

CURRICULUM VITAE

Name: Marwa Medhat El-Sayed Mostafa Kamal El-Naggar

Date of Birth: 17th November 1987

Place of birth: Cairo-Egypt

Mailing address: Zoology Dept., Fac. Science, Ain Shams Univ., Cairo, Egypt

Telephone: 00202-24150726

Mobile: 0128-6344603

e-mail: m.alnggar@hotmail.com

marwaelnaggar@sci.asu.edu.eg

Title: Assistant Lecturer at Faculty of Science, Ain Shams University

Major: Nanotechnology – Aquaculture - Fish Biology – Aquatic Ecology.

EDUCATION:

2020 Ph. D. in Zoology (Fish Biology).

Title of the thesis: Effects of Chitosan Nanoparticles on the Growth Rate and Reproductive Performance of the Nile Tilapia, *Oreochromis niloticus*.

2016 M.Sc. in Zoology (Fish Biology).

Title of the thesis: Studies on the biology and reproduction of the marine fish *Terapon puta*.

2008 B.Sc. Zoology Department, Faculty of Science, Ain Shams University, Cairo, Egypt. General Grade: Excellent Merit of Honor (87.4%).

2004 Graduated from the Armenian Catholic Sisters' School.

ORCID: [0000-0002-9864-2508](https://orcid.org/0000-0002-9864-2508)

- h-index: 2.
- [Researchgate.net/profile/Marwa_El-Naggar](https://www.researchgate.net/profile/Marwa_El-Naggar).

EXPERIENCE:

- Worked as Lecturer at Department of Zoology, Faculty of Science, Ain Shams University, Cairo, Egypt, 19/8/2021 – Present.

- Worked as an Assistant Lecturer at Department of Zoology, Faculty of Science, Ain Shams University, Cairo, Egypt, 8/3/2017 - 2021.
- Worked as a Demonstrator at Faculty of Oral and Dental Medicine, Department of General Sciences, Future University, Cairo, Egypt. 2009/2010.
- Worked as a Demonstrator at Department of Zoology, Faculty of Science, Ain shams University, Cairo, Egypt. 2009-2016.

SCIENTIFIC RESEARCH AND PROJECTS:

- Principle Investigator (PI) of a Project entitled: "Recycling of the solid wastes of the freshwater crayfish producing chitosan loaded with some organic compounds for cancer treatment. Funded by "Community and Environment Affairs Sector", Management of follow-up and implementation of research projects, Ain Shams University, 2018-2020.
- Participated in **ASRT JESOR Project** "Novel extraction and industry from wastes and exoskeleton of the introduced freshwater crawfish" Academy of Scientific Research and Technology with the cooperation of University of New Brunswick (Saint John), Canada, 2016 -2019.

SCIENTIFIC SOCIETIES:

1-Member in the Egyptian Society for the Development of Fisheries Resources and Human Health, Faculty of Science, Ain Shams University, (since 2015).

WORKSHOPS:

- Environmental day, organized by the Community Service and Environmental Developmental Sector, Faculty of Science Ain Shams University, 2019.
- Application of bifloc system under Egyptian conditions, Faculty of Agriculture, Cairo University, 2018.
- Prevention and Early Detection of Breast Cancer, Hurghada, Egypt, 2018.

- Polymerase Chain Reactions (PCR) at the Central Laboratory-Faculty of Science- Ain Shams University, Cairo, Egypt, 2016.

CONFERENCES:

- The 9th Annual Ain Shams University International Conference, ASU, Cairo, Egypt, April, 2021.
- The 16th Annual International Conference of the Egyptian Society for Experimental Biology, Cairo University, Conference Center, Cairo, Egypt, February, 2020.
- The Third International Scientific Conference of Faculty of Science, Ain