

ZEINAB ABOU-ELNAGA, Ph D

35516 ElGam3a Str., Faculty of Science, Mansoura University, Mansoura, Egypt. Office Fax: 002 050 2246781.
Mobile: 002 011111 09526. z.aboelnaga@yahoo.com; zenab_77@mans.edu.eg; dr.z.aboelnaga@gmail.com

ENVIRONMENTAL SCIENTIST & Natural CHEMISTRY

*Experienced in Teaching, Lecturing, E-learning, Training and Coaching.
As a scientist, experienced in Isolation, Identification & Testing of the
Biologically Active Natural Chemicals, Sustainable Insect Control, Insect
Classification, Insect Biology & Ecology, Water Eco-toxicity, POPs Water
Pollution, & Water Sustainable Management*



Born on 17th January 1980 and graduated from the Faculty of Science in 2000. Highly expert motivated, and professional with nearly 20 years of experience in scientific research, academic teaching, and administration assistance, able to effectively communicate at all organizational levels to promote certain ideas, and technologies. Innovative, out of the box thinker, with excellent analytical problem-solving capabilities. Presented many applied research papers at national and international scientific conferences. Participated effectively in many different international scientific activities.

- Director/Administration
- Chemistry of insecticides
- Insect Biology and Control
- Environmental Science
- Chemistry of pesticides
- Designing of E-Courses
- Photoshop
- Advanced Microsoft office
- Quality assurance co-ordination
- Scientific networking
- Scientific conferences
- International cooperation
- Organizer and coordinator
- Certified Trainer
- Consultant

PROFESSIONAL EXPERIENCE

- **Elected Vis-President of the International Exceed-SWINDON Association for SWM- Germany.** 2019-2021
- **Elected Coordinator of MENA Region members of EXCEED-SWINDON Project. Germany.** 2019-2022
- **Organizer and moderator of many international conferences and meetings online and F2F.** 2019- to present
- **DIRECTOR of Environmental Impact Assessment Studies EIAS Center of Mansoura University** 2018 to present
- **HEAD OF THE ENTOMOLOGY RESEARCH GROUP, at Zoology Department, MU.** 2015 to present
- **ASSOCIATE PROFESSOR** 2015 to present
- **Egypt representer at the ESESCO Algeria conference for "Scientific Women Empowerment".** December 2014
- **DIRECTOR OF Mansoura University International Relations Office, MUIRO.** 2012 to Present
- **LECTURER/ASSISTANT PROFESSOR (Ph. D.)** 2008 - 2014

Zoology Department, Faculty of Science, Mansoura University (March 2008)

In short, Responsible for teaching some academic courses for undergraduate and postgraduate students, examination, training the graduating students during summer training period, research projects, postgraduate students research supervision, consulting the students' cultural activities and quality assurance program (Chemistry/Entomology) coordinator.

ASSISTANT LECTURER (M. Sc.)**2004 to 2008**

Zoology Department, Faculty of Science, Mansoura University (June 2004 – March 2008). Teaching the practical courses related to different scientific specialization in Zoology Department. In parallel way, doing the Ph.D. research work, and building up the professional skills via different training courses.

DEMONSTRATOR (Practical teaching assistant)**2001 to 2004**

Zoology Department, Faculty of Science, Mansoura University (December 2002 – August 2004)-Teaching the practical courses related to different scientific specialization in Zoology Department and doing the Master research work.

ASSISTANT RESEARCHER**May to November 2001**

Egyptian Environmental Affairs Agency (EEAA), related to Ministry of State for Environmental Affairs (MSEA).

EDUCATION

- Postdoctoral fellowship (Chemistry) at Jacobs University, Bremen, Germany.** **Germany, 2008**
- Ph.D. in Sciences**, Chemistry of Natural Insecticides: entitled "Biological and chemical Studies of Some Natural Plant Extracts and Their Constituents for the Control of the Household Mosquito", *Mansoura University*. **Egypt, 2008**
- M.Sc. in Sciences**, Entomology (Chemistry of natural insecticides): entitled "Studies on the Insecticidal Effect of Certain Natural Products on Some Economically Important Insect Species", *Mansoura University*. **Egypt, 2004**
- B.Sc. in Sciences**, Biology: Zoology & Chemistry program, Faculty of Science, *Mansoura University*. **Egypt, 2000**

SKILLS

RESEARCH (PRACTICAL) SKILLS:

Entomologist specialized in the field of insect control and their biology.

