toxoplasma gondii*, *Entamoeba histolytica* and *Schistosoma Mansoni* infection among Chronic Hepatitis C virus Patients from Egypt. Journal of Advances in Medical and Biomedical Research 30(142): 440-446.
- Ibrahim HM**, Sander VA. (2022). Editorial: Apicomplexa epidemiology, control, vaccines and their role in host-pathogen interaction. Frontiers in Veterinary Science 9:885181. doi: 10.3389/fvets.2022.885181.
- Ibrahim HM**, Abdel-Ghaffar F, Zied AB, El-Ghareeb SH (2022). Assessment of the sofosbuvir+daclatasvir(+/-)ribavirin treatment and the prognostic efficacy of IP-10, MIP-1 β , and CRP in hepatitis C Egyptian patients therapy outcome. Biomed Biotechnol Res J. 6(1): 109-116.
- Hassanein OH, Ahmed-Farid OA, Shehata AM, El Elaimy IA, Bayomy MFF, **Ibrahim HM**. (2021). Taurine as an adjuvant to valproic acid modulates the epileptic seizures and improves the brain aminergic system in PTZ-kindled rats. Current Topics in Peptide and Protein Research 22: 91-99.
- Trovato M, **Ibrahim HM**, Isnard S, Le Grand R, Bosquet N, Borhis G, Richard Y (2021). Distinct Features of Germinal Center Reactions in Macaques Infected by SIV or

- Vaccinated with a T-Dependent Model Antigen. *Viruses* 13: 263. <https://doi.org/10.3390/v13020263>
- Ibrahim HM**, Mohamed AH, Mabrook HS (2021). Hematological and biochemical effects of *Toxoplasma gondii*, *Entamoeba histolytica*, and *Schistosoma* infection among Hepatitis C virus patients from Menoufia Province, Egypt. *Biomed Biotechnol Res J* 5:295-301. <https://www.bmbtrj.org/text.asp?2021/5/3/295/325614>
- Fadel MM, Abdel Ghaffar FR, Zwain SK, **Ibrahim HM**, Badr EAE (2021). Serum netrin and VCAM-1 as biomarker for Egyptian patients with type II diabetes mellitus. *Biochemistry and Biophysics Reports* 27 (2021) 101045. <https://doi.org/10.1016/j.bbrep.2021.101045>
- Ibrahim HM**, Abdel-Rahman AAH, Bishr NM. (2021). Seroprevalence of *Neospora caninum* and *Toxoplasma gondii* IgG and IgM antibodies among buffaloes and cattle from Menoufia Province, Egypt. *Journal of Parasitic Diseases* 45(4), 952-958. DOI: 10.1007/s12639-021-01386-x
- Ibrahim HM**, Galon EMS, Tumwebaze MA, Byamukama B, Liu M, Mohammed-Geba K, Sheir SK, Galal-Khallaf A, Abd El latif HM, Morsi DS, Bishr NM, Xuan X. (2021). Serological survey of *Babesia bigemina* and *Babesia bovis* in cattle and water buffaloes from Menoufia province, Egypt. *Acta Parasitologica*, 66(4):1458-1465. <https://doi.org/10.1007/s11686-021-00338-y>
- Morsi DS, Salem ML, **Ibrahim HM**, Osman GY, Mohamed AH, Nofal AE. (2021). Synergistic and chemosensitizing effects of bovine lactoferrin or muramyl dipeptide in Ehrlich solid tumor-bearing mice treated with cisplatin. *International Journal of Cancer and Biomedical Research* 5(1):75-94.
- Bishr NM, Abdel-Rahman AAH, Ashour AM, **Ibrahim HM** (2021). Biochemical effects of *Toxoplasma gondii* and *Neospora caninum* infection on diary bovine models in Menoufia Province, Egypt. *Advances in Animal and Veterinary Sciences* 9(3): 379-386.
- Ibrahim HM**, Mohamed AH, Salem ML, Osman GY, Morsi DS (2020). Anti-neoplastic and immunomodulatory potency of co-treatment based on bovine lactoferrin and/or muramyl dipeptide in tumour-bearing mice. *Toxicology Research*. 9(2):137-147 doi: 10.1093/toxres/tfaa012. <https://doi.org/10.1093/toxres/tfaa012> (IF: 1.5).
- Tumwebaze MA, Lee S-H, Adjou Moumouni PF, Mohammed-Geba K, Sheir SK, Galal-Khallaf A, Abd El latif HM, Morsi DS, Bishr NM, Galon EM, Byamukama B, Liu M, Li J, Li Y, Ji S, Ringo AE, Abdo RM, **Ibrahim HM**, Xuan X (2020). First detection of *Anaplasma ovis* in sheep and *Anaplasma platys*-like variants from cattle in Menoufia Governorate, Egypt. *Parasitology International* 78: 102150. <https://doi.org/10.1016/j.parint.2020.102150>. (IF: 2.01).

