



Haiam Morsy Aboul-Ela, PhD

Head of Aquaculture department

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https://scholar.google.com/citations?user=1juP_XgAAAAJ&hl=en

<http://eg.linkedin.com/pub/haiam-aboul-ela/15/8b2/460>

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1. Research interests

Aquatic biotechnology, Marine natural products, Molecular biology, Biochemistry, Research methodology and Environmental studies.

2. Employment history/ Teaching experience

11/2023 – Present

Head of Aquaculture department | College of Fisheries and Aquaculture Technology, Arab Academy for Science, Technology and Maritime Transport, Alexandria, Egypt.

07/2020 – Present

Advisor | International Institute for Academic Research and Development (IIFARD). India

09/2019 – 10/2023

Lecturer | College of Fisheries and Aquaculture Technology, Arab Academy for Science, Technology and Maritime Transport, Alexandria, Egypt.

- Teaching of various courses for the undergraduate students of the school years from 2019/2020 to 2020/2021. The courses are; Chemistry, Biochemistry, Fish handling and stowage, Entrepreneurship, Research methodology, Ecosystem conservation, Aquatic biotechnology, Fish diseases and Fish quality control.
- Making exams, grading, controlling and invigilation processes.

09/2018 – Present

Board member | National Biotechnology Network of Expertise (NBNE), Academy of Scientific Research and Technology (ASRT).

09/2015 – 09/2016

Assistant Professor | Faculty of Science, Al-Taif University. Kingdome of Saudi Arabia (KSA).

06/2014 – Present

Senior researcher | Marine Biotechnology Laboratory. Division of Marine Environment, National Institute of Oceanography and Fisheries (NIOF).

04/2008 – 06/2014

Assistant researcher | Marine Chemistry Laboratory. Division of Marine Environment, National Institute of Oceanography and Fisheries (NIOF).

02/2003 – 06/2008

Research assistant | Marine Pollution Laboratory. Division of Marine Environment, National Institute of Oceanography and Fisheries (NIOF).

Academic year 97 – 98: Teaching practical organic chemistry courses at Chemistry & Physics department- Faculty of Education, Alex. University, Egypt

3. Education

10/2013

PhD: Biochemistry (Marine Biotechnology).

Faculty of Science, Biochemistry department. Alexandria University | Alexandria, Egypt

Title: "Investigation of Bioactive Compounds Extracted from Marine sponges- associated Proteobacteria and Firmicutes".

04/2008

M.Sc. Degree (Biotechnology)

Institute of Graduate Studies & Research (IGSR), Biotechnology department. Alexandria University | Alexandria, Egypt.

Title: "Biotechnological Tools To Evaluate The Oxidative Stress Of Some Transition Metals In Marine Environment".

05/1999

Postgraduate Diploma (Biotechnology)

Institute of Graduate Studies & Research (IGSR), Biotechnology department. Alexandria University | Alexandria, Egypt.

Title: "Role of anti-inflammatory drugs in alteration of phase II of drug conjugation".

05/1996

B.Sc. (Biochemistry, special degree) Very good with Honor

Faculty of Science, Biochemistry department. Alexandria University | Alexandria, Egypt

4. CAREER, RESEARCH AND ACADEMIC ACTIVITIES

Apr. 2021: Member of the Scientific Research committee. Arab Academy for Science, Technology and Maritime Transport.

Feb. 2020: Organizing committee member and participating in workshop of "Biotechnology from Sea to Lab". NIOF, Alexandria. 19th Feb. 2020

Nov. 2019: Organizing committee member of World Tsunami Day. Alexandria conference Center. 5th Nov. 2019

Sep. 2019: Organizing committee member and participating in workshop of "Scientific Writing and Presentation Skills". NIOF, Alexandria. 8-9th Sep. 2019

Jun 2019: Organizing a public lecture on "The National Bank for Scientific Laboratories and Equipment". NIOF, Alexandria 26th Jun 2019

Jun 2019: Giving a lecture entitled "Molecular Aspects in Marine Pollution". Workshop of "An overview of pollution in different Egyptian Ecosystem Environments". NIOF, Alexandria. 25th Jun 2019

Sep. 2018: Reviewer and editorial board member; The 1st International Conference on Safety and Security of The Scientific Applications. College of Science, Mustansiriyah Univ. Baghdad. Iraq