- = Identification of Anopheline, Culicine and Aedes.
 - = Collection of adult mosquitos using different type of collection methods, (Indoor, Outdoor, Light trap, exit trap, drop net, Bed net, Fabricated trap, all night man landing collection etc.,)
 - = Collection of immature stages from the field, Oviposition experiments, Colony maintenance of vector species.
 - = Species composition and seasonality, prevalence of vector mosquitoes Colonization and rearing of different vector species.
 - = Evaluating the insecticidal activity of purely isolated natural chemicals (phytochemicals) against different types of insect pests.
 - = Identification and evaluation of water pollution bio-indicators.
- On the other hand of specialization in Chemistry, expert in dealing with scientific instruments (spectral analysis instruments) by having a training in the use of GC/MS (Varian Saturn 2100) and high field NMR spectroscopy (Jeol ECX 400 MHz), independently. In addition to using the most recent spectral instrument LC-MS tandem mass (Bruker HCT ultra) and the modern NMR spectroscopy (2-D NMR). For isolation and identification of the phytochemical compounds. **All these experiences were gained in Jacob's University (IUB), Bremen, Germany.**
 - Bio-assay data statistics.
 - **Using scientific computer programs such as:** Chemoffic, Chemwin, Ldp- line and SPSS statistical program, in addition to the adobe Photoshop, Microsoft Office programs, and the scientific databases (SciFinder CAS).
 - **Very good in designing of the electronic courses:**
 - 1- Chemistry of natural product insecticides course
 - 2- General Entomology & insect morphology course
 - 3- An introduction of Ecology course
 - 4- Pollution Bioindicators
 - 5- Sustainable Water Management
 - **Practical Courses & Lectures taught by applicant:**
 - 1- Chemistry of natural product insecticides (Lectures).
 - 2- Entomology (Taxonomy, Anatomy, Morphology, Micro-techniques, & histopathology)
 - 3- Ecology & Egyptian fauna (Lectures & Practical).
 - 4- Chemical control of insects (Lectures & Practical).
 - 5- Insecticidal applications and activity. (Lectures & Practical)
 - 6- The basics of Cytogenetic and Genetic engineering (lectures, & practical)
 - 7- General Zoology.

LANGUAGE SKILLS:

Multilingual: fluent in Arabic & English. Basic in German and studying courses (ZD) in German language at Deutsche Welle online learning and practicing electronically via Livemocha website, <http://www.livemocha.com>