- Morsi DS, **Ibrahim HM**, Mohamed AH, Osman GY, Salem ML (2020). Lactoferrin as an immunomodulatory and iron binding agent: Possible clinical implication in COVID-19. *International Journal of Cancer and Biomedical Research* 4(SI):1-5.
- Ibrahim HM**, Mohamed AH, Shaaban AM (2020). Immunomodulatory properties of *Ocimum basilicum* on *Schistosoma mansoni* infected mice. *Bioscience Research* 17(3):1898-1911.
- Borhis G, Trovato M, **Ibrahim HM**, Isnard S, Le Grand R, Bosquet N, Richard Y (2020). Impact of BAFF blockade on inflammation, germinal center reaction and effector B-Cells during acute SIV infection. *Front. Immunol.* 11:252. doi: 10.3389/fimmu.2020.00252. (IF: 4.71).
- Ibrahim HM**, Mohammed-Geba K, Tawfic AA, El-Magd MA (2019). Camel milk exosomes modulate cyclophosphamide-induced oxidative stress and immuno-toxicity in rats. *Food & Function*, 10 (11):7523- 7532. DOI: 10.1039/C9FO01914F. (IF: 3.2).
- El-Daly M, **Ibrahim HM**, Labib E, Ghanem HS, El-Elaimy IA, Abdel-Hamid M. (2019). Significance of DEPDC5 and MICA Variants in Hepatocellular Carcinoma risk related Hepatitis C Virus patients in Egypt. *Eurasian Journal of Medicine and Oncology (EJMO)*, 3(4):274–280. DOI: 10.14744/ejmo.2019.90638
- Shaaban AM, **Ibrahim HM**, Mohamed AH. (2019). Effect of *Crocus sativus* aqueous extract (saffron) on *Schistosoma mansoni* worms in experimentally infected mice. *Egyptian Journal of Aquatic Biology & Fisheries*. 23(4): 391-408.
- Abdul Ghaffar FR., Abd El latif HM., Gouida MS El-Elaimy IA, **Ibrahim HM**. (2019). Evaluation of the antitoxic effect of levamisole or taurine against high dose of cyclophosphamide in tumor-bearing mice. *Archives of Oncology and Cancer Therapy* 2(1): 15-29.
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Nishikawa Y, Zhang H, **Ibrahim HM**, Ui F, Ogiso A, Xuan X. 2008. Construction of *Toxoplasma gondii* bradyzoite expressing the green fluorescent protein. *Parasitol Int.* 57(2):219-22. (IF: 2.372)

FUNDED RESEARCH PROJECTS:

- **Member** of Continuous Improvement and Qualifying for Accreditation Project (CIQAP) Faculty of Science, Menoufia University
- **Co-Investigator** of the preparatory research project: under the title "Development of molecular, physiological, and immunological biomarkers for early detection of stress related to aquaculture in the Mediterranean *meagre Argyrosomus rigeus*" and with the reference code "AP/039755/11" between Menoufia University, Egypt and University of Cadiz, Spain.
- **Co-Investigator** of the research project: under the title "Establishment of International Collaborating Network for Controlling Tick-borne Diseases in Africa" under the coverage of JSPS Asia-Africa Science Platform Project in collaboration with Obihiro University of Agriculture and Veterinary Medicine, Japan.
- **Consultant** of the research project: under the title "One health approach for an epidemiological overview of toxoplasmosis among blood donors in Egypt" under the coverage of Science, Technology & Innovation funding authority (STDF) under the call (One Health Research and Innovation Grant) Egypt, Project number 49090.

MEMBERSHIP

- French Society of Immunology
- Egyptian Society of Immunology
- Japanese Society of Parasitology
- Egyptian Student Association in Japan
- Egyptian-German Society of Zoology

- Egyptian Society of Natural Toxins
- Egyptian Society of Experimental Biology

MEMBER IN NATIONAL & INTERNATIONAL COMMITTEES:

- Member of the Egyptian National Committee for Biological Sciences in the Academy of Scientific Research and Technology
- Steering Committee Member of World Association for Advancement in Veterinary Parasitology- African Network (WAAVP-AN) hosted by the African Capacity Building Foundation (ACBF), African Union
- Arbitrator of the Permanent Scientific Committee for the Promotion of Professors and Associate Professors (Zoology & Entomology) in the Egyptian supreme council of universities.
- Member in the committee of the ethics of scientific research and Use of Experimental Animals, Faculty of Science, Menoufia University.
- Alumni member of the Japan Society for the Promotion of Science (JSPS) in Egypt.
- Alumni member of the French institute in Egypt (Institut français d'Egypte).

EDITORIAL CONTRIBUTIONS:

Guest Editor in Frontiers in Veterinary Science

Guest Editor in Frontiers in Tropical Diseases

Research Topic: Apicomplexa Epidemiology, Control, Vaccines and their Role in Host-Pathogen Interaction

REVIEWING MANUSCRIPTS IN INTERNATIONAL JOURNAL:

1- The Journal of Veterinary Medical Sciences: Epidemiological Survey for *Toxoplasma gondii*, *Chlamydia psittaci* var. *ovis*, *Mycobacterium paratuberculosis*, *Coxiella burnetii*, *Brucella* spp., Leptospirosis, and orf virus among Sheep from Northern Districts of Japan

2- BMC Infectious Diseases: Evaluation of immuno- efficacy of a novel DNA vaccine encoding *Toxoplasma gondii* rhoptry protein 38 against chronic toxoplasmosis in a murine model.