May 2018: Giving a lecture entitled: "Molecular Markers: Types and Applications". 15th May 2018. The National Institute of Oceanography and Fisheries. Alexandria

Dec. 2011: Organizing committee member in the 6th International conference of Natural Toxins. Mercure hotel, Ismailia; 15-18 Dec. 2014

Aug. 2013: Giving a lecture entitled: "Marine sponges: Therapeutic and Biotechnological applications". IGSR, Alex. Univ. 17 Aug. 2013

Feb. 2013: Judging committee member in Intel-ISEF science competition, Cairo Egypt

Dec. 2012: Organizing committee member in the 5th International Conference of Natural Toxins. Le passage hotel; Cairo. 17-19 Dec. 2012

Oct. 2011: Trainer in the Egyptian scientific syndicate on Molecular biology techniques and PCR

Oct. 2011-Date: The Egyptian Natural Toxins Society representative in Alexandria

May.2010: One of the NIOF representative team in The Cairo Science Festival 2010. AUC. Cairo. 26 Apr. – 30 Apr. 2010

Apr. 2010: One of the NIOF representative team in "The Science Festivity", Bibliotheca Alexandrina. 31 Mar. 2 Apr. 2010

Apr. 2010: Giving a lecture entitled: "Drugs from The Sea". The Science Festivity, Bibliotheca Alexandrina. 31 Mar. 2 Apr. 2010

Aug. 2009: A member of the National Institute of Oceanography and Fisheries' scientific instruments committee

May. 2009: Giving a lecture about: "Marine Pollution: A Case Study". Department of Biochemistry, Faculty of Science, Alexandria University.

Nov. 2007: A member of the organizing committee in: "The 8th International Conference on the Mediterranean Coastal Environment (MEDCOAST 07)", 13 – 17 Nov. 2007

Apr. 2007: A member of the organizing committee in the workshop of "Effects of industrial, touristic and maritime transportation on physical, chemical and biological characteristics of water and fish populations, West of Alexandria", 23 Apr. 2007

Nov. 2006: A member of the organizing committee in the workshop of "Red Tide and human health" Bibliotheca Alexandrina, 20 Nov. 2006

Sep. 2006: A member of the organizing committee and giving a lecture in the International conference of "Aquatic resources: Needs and Benefits" Sheraton Sep. 18-21.

Sep. 2006: Giving a lecture in "Genetic Ecotoxicology and DNA Damage". National Institute of Oceanography and Fisheries, Alexandria, Egypt.

May.2006: A member of the organizing committee in the training course of "Marine pollution and molecular basis". National Institute of Oceanography and Fisheries, Alexandria, Egypt

Apr.2006: A member of the organizing committee in the Workshop of "Fisheries and coastal area between Abu- Qir Bay and Mariut Lake", National Institute of Oceanography and Fisheries, Alexandria, Egypt

Jul.2005: A member of the organizing committee and in the international conference "Aquatic resources of Arab region". Sheraton.

Sep. 97 – Feb.98: Clinical laboratory specialist.

Academic year 97 – 98: Teaching practical organic chemistry courses at Chemistry & Physics department- Faculty of Education, Alex. University, Egypt

Editorial board membership:

- International Journal of Cancer and Biomedical Research
- IJBST Journal group
- American Journal of Plant Sciences (AJPS)

Awards:

- **Sep. 2006 :** First award for the best article "Oxidative stress and DNA damage in relation to heavy metal pollution in marine environment" presented in the International conference of Aquatic resources: needs and benefits", Sheraton Montaza, Sep. 18-21. Alexandria, Egypt.
- **Sep. 2008:** Listed in "Marquis Who's Who in the World 2009", ISBN: 9780837911410 http://bios.marquiswhoswho.com/haiam_morsy_aboul_ela/biologist_researcher/7710829

5. Conferences, training and workshops

1. Training course for "Writing Research Paper". Faculty and Leadership Development Center. Arab Academy for Science, Technology and Maritime Transport. 27 – 28 Oct. 2021
2. Training course for "Problem Solving and Decision Making". Faculty and Leadership Development Center. Arab Academy for Science, Technology and Maritime Transport. 11 – 12 Jul. 2021
3. Training course for "Examination and Student Assessments Systems Applied on E-learning". Faculty and Leadership Development Center. Arab Academy for Science, Technology and Maritime Transport. 8th Apr. 2021
4. 3rd International Virtual Conference on Science and Arts 2020 of the University of Babylon. 13-14 Jul. 2020
5. Climate Change Risks and Impacts on Vulnerable Communities Post COVID-19. Webinar. 9th Jul. 2020
6. Workshop on "Scientific Writing and Presentation Skills". NIOF, Alexandria. 8-9th Sep. 2019
7. Workshop on "An overview of pollution in different Egyptian Ecosystem Environments". NIOF, Alexandria. 25th Jun 2019