TRAINING

- 1- Preparatory training in the information technology software (Dos, Windows, Microsoft office & Internet), introduction to PC maintenance & protection. 12/5/2001 – 5/7/2001
- 2- Training on the study and research skills in English, ELTC, Faculty of Education, Mansoura University. 12/5/2001 – 5/7/2001
- 3- Training on management skills and public relations, Faculty of Business, Mansoura University. 12/5/2001 – 5/7/2001
- 4- Training in the Mansoura University Development Centre (E-mail: udc@mans.edu.eg, <http://udc.mans.edu.eg/>)
 - a. Thinking Skills, (20 hrs.), from 5-8 June 2005.
 - b. Methods of Scientific Research (20 hrs.), from 19-22 June 2005. c. Effective Presentation Skills, (20 hrs.), from 31/7/05 – 3/8/05.
 - d. Effective Communication Skills, (20 hrs.), from 18- 21 September 2005.
 - e. Research projects of local and global competitiveness, (16 hrs.), from 23-25 November 2008 f. Quality standards in the learning process, (16 hrs.), from 1-3 January 2009
 - g. Scientific Publishing, (16 hrs.), from 19-22 April 2009
 - h. Conferences Organization (16 hrs.) from 21-24 February 2010
- 5- Complementary course in the installation of the electronic microscope and uses different methods and different sample processing vital, Zagazig University, Faculty of Science, Electron Microscope Centre. 27 March, 2007
- 6 Having a program of Universal Lecturer training cycle number 61, Faculty of Education, MU 1-11 July - 2007.
- 7 The ICTP (International Computer Training Program), Faculty of Computer & Information Sciences, - Mansoura University, Egypt. 11-17 November 2007.
- 8- Participant in the “FP7 Workshop”. 13th November 2008 organized by DAAD. In addition to “proposal Writing workshop”. 11th November 2008
- 9- Attendance of Session to prepare leaders, from 24th to 29th of July 2009. courses are in a preparation of external per reviewers and stimulation modules, for pre university Education system. 9-19th August 2009
- 10- Attending the first German-Egyptian DAAD Alumni workshop for Social Scientists: Transition and Crisis: Economic challenges for Germany and Egypt compared, in 21st November 2009 in Cairo, Egypt.
- 11-DAAD Alumni Academy (Certificate - 2nd Intake). A training courses in the following subjects: Communication in teams, Basics of Management and Leadership, Time Management and Planning, Strategic Management, Conflict Management and Negotiation, Finance for Non-Financials, Creativity, Business planning, positive thinking, change management, and solution thinking. 2013
- 12-TOT Prep. Program (TOTp), National Center for Faculty and Leadership development (NCLFDP), Mansoura, 20-7-2011.
- 13- TOT Research Team Management advanced training program (TOTa), NCFLD, Cairo, Egypt. Jun 2013.

FELLOSHIPS & AWARDS

- Attendance a workshop on "Architecture in Nanospace" by Nobel laureate, Sir Harold Kroto. At Jacobs University (IUB), Bremen, Germany. **May 27, 2008**
- Participant in SUMMER SCHOOL 2009 (NOP), "Sustainability in the organic chemistry lab course" at TUBS, Germany. From 24th March to 4th, April. **2009**
- Representing the DC in the 2nd half of the UN Decade conference (UNESCO for Education for Sustainable Development, ESD), held in Bonn, Germany. From March, 31st to April 3rd. **2009**
- Participant at the International Symposium on "Chances and risks of wastewater recycling, urgent issue for sustainability", TU Braunschweig, Germany. From 24th Oct – 7th Nov 2009. Funded by DAAD alumni program, Germany. **2009**
- Participant at the international meeting on "Microalgae- Sustainable Resource for Energy and Chemical Feedstock Production – Scientific Aspects and Industrial Applications", TU Braunschweig, Germany. From 27.06 – 04.07. 2010. Funded by DAAD alumni program, Germany. **2010**
- DAAD-Winter School, & Online Educa conference 2010: "Accreditation: E-learning in the age of globalization", Freie University Berlin, Germany. From 22nd November to 4th December. Funded by DAAD alumni program, Germany. **2010**
- **Award of the best PhD thesis** in the biological Science, Mansoura University, Egypt. **2008-2010**
- DAAD-Summer School on "water and International relations" at TU Braunschweig, Germany. 5-16 Sept. **2011**
- Winning the title of; "**Women in Chemistry, June, 2011**"; by WILEY-VCH, the International Year of Chemistry (IYC **2011**) http://www.chemistryviews.org/details/ezone/1059875/Women_in_Chemistry_Interview_with_Zeinab_Shaaban_Abd_El-Ati_Abou_El-Naga.html
- Participated in & completed the Joint **ICTP-TWAS** Workshop on " Science Communication in Developing Countries: Bridging the Gap between Science, Policy and the General Public", Miramare, Trieste – Italy, 17- 21 October. **2011**
- **UNESCO/DAAD-Alumni** conference "water in Africa" on "Sustainable Water Management in African Countries, Kisumu, Kenya, 1-3 Oct. **2012**
- **ILO Scientific advisor** for a mission to Tunisia "survey on the medicinal plant sector for new jobs empowering women and youth", Tunisia. **August 2012**
- **Invited Keynote speaker** at the 3rd International Conference on Water Resources and Environmental Management (ICWRE 2014) "Role of Governance in the Management of Water Resources and Environment" organized by GIWEH-Global Institute for Water, Environment and Health, 13-15 May. **2014**
- **Invited Keynote speaker** in the Regional Workshop "Urban Water Management & Water Demand Management" May 16-20, Antalya, Turkey. **2014**
- Invited Keynote speaker at the International Conference on Water Resources & Environmental Management, ICWRE, held on 10-16, May, Turkey. **2014**
- **Invited as a conference scientific committee** to the International Symposium on Water Pollution and Environmental Impacts in the Mediterranean Basin, 24-27 November, Sousse, Tunisia. **2014**
- **Egypt representer at the regional ISESCO symposium** "Promotion Des Femmes Scientifiques" presentation title "Creative and scientific capabilities of women to leadership towards good governance and sustainability", held in Algiers, from 24-25 December **2014**
- EXCEED/Swindon Summer School: "INTEGRATED CONCEPTS ON THE MANAGEMENT OF WATER AND WASTEWATER", Braunschweig, Oct 26 – Nov 3. **2015**
- Organizer of the Regional Workshop "Solutions to Water Challenges in MENA Region" Cairo, Egypt **2017**
- Management Board Member of Exceed-SWINDON project and the elected representative of MENA Region. **2017-2018**
- MENA's Region coordinator -Elected- and MU representer at EXCEED-SWIDON project. **2019-2021**
- Scientific moderator and head of the organizing committee of MENA's region webinar series about "Energy and Water nexus". **2020**
- Scientific moderator and head of the organizing committee for the international EXCEED webinar series about "Soil, Water and Food pollution". **2021**

SCIENTIFIC PROJECTS

RESEARCH PROJECTS:

- Project Partner "Molecular studies and different methods for controlling mosquito's insect in El-Dakahlia governorate". Funded by the research unit, Mansoura University. **2006-2008**
- Project partner "Secondary metabolites chemistry of algal species from Saudi Red Sea coast" funded by deanship of scientific research No. (8-003 /9 2 4) **2009-2010**
- Project Partner "Socioeconomic impact of Jatropha oil for biodiesel production", funded by the research unit, Mansoura University. **2010-2014**
- Project PI of the Egyptian side at STDF (GERF): "Alternative approaches to produce "functional plant derived foods" based on a horizontal transfer of natural products", " Funcfoods" (Functional Foods = Nutraceuticals by horizontal transfer of natural products). **2015**
- Project partner of EXCEED/Swindon joint research fund "Development of biofilm collectors as passive samplers to control water pollution in wastewaters, surface waters, and ground waters in the Middle East Region. "The Octopus Biofilm Sampler". **2016**
- Project coordinator of the Excellence center for Development Cooperation "Sustainable Water Management" (EXCEED), TU-BS, Germany. **2010-2014** and after extension approval from DAAD. **2015-2021**

EDUCATION PROJECTS:

- Active member at the Continuous Improvement and Quality Accreditation Project (CIQAP), Faculty of Science- Mansoura University, funded by the national authority for quality assurance and accreditation of education. **2007-2018**
- Project Partner of the Alumni Special Project "Education for Sustainable Development", DAAD, Germany **2020**

ACTIVITIES & MEMBERSHIPS

- Attending the "Science year follow up Event". 10th and 11th November, organized by German Academic Exchange Service (DAAD). **2008**
 - Attending the "Germany Alumni Fair". 12th and 13th November, organized by German Academic Exchange Service (DAAD) in cooperation with other German institutes, at the Conference Center of Cairo University. **2008**
 - Attending the "Science Super course Day" at the Bibliotheca Alexandrina, 05 January. **2009**
 - Organizing member in "Youth Week for Egyptian universities" held in Mansoura University from 7th February to 12th February. **2009**
 - Organizing member in "the 2nd international conference on biological and environmental sciences (ICBES 2nd) which will takes place in Mansoura University-faculty of science (Zoology & Botany Dep.) from 13 to 16 March. **2010**
 - A member of DAAD Alumni Academy (Certificate - 2nd Intake). At DAAD Cairo office from 2nd March to 11th May. **2010**
 - Advisor to the student's commission for art activity of the student union at the faculty of science. **2011**
 - Advisor to the student's commission for Science and Technology activities of the student union at the Faculty of Science, Mansoura University. **2012**
 - Consultant in the field of environmental insecticides and insect control. **2008-2011**
 - Associate Trainer, National Center for Faculty and Leadership Development. **2011**
 - Organizer of the international workshop "Water footprint & Transboundary water management in Middle East Region", Mansoura University, Egypt, 13-17 March. **2012**
 - Participation as a trainer at the Regional Training Course on "Basic Water Quality Testing", Bahir Dar University, Ethiopia, April 16 – 21. **2012**
 - Advisor to the Faculty students commission for Science and Technology, Student Union, Faculty of Sci, MU. **2012**
-

- A coordinator for a cooperation agreement between Mansoura University, Egypt. Göttingen University, TU-Braunschweig, Germany, 26-30 June. **2012**
- International Trainer at TU-Braunschweig, Germany, EXCEED Program "the Regional training Course on Basic Water Quality Testing", held in Bahir Dar University, Ethiopia, April 22nd. **2017**
- Trainer of CAP, ILO, Entrepreneurship program, Egypt. **2012-2017**
- Trainer member at the national Project of Pathways to higher education, Cairo University. <http://www.pathways.cu.edu.eg/> **2013-2017**
- A mission consultant for ILO Cairo office, project title: "Medicinal and Herbal Plants in Tunisia for women Entrepreneurship". **Sep. 2013**
- Scientific reviewer for "the UNEP Book of the Year 2013" chapter "New approaches to minimizing the risks of chemicals". **2013**
- Training coordinator at the unit of Quality Assurance, Faculty of science, Mansoura University. **2016-2-17**
- Active member of the Egyptian Supreme Council of Culture "Environment Committee". **2012 – 2017**
- Coordinator of Mansoura University International Relations Office, MUIRO. **(2012-2016)**
- Exceed/Swindon coordinator of Mansoura University, TUBS, Germany. **(2009 – 2022)**
- Trainer at the NCFDP center of Mansoura University, Egypt. **2011- 202**

PROFESSIONAL MEMBERSHIPS:

- 1- Member of the Third World Organization for Women in Science (TWAS) **(2010-2021)**
- 2- The natural health product Research Society of Canada (NHPRS) **(2012-2021)**
- 3- Egyptian Society for Environmental Sciences (ESES) **(2009-2021)**
- 4- Arab society for plant protection (ASPP) **(2009-2021)**
- 5- Member of the association members of DAAD **(2010-2021)**
- 6- Member of the DAAD Alumni Academy **(2010-2021)**
- 7- Member of the Higher Egyptian Cultural Council (Committee of Environment) **(2012-2017)**
- 8- Member of the National Council for Women (the Committee of Environment) **(2012-2017)**
- 9- Member of the Arab Forum for Sustainable Development **(2015-2021)**

CONFERENCES

- 9th International Conference on Chemistry & its Role in Development (ICCRD'9), held in Mansoura & Sharm Elsheikh, Egypt, from 16-22 April **2007**.
- 1st International Conference for Biological & Environmental Sciences (ICBES'1), held in Mansoura & Hurghada, Egypt, from 13-16 March **2008**.
- 10th International Conference on Chemistry & its Role in Development (ICCRD'10), held in Mansoura & Sharm Elsheikh, Egypt, from 16-22 April **2009**.
- 2nd half of the UN Decade conference (UNESCO for Education for Sustainable Development, ESD), Bonn, Germany, from March 31st to April 3rd, **2009**.
- 2nd International Conference for Biological & Environmental Sciences (ICBES'1), held in Mansoura & Luxor, Egypt, from 16-21 March **2010**.
- 7th NHPRS Research Conference, held in Halifax, Canada, from 23-26 May **2010**.
- E.KnowNet "Science from the Lab to the Public, Berlin, Germany, 29-30 November **2010**.
- Online Educa 2010, Berlin, Germany, 1-4 December **2010**.
- 19th International Conference of Egyptian German Zoology Journal, held in Faculty of Science, Beni-Sueif University, Egypt. 30 April – 2 May **2011**.

- 3rd International Conference on Biological and Environmental Sciences, Mansoura-Hurghada, 17-22 March, **2012**.
- 2nd EMPOWER-Tunisia conference on “Emerging Pollutants in Irrigation, Waters: Origins, Fate, Risks, & Mitigation and representing Mansoura University in the special session for “Good Governance in Universities and Research Institutions, 25-28, November, Gammarth, Tunis, **2013**.
- 4th International Conference on Biological and Environmental Sciences, Mansoura-Hurghada, 22-26 March, **2014**.
- The 2nd National Conference for Training and Development in Higher Education, NCTD “Unlock Your Talent and Own the Future, held on 18th November, at Beni-Suef University, Egypt, **2014**.
- 12th International Conference on Chemistry and its Role in Development (ICCRD’ 12), Mansoura-Sharm El-Sheikh 16-20 March 2015.
- The 5th International Symposium RE-WATER Braunschweig, Germany 2-3 November **2015**.
- Expert Workshop & Regional Meeting, Sharm El-Sheikh, Egypt, September **2015**.
- Summer/Winter School, TU Braunschweig, Braunschweig, Germany, October **2015**.
- Expert Workshop & Regional Meeting, University of Jordan & Mutah University, Aqaba, Jordan, April **2016**.
- Regional Meeting & Special Student Exchange, Bahir Dar University, Bahir Dar, Ethiopia, November **2016**.
- Water Security Conference, Exceed SWINDON / CNRD (TH Köln), Bangkok, Thailand, November **2016**.
- Exceed Conference, Berlin, Germany, October **2016**.
- Summer School, TU Braunschweig, Braunschweig, Germany, October **2016**.
- Summer School, Tubitak Marmara Research Center (MRC), Istanbul, Turkey, October **2016**.
- Water Security and Climate Change Conference, Cologne, Germany, 18-22 September **2017**.
- Organization and participation in the Exceed-SWINDON Expert Workshop, Mansoura University, Cairo, Egypt, April **2017**.
- Summer School, TU Braunschweig, Germany, July **2017**.
- Regional Meeting, Asian Institute of Technology, Bangkok, Thailand, August **2017**.
- Summer School, Autonomous National University of Mexico, Puerto Morelos, Mexico, September **2017**.
- Summer School, TU Braunschweig, Braunschweig, July **2018**.
- Expert Workshop, University of Sousse, Sousse, Tunisia, April **2018**.
- Expert Workshop, Asian Institute of Technology, Bangkok, Thailand, March **2018**.
- Expert Workshop, Universidade de São Paulo, São Paulo, Brazil, August **2018**.
- Expert Workshop, University of Zagazig, Aswan, Egypt, November **2018**.
- Teacher-Exchange program of EXCEED-SWINDON project Rabat, Morocco, December **2018**.
- Regional workshop of EXCEED-SWINDON project (Water-Energy-Food Nexus in MENA Region), Amman, Jordan, 3-7 November **2019**.
- Teacher-Exchange program of EXCEED-SWINDON project Rabat, Morocco, December **2019**.
- Organization, coordination, and participation in Two **webinars** Webinar 2020 organized by the MENA exceed-Swindon network on Water-Energy-Nexus (Oct 15 and 21, **2020**).
- **Regular Virtual Regional Meetings** with project members in Middle East North Africa (MENA). It started in June 2020 at two-week intervals until the end of the year. **2020**.
- MENA webinar on “Water-Soil-Food Pollution”, 25 May 2021 (Part I) + 01 June 2021 (Part II) **2021**.
- Water Security and climate change, Online conference, Hanoi, Vietnam 1-4 March **2021**.
- **Regular Virtual Regional Meetings** with project members in Middle East North Africa (MENA). It started in June 2021 at two-week intervals until the end of the year. **2021**.