3- Journal of Bioscience and Applied Research: In vitro synergistic antimicrobial activity of pyocyanin produced by *Pseudomonas aeruginosa* and antibiotics against chronic suppurative otitis media.

4- Journal of Bioscience and Applied Research: Immunological study for *Helicobacter pylori* bacteria in human.

5- Journal of Advanced Trends in Basic and Applied Science: Study of CD16 as diagnostic

markers for hepatitis (C) virus and hepatocellular carcinoma in patients.

6- Jordan Journal of Biological Sciences (JJBS): Seroprevalence of *Toxoplasma gondii* in Cancer Patients Admitted to Hospitals of the Royal Medical Services in Jordan.

7- Asian Journal of Research in Infectious Diseases (AJRID): Awareness about Hepatitis B and/or C Viruses among Residents of Adama and Asella Cities.

8- International Journal of Cancer Research and Molecular Mechanisms (IJCRMM): Chemosensitizing Effects of Marine Astaxanthin in Doxorubicin Treated Animals.

9- Journal of Advances in Medicine and Medical Research (JAMMR): Seroprevalence of hepatitis B and C viruses amongst type 2 diabetic patients in Dutse, Jigawa State, Nigeria.

10- African Health Science (AHS): Evaluation of the level of awareness of congenital Toxoplasmosis and associated practices among pregnant women and health workers in Tanzania's Temeke District in Dar es Salaam.

11- International Journal of Cancer and Biomedical Research (IJCBR): Evaluation of the anti-tumor and immunomodulatory effects of synthetic chalcones and metal complexes in a tumor mouse model.

12- Journal of Parasitic Diseases: *Sarcocystis fusiformis* whole cyst antigen activates pro-inflammatory dendritic cells.

13- Heliyon: Developmental exposure to low doses of dichlorodiphenyltrichloroethane impairs proliferative response of thymic lymphocytes to Concanavalin A in rats.

14- Egyptian Journal of Basic and Applied Sciences: Curcumin offsets PTZ-induced epilepsy: involving inhibition of apoptosis, wnt/ β -catenin and autophagy pathways

15- International Journal of Cancer and Biomedical Research (IJCBR): Immunomodulatory Effects of Short- and Long-Acting β_2 Agonists in Induced Bronchial Asthma in Rats.

16- International Journal of Cancer and Biomedical Research (IJCBR): CD11b expressing cells are higher in responder neoadjuvant breast cancer patients

AWARDS:

- | | |
|------|--|
| 2005 | Certificate of Appreciation from the Rector of Menoufia University, Egypt |
| 2011 | Reward outstanding scientific publishing, Menoufia University, Egypt |
| 2012 | Reward outstanding scientific publishing, Menoufia University, Egypt |
| 2013 | Reward outstanding scientific publishing, Menoufia University, Egypt |
| 2013 | Award of the best research from National Committee of Biochemistry and Molecular Biology during the 10 th National Conference of Biochemistry and Molecular Biology |

- 2013 Certificate of Appreciation and the Medal of the University from the Rector of Menoufia University, Egypt
- 2014 Reward outstanding scientific publishing, Menoufia University, Egypt
- 2015 Reward outstanding scientific publishing, Menoufia University, Egypt
- 2015 Certificate of Appreciation from Teaching and Education Sector Menoufia Province, Egypt
- 2016 Certificate of Appreciation from the Rector of Children University Project, Menoufia University, Egypt
- 2018 Reward outstanding scientific publishing, Menoufia University, Egypt
- 2018 Certificate of Appreciation from the Rector of Children University Project, Menoufia University, Egypt
- 2019 Reward outstanding scientific publishing, Menoufia University, Egypt
- 2020 Reward outstanding scientific publishing, Menoufia University, Egypt

LABORATORY EXPERIENCE:

Cell and tissue culture, Lymphocytes isolation and culture, Monolayer cultures of peritoneal macrophages, radioactive materials license (2007-2009), ELISA, Sandwich ELISA, Protein Construction, expression and purification, Western blot, SDS-PAGE, PCR, Cloning, Indirect fluorescent Staining, Flow cytometry, Immunization with Oligomanose-coated liposome and DNA vaccine.

SCHOLARSHIP GRANTS

- Scholarship sponsored by the Ministry of Higher Education and Scientific Research, Egypt. Doctoral Program- April 2007 to April 2010- Laboratory of Genetic Biochemistry, National Research Center for Protozoan Diseases, Obihiro University of Agriculture and Veterinary Medicine, Japan
Supervisor: Prof. Dr. Yoshifumi Nishikawa
Supervisor: Prof. Dr. Xuenan Xuan
- Short term fellowship sponsored by French government. Post-doc- May to October 2014 in Department of Immunity, Infection & Inflammation, Institut Cochin, Université de Paris, INSERM, CNRS, 75014 Paris, France.
Prof. Dr. Yolande Richard