8. Workshop on: "Data management and Statistical analysis". 22nd April, 2019. The National Institute of Oceanography and Fisheries. Alexandria.
9. Workshop on: "Recent Trends in Natural Product and Medicinal Plants Research". 4th March, 2019. National Research Center, Giza, Cairo
10. The 4th International conference on "Biotechnology and Environmental Safety" under the theme of "Technology and Innovation Options for Sustainable Management of Water Resources in Egypt". 27 – 28 February, 2019. National Research Center, Giza, Cairo.
11. Workshop on: "A paradigm shift in accessibility of Mass spec. systems- Applications in organic synthesis, purification and detection" 2nd Feb. 2019. The National Institute of Oceanography and Fisheries. Alexandria.
12. Workshop on "IDEXX water testing solutions (Defined Substrate Technology (DST))". 11-12 December, 2018. The National Institute of Oceanography and Fisheries. Alexandria.
13. Fish Physiology and Biochemistry Workshop (Organized by NIOF as part of STDF project No. 15008 Activities). 22 – 23th October, 2018. NIOF, Alexandria.
14. Training course on : "Marine Biotechnology". 15 – 16 May, 2018. The National Institute of Oceanography and Fisheries. Alexandria.
15. Workshop on: "Preparation and Applications of advanced nano compounds". 5 March, 2018. Institute of Graduate Studies and Research. Alexandria University.
16. Workshop on: "Phylogony and Molecular evolution (Bioinformatics level II). 3-4 December, 2016. Medical Technology Center, Alexandria University.
17. Workshop on: "Basics of Scientific writing and International Publishing". 22nd November, 2016. Medical Technology Center, Alexandria University.
18. Training course on: "Advanced approaches in Chemical analyses". 23-26 March 2016. The National Institute of Oceanography and Fisheries, Alexandria.
19. Training course on: "Recent Concepts for Quality Control". 22-23 April 2014. The National Institute of Oceanography and Fisheries, Alexandria.
20. Workshop on "Oceanic Bioactive Substances: Story, Approach and Future Aspects". 17 April 2014. The National Institute of Oceanography and Fisheries, Alexandria.
21. First Symposium on: "Advances in Biological Sciences". Institute of Graduate studies and research (IGSR). 17 Aug. 2013. Alexandria
22. 5th International Conference of Natural Toxins. Le passage hotel; Cairo. 17-19 Dec. 2012
23. International Conference of Biovision, "New life sciences: Linking Science to Society". Bibliothica Alexandrina, Alexandria, Egypt. 22 - 25 April 2012
24. The First Annual Meeting of The Middle-Eastern Association for Cancer Research (MEACR): Cancer Research from Bench to Clinic. 27 -29 Dec. 2011. TANTA UNIVERSITY, TANTA, EGYPT
25. The 2nd International Workshop on "Industrial Biotechnology". Conference Center- Cairo, Egypt. 20 - 21 July 2011
26. "Bioinformatics BTC-003" workshop. 2 - 7 July 2011, Biotechnology Center, Faculty of Pharmacy, Cairo University.
27. "Linking Research Institutions, Universities, and Industry in the Arab World" . TWAS-ARO 6th Annual Meeting. Bibliothica Alexandrina. 22-23 Dec. 2010

28. The 4th International Conference on Aquatic Resources: Preservation, Protection and Development. Sheraton El-Montaza, Alexandria. 7-9 Dec. 2010
29. SCOPH Congress; Climate Change and Public Health. Alexandria University, Faculty of Medicine. 4th Nov. 2010
30. Training course on "Molecular Based Techniques: 1) PCR and RT-PCR Assays". Center of Biotechnology Services and Research, Faculty of Veterinary- Cairo University. 11-14 Apr. 2010
31. "Hands On: Basics of Cell Culture" Training Course, Medical Research Institute, Medical Technology Center, Immunity Unit. 8-10 Nov. 2009
32. "How to Write A Proposal?" workshop, DAAD team. Faculty of Medicine. Nov. 2009
33. Workshop "FP7 Information Day". NIOF, 28 Sep. 2009
34. Advanced training course on "Secondary pharmaceutical metabolites". Horticulture Research Institute, Giza. 5-9 Jul. 2009
35. International Symposium on Health Risk, Management and Mitigation of Algal Toxins in Food and Drinking Water. National Research Center, Cairo, Egypt. 15th Dec. 2008
36. The 2nd Workshop of Clinical genomics Center: Metabolic Storage Disease, Clinical Genetics Perspective. Faculty Council Hall, Alexandria Faculty of Medicine. 2nd Dec. 2008
37. The Second International Conference on Aquatic Resources: Integrated Coastal Management and Sustainable Development. Sheraton-Montazah International Hotel, Alexandria, Egypt. 22-25 Nov. 2008
38. The National Symposium on Future Industries and Applications of Nanotechnology Techniques in the Arab States, Cairo - the headquarters of the Academy of Scientific Research and Technology 11-12 Nov.2008
39. The Mobility day of Research, Development and Innovation (RDI) Program in cooperation with Egypt NCP for People (ENSTINET) & the Delegation of European Commission in Egypt. Alexandria University on 21st Oct. 2008, Faculty of Medicine – Conference Hall
40. Workshop of "Technical writing: How to successfully write research proposals, papers, theses and reports" Bibliothica Alexandrina, 27 – 28 Aug. 2008
41. The 7th Workshop on Ubiquitous Computing and Intelligence Information: Challenges and Solutions. Mubarak City for Science and Technology. 21st Jul. 2008
42. EU-Egypt Innovation Fund (EEIF) Information Day, Bibliothica Alexandrina, Egypt. 26th May, 2008.
43. Training course of "Marine Geophysics". National Institute of Oceanography and Fisheries, Alexandria (19/11/2006 – 15/4/2007)
44. The First Arab Conference "contemporary environmental issues and future in the Arab region". 24 – 26th Feb. (2007). Ain Shams University, Cairo. Egypt
45. International conference of "Aquatic resources of Arab region". Sheraton Montaza, 7-9th May. 2007 Alexandria, Egypt.
46. Nanotechnology Workshop, 2-3 Sep. (2007). Bibliothica Alexandrina, Egypt
47. International conference of "Aquatic resources: Needs and Benefits", Sheraton Montaza, 18-21 Sep. (2006). Alexandria, Egypt.

48. International Conference of Biovision, "New life sciences changing lives". Bibliotheca Alexandrina, Alexandria, Egypt (2006)

6. Professional memberships

- **Jul. 2020 – Present:** Advisor at the International Institute for Academic Research and Development (IIFARD)
- **Jul. 2011- Present:** Member of The Arab Biotechnology Association
- **Oct. 2011- Present:** The Egyptian Natural Toxins Society representative in Alexandria
- **Nov. 2010- Present:** Member of The Egyptian Society of Natural Toxins (EgyNatTox). <http://www.egynattox.com/index.html>
- **Jan. 2010- Present:** Member of the Arab Materials Science and Nanotechnology Network (AMSN). ASTF. Egypt. <http://amsn-network.astf.net>
- **Jan. 2010- Present:** Member of the Egyptian Society of Experimental Biology (ESEB) <http://www.egyptseb.org/>
- **2008- Present:** Member of the WSEAS active reviewers:
 - <http://www.worldses.org/review/2008reviewers.htm>
 - <http://www.worldses.org/review/2009reviewers.htm>
- **Sep. 2007 – Present:** Member of the Directory of Marine and freshwater professionals (OceanExperts). <http://oceanexpert.org/viewMemberRecord.php?&memberID=14122>
- **1996– Present:** Member of Egyptian syndicate of scientific professions skills.