SELECTED PUBLICATIONS

- Salem H. A., *Abo El-Zahab M. M., and Abd El-Aty, Z. Sh., " Effect of some Pure Natural Products from khella plant *Ammi majus* (Fam.: Umbelliferae) against *Culex pipiens* Mosquito Larvae". J. Egypt. Ger. Soc. Zool. Vol. (50E): Entomology 99-116, (2006).
- Salem H. A., and Abd El-Aty, Z. Sh., Insecticidal and Histopathological Effects of Piperine from Black Pepper *Piper nigrum* (Fam.: Piperaceae) against *Culex pipiens* Mosquito Larvae. J. Egypt. Ger. Soc. Zool. Vol. (56E):

- Entomology 57-78, (2008).
- Sallam A. M., and Abou-Elnaga, Z. Sh., (2008). Evaluation of the insecticidal and repellent activity of Piperine from black pepper (*Piper nigrum*) fruits, on the cotton-leaf worm, *Spodoptera littoralis* (Lepidoptera: Noctuidae). J. Egypt. Ger. Soc. Zool.
 - Sallam A. M., and Abd El-Aty, Z. Sh., (2007):" Insecticidal activity of some natural products on the confused flour beetle, *Tribolium confusum* (Coleoptera: Tenebrionidae). 9th International Conference on Chemistry & its Role in Development (ICCRD'9), held in Mansoura & Sharm Elsheikh, Egypt, from 16-19, April 2007.
 - Sallam A. M., Mamdouh A. M and Abd El-Aty, Z. Sh. (2008). Larvicidal and mosquito repellent action of lavender oil (*Lavandula angustifolia*). International Conference for Biological & Environmental Sciences (ICBES'1), held in Mansoura & Hurghada, Egypt, from 13-16 March 2008.
 - Z. Abo Elnaga, N. Kuhnert , M. Abdel-Mogib, "Insecticidal activities of *Zingiber officinalis* and *Cynbopogon nardus*", Pharmaceutical Biol. 2009, 47, 27.
 - Super-course lecture entitled "Green chemistry and its role for sustainability" linked at <http://www.pitt.edu/~super1/lecture/lec35271/index.htm>
 - Walied M. Alarif, Zeinab S. Abou-Elnaga, Seif-Eldin N. Ayyad, Sultan S. Al-lihaibi, (2010) : " Insecticidal Metabolites from the Green Alga *Caulerpa racemosa*", CLEAN – Soil, Air, Water, (38), Issue 5-6, pages 548–557.
 - Z. Abou-Elnaga, A. El-Demerdash, E.M. Keshk, A.M.Dawidar, M. Abdel-Mogib (2011):" Chemical constituents and insecticidal activities of the non-polar extract of *Curcuma longa* against *Tribolium confusum*", J. Egypt. Ger. Soc. Zool. 63E: 1-16.
 - Zeinab S. Abou-Elnaga, Walied M. Alarif, Sultan S. Al-lihaibi, (2011):" Larvicidal potentiality of the newly isolated Acetogenin from the red alga *Laurencia papillosa* (Fam. Rhodomelaceae) of the Red Sea coast. CLEAN – Soil, Air, Water 39 (8), 787–794.
 - Walied Alarif, Ahmed Abdel-lateff, Sultan AL-lihaibi, Seif-Eldin Ayyad, Farid Badria, Abdulmohsin Alsofyani, Zeinab Abou-Elnag (2013):" Marine bioactive steryl esters from the Red Sea black coral *Antipathes dichotoma*", Clean – Soil, Air, Water 2013, DOI: 10.1002/clen.201200409.
 - Zeinab Abou-Elnaga (2014). Insecticidal Bioactivity of Eco-friendly Plant Origin Chemicals Against *Culex pipiens* and *Aedes aegypti* (Diptera: Culicidae). Journal of Entomology and Zoology Studies, 2(6): 340-347.
 - Zeinab Sh Abou-Elnaga (2015). Efficacy of extracts of some Egyptian plants against economically important stored grain pest *Sitophilus oryzae* L. Journal of Entomology and Zoology Studies, 3(1): 89-91.
 - Zeinab Sh Abou-Elnaga (2015). Strong larvicidal properties of *Argemone mexicana* L. against medically important vectors *Culex pipiens* and *Aedes aegypti*. International Journal of Mosquito Research, 2(1): 09- 12.
 - Zeinab Sh. Abou-Elnaga, A.M. Sallam, M. Abdel-Mogib, M.A. Awad (2016):" Chemical composition of *Jatropha* seed oil and its potentiality for controlling *Culex pipiens* mosquito larvae", Journal of Entomology and Zoology Studies, 4(1): 181-191.
 - Z. S. AbouElnaga, (2016): Water pollution challenge and its impact on Egypt's life. Proceeding of the Regional Workshop, pp22-30. ISBN 978-3-7369-9452-2.
 - Zeinab S. Abou-Elnaga, (2017):"Sustainable solutions for water Quality Management: A focus review in natural Bio-sorbents/Adsorbents. Proceeding of the Regional Workshop, pp 153166. ISBN 978-3-7369- 9559-8.
 - Z. Abou-Elnaga (2018): Climate change and water resources in MENA: Socio-economic impacts. Proceeding of the Regional Workshop, pp 153166. ISBN 978-3-7369-9559-8_
 - El-Regal M, El-Wazeer A , Elnaga Z, and Amr A (2018): Composition and spatio-temporal distribution of zooplankton community in the Egyptian red sea coast at hurghada, Egyptian Journal of Aquatic Biology and Fisheries, vol. 22, issue 3.