7. Scientific projects

Finished:

1. Creation of a Marine Natural Products Library as Histone Deacetylase Inhibitors. RSTDG (Research Support Grant). 2014
2. Construction of Marine Biotechnology Laboratory in the National institute of Oceanography and Fisheries, Alexandria. Capacity Building call, STDF 2011
3. RESEARCH INFRASTRUCTURE SUPPORT EquipME Program-2011, The Egyptian Ministry of Scientific Research. Egypt

Running:

4. National Biotechnology Network of Expertise (NBNE), Academy of Scientific Research and Technology (ASRT). Egypt. 2018-2021

8. Theses under my supervision

Running

"Value Chain Analysis of the Egyptian Mediterranean small scale Fisheries". Doctorate thesis submitted to Maritime postgraduate studies institute. Arab Academy for Science, Technology and Maritime Transport. 2021

Finished

1. "Barcodes for macroalgae in Egyptian Mediterranean coast and their capacities for heavy metals removal from polluted water. PhD thesis submitted to Alexandria University, Faculty of Agriculture. Department of Genetics. 2019
2. "Isolation, Identification and Nano-formulation of Bioactive Compounds from Marine Sponges". PhD thesis submitted to Mansoura University, Department of Chemistry. Faculty of Science, 2014.
3. "Bioactivity Screening of Spirulina Blue green algae extract and its protective effect against DNA damage in rats". MSc thesis submitted to Alexandria University, Faculty of Agriculture. Department of Genetics. 2014

9. Selected publications

1. D. A. Edwar, I. N. Naji, and **H. M. Aboul-Ela**, "Investigation the Role of Various Antiseptics on the Prevalence of Skin Microbiota and Post Cesarean Surgery Infections", Al-Mustansiriyah Journal of Science, vol. 34, 03, pp. 1–9, **2023**
2. Sally I. AbdelAziz, Mai Salah, **Haiam M. Aboul-Ela**, Reda M. Fahim. The Importance of Applying Value Chain of Fisheries in Mediterranean Sea in Egypt: A Systematic Review. International journal of advanced scientific research and innovation, 6, 02, 1 – 12, **2023**
3. **Haiam M. Aboul-Ela**, Aida M. Farag, Ibrahim M. El-sherbiny, Mamdouh Abdel-Mogib, Ahmed. S. Shehata. Isolation, Antimicrobial and Cytotoxic Activity of Bioactive Secondary Metabolites from Marine Sponge-Associated Bacteria. Egyptian Journal of Aquatic Biology and Fisheries, 27,05, 249 – 263, **2023**
4. Abdelaziz H. Elmotyam, Mayar A. Belal, Mina H. Fouad, Nada A. Mohamed, Neveen E. Elkasas, **Haiam M. Aboul-Ela**. Potential Application of Chitosan Nanoparticles as Preservative Agent for Fishery Products. Egyptian Journal of Aquatic Biology and Fisheries, 27,04, 785 – 799, **2023**
5. Ola Kh. Shalaby Ashgan A. AbouGabal, Aly-Eldeen Mohamed A., **Haiam M. Aboul-Ela**, Asmaa A. Khaled, Hesham M. Aly, Mustafa Ib. Abdullah. DNA Barcoding of Marine Macroalgae as Bioindicators of Heavy Metal Pollution. Marine Pollution Bulletin, 189, 114761, **2023**
6. AA AbouGabal, AA Khaled, **HM Aboul-Ela**, HM Aly, MH Diab, OK Shalaby. Marine Macroalgal Biodiversity, Spatial Study for the Egyptian Mediterranean Sea, Alexandria Coast. Thalassas: An International Journal of Marine Sciences, 1-8, **2021**
7. **Haiam M. Aboul-Ela**, Reham G Elkomy, Hosam Saleh and Mohamed SM Abd ELHafez, "Phylogenetic characterization based on Mitochondrial cox 1 gene analysis, antibacterial and antioxidant potential of the red algae *Hypnea cornuta* extracts", International Journal of Pharmaceutical Research, 13,01, 2960-2971 , **2021**
8. Ashgan A. Abou Gabal , Asmaa A. Khaled , **Haiam M. Aboul-Ela**, Hesham M. Aly and Ola Kh. Shalaby "Variation of photosynthetic pigments and biochemical screening in some seaweeds from Eastern Harbor, Alexandria, Egypt" , Egyptian Journal of Aquatic Biology and Fisheries, 25, 01, 213 – 226 , **2021**

9. M. S. M. Abd El Hafez, R. G. ElKomy, H. Saleh and **Haiam M. Aboul-Ela**. Extracts of the green algae *Ulva prolifera* possess antioxidant and antibacterial activities in vitro. *Egyption Journal of Aquatic Biology and Fisheries*. 24(4): 267-280. **2020**
10. **Haiam M. Aboul-Ela**, Nashwa F. A. Azzam, Mohamed A. Shreadah and Michelle Kelly. Antimicrobial activities of five bacterial isolates associated with two Red Sea Sponges and their potential against multidrug resistant bacterial pathogens. *Journal of Aquatic Research and Fisheries*. 23(4): 551 – 561. **2019**
11. Shreadah MA, Abdel Monem MA, Yakout GA, **Aboul Ela HM**. Sponge- Associated Bacteria: Isolation, Phylogenetic Analysis and Biotechnological Potential. *Biomed J Sci & Tech Res* 15(2)-**2019**.
12. Mohamed A Shreadah, Nihad M Abdel M, Galila A Yakout, **Haiam M Aboul Ela**. Bacteria from Marine Sponges: A Source of Biologically Active Compounds. *Biomed J Sci&Tech Res* 10(5)-**2018**
13. AbouGabal, Ashgan; El-Sayed, Heba; **Aboul-Ela, Haiam**; Khaled, Ahmed; Khaled, Asmaa and Shalaby, Ola. Optimization of *Spirulina platensis* Biomass and evaluation of its protective effect against chromosomal aberrations of bone marrow cells. *Fisheries and Aquaculture Journal*. 10(1): 260. **2018**
14. Mohamed A Shreadah, Nihad M Abdel Monem, Galila A Yakout and **Haiam M Aboul Ela**. Isolation, Phylogenetic Analysis of the Microbial Community Associated with the Red Sea Sponge *Ircinia Echinata* and Biological Evaluation of their Secondary Metabolites. *Biomedical Journal of Scientific and Technical Research*, 12(2): 9064-9082. **2018**. DOI: 10.26717/BJSTR.2018.12.002218.
15. N.G. Shams El-Din and **H.M. Aboul-Ela**, The New Record of *Grateloupia doryphora* (Halymeniaceae, Rodophyta) Alga in the Egyptian Mediterranean Sea Recognized by Morphological and Molecular Integrative Approach. *Plant Cell Biotechnology and Molecular Biology* 18(7&8):432-449; **2017**
16. AbdelMonein, N.M., Yacout, G.A., **Aboul-Ela, H.M.** and Shreadah, M.A. Hepatoprotective Activity of Chitosan Nanocarriers Loaded with the Ethyl Acetate Extract of a *Stenotrophomonas sp.* Bacteria Associated with the Red Sea Sponge *Amphimedon ochracea* in CCl₄ Induced Hepatotoxicity in Rats. *Advances in Bioscience and Biotechnology*, 8, 27-50. **2017**
17. Eman M.Aly, **Haiam M. Aboul-Ela**, Mervat A. Ali. The influence of various toxic effects on the cornea and lens induced by carbon tetrachloride in mice and the antioxidant effects of *Spirulina platensis*, *Indian Journal of Science and Technology*, vol 9 (35). **2016**
18. Zeweil H.; Abaza, I. M.; Zahran, S. M.; Ahmed, M. H., **Haiam M. Aboul-Ela** and Asmaa, A. S. Effect of *Spirulina platensis* as dietary Supplement on Some Biological Traits for Chickens under Heat Stress Condition. *Asian Journal of Biomedical and Pharmaceutical Sciences*, 6(56), **2016**, 8-12.
19. Ashgan A. AbouGabal, **Haiam M. Aboul-Ela**, Eman M. Ali, Ahemd E.M. khaled, Ola Kh. Shalaby. Hepatoprotective, DNA Damage Prevention and Antioxidant Potential of *Spirulina platensis* on CCl₄-Induced hepatotoxicity in Mice. *American Journal of Biomedical Research*. Vol. 3, No. 2, **2015**, pp 29-34.

20. AshganA. AbouGabal, **Haïam M. Aboul-Ela**, Ahemd E.M khaled, Ola Kh. Shalaby. Effect of *Spirulina platensis* Food Supplement on Blood Morphological Parameters on Swiss Albino Male Mice. Current Science International. Vol. 4, No. 2, **2015**, pp 184-187
21. **Haïam M. Aboul-Ela**, Mohamed A. Shreadah, Nihad M. Abdelmoneim, Galila A. Yakout and Rob vanSoest. Isolation, Cytotoxic Activity and Phylogenetic Analysis of Bacillus Sp. Bacteria Associated with the Red Sea Sponge *Amphimedon ochracea*. Advances in Bioscience and Biotechnology, **2012**, Vol.(3), P: 815-823
22. **Haïam M. Aboul-Ela**. Marine sponges: A potent source of anticancer metabolites. A poster presented in The First Annual Meeting of The Middle-Eastern Association for Cancer Research (MEACR): Cancer Research from Bench to Clinic. 27 -29 Dec. **2011**. TANTA UNIVERSITY, TANTA, EGYPT
23. **Haïam M. Aboul-Ela**. Bioactive Compounds from The Phylum Porefira (Marine Sponges)- A Review. An Abstract presented in The 2nd International Workshop on "Industrial Biotechnology". Conference Center- Cairo, Egypt. 20 - 21 July **2011**. pp 70
24. **Haïam M. Aboul-Ela**, Abir A. Saad, Amany M.A. El-Sikaily, Taha I. Zaghoul. Oxidative stress and DNA damage in relation to transition metals overload in Abu-Qir Bay, Egypt. International Journal of Genetic Engineering and Biotechnology, (9):51 – 58. **2006**
25. **Haïam M Aboul-Ela**, Amany El-Sikaily, Abir A. Saad. Taha Zaghoul. Oxidative stress and DNA damage in relation to heavy metals pollution in Marine Environment. An abstract presented in The International conference on Aquatic resources: Needs and Benefits. September 18-21, **2006**, Alexandria, Egypt.pp:36-37

Scientific essays:

1. "The Red Sea: The missing Treasure". An essay Submitted in the Environ Day 2010 Booklet, Faculty of Science, Alexandria University.
2. Biotechnology: for a better environment. An essay Submitted in the Environ Day 2008 Booklet. Faculty of Science, Alexandria University
3. Lecture handout in: "Genetic ecotoxicology and DNA damage". NIOF library. 2007

MSc and PhD Thesis:

1. "Investigation of Bioactive Compounds Extracted From Red Sea Sponges-associated Proteobacteria and Firmicutes". PhD Thesis submitted to the Biochemistry department, Faculty of Science. Alexandria University, **Aug. 2013**
2. "Biotechnological tools to evaluate the oxidative stress of some transition metals in marine environment". M.Sc. thesis submitted to the Biotechnology Department, Institute of Graduate Studies and Research, **Apr. 2008**

Marine Bacterial and Algal isolates in NCBI

1. HA-MS-41[JX484800], <http://www.ncbi.nlm.nih.gov/nuccore/JX484800>
2. HA-MS-105 [JQ768239] <http://www.ncbi.nlm.nih.gov/nuccore/JQ768239>
3. HAMS-119 [JQ768240] <http://www.ncbi.nlm.nih.gov/nuccore/JQ768240>
4. HA-21[JQ768238] <http://www.ncbi.nlm.nih.gov/nuccore/JQ768238>
5. HA-MS-52 [JX484799] <http://www.ncbi.nlm.nih.gov/nuccore/JX484799>
6. HA-MS-118 [JX484801] <http://www.ncbi.nlm.nih.gov/nuccore/JX484801>
7. HA-MS-11[JX494760] <http://www.ncbi.nlm.nih.gov/nuccore/JX494760>
8. HA-MS-22 [JX494759] <http://www.ncbi.nlm.nih.gov/nuccore/JX494759>
9. HA-MS-21[JX494761] <http://www.ncbi.nlm.nih.gov/nuccore/JX494761>
10. HA-68 [JQ751264] <http://www.ncbi.nlm.nih.gov/nuccore/JQ751264>
11. EMBOSS-002 [KT428653] <https://www.ncbi.nlm.nih.gov/nuccore/982518514/>
12. EMBOSS_001[KT428652] <https://www.ncbi.nlm.nih.gov/nuccore/gb%7CKT428652>

10. Language skills

Arabic | Mother Tongue. **English** | Professional Level.

2020: (IELTS (Academic) Overall band score= 6).

2020: Active reviewer in the International Journal of Cancer and Biomedical Research

2008- Date: One of the WSEAS active reviewers:

<http://www.worldses.org/review/2008reviewers.htm>

<http://www.worldses.org/review/2009reviewers.htm>

Dec. 2004: ITP TOEFL, AmidEast, Egypt (Score: 560)

11. Soft skills

Excellent skills in manipulation and presentation of the scientific data, Data Show Presentations and Scientific Posters designing using the computer software programs

Sep. 2002 – Dec. 2002: Training course of Information Technology (IT, Windows, Word, Excel, Access, PowerPoint, Internet) at the Commercial Chamber of Alexandria (Excellent degree)

Mar. 2011: ICDL