- R. Ananga, G. Ajeegah, Z. AbouElnaga, P. Ngassam, (2019): Physico-chemical and Biological Water Quality in a Sub-urban Area in Cameroon: Case of the Ngoumou Rural Council, *Natural Resource Modeling* 4(6):198-204. DOI: [10.11648/j.ijnrem.20190406.16](https://doi.org/10.11648/j.ijnrem.20190406.16).
- R. Ananga, G. Ajeegah, Z. AbouElnaga, P. Ngassam, (2020):Caractéristique Physico-Chimique Etdynamique des Formes Environnementales des Coccidies Entériques Dans Les Eaux De Sources, Puits et Cours D'eau dans La Commune d'Akono(Cameroun, Afrique Centrale) *European Scientific Journal* January 2020 edition Vol.16, No.3 ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431.
- E. Hamido , A. Abdelghani ; A. Ebeid ; Z. AbouElnaga, (2020): Heavy metals bioaccumulation in the food chain of the silkworm *Bombyx mori* L. *J. Egypt. Ger. Soc. Zool.* Vol. 12 (3): 12-23.
- Zeinab Abouelnaga, Ahmed EL-Wazeer, Aalaa A. Amr, Mohamed A. Abu El-Regal (2021): Community structure and Spatio-Temporal Distribution of Chaetognatha near corals reefs on the Egyptian Red Sea Coast. *Marine Biodiversity* (under publication)

REFERENCES

- Prof. Dr. Ahmed Ebeid, Professor of entomology, *Faculty of Science Mansoura Univ. Egypt.* (+2) 01005675323)
- Prof. Dr. Mamdouh Abd-Elmogib Mohamed, Chemistry Department, *Faculty of Science, Mansoura University, Egypt.* (mamdouh_m@mans.edu.eg)
- *Prof. Dr.-Ing. Norbert Dichtl, TU Braunschweig, Germany.* (n.dichtl@tu-braunschweig.de)
- *Prof. Dr. Andreas Haarstrick, TU Braunschweig, Germany.* (a.haarstrick@tu-braunschweig.de)
- *Prof. em. Dr. mult. Dr. h.c. Müfit Bahadır, TU Braunschweig, Germany.* (m.bahadir@tu-bs.de)
- *Prof Dr. Nikolai Kuhnert, Jacob's University, Bremen, Germany,* (n.kuhnert@jacobs-university.de)
- *Prof. Dr. Anwer Jireis, Mutaa University, Jordan.* (jiries@mutah.edu.jo)
- *Prof. Dr. Abdelmalek Dahchour, BP 62020. Rabat-Institutions, Morocco.* (abdel_dahchour@yahoo.fr)
- *Prof Dr. Elvis Carissimi, Federal University of Santa Maria (UFSM) - Brazil* (elvis.carissimi@ufsm.br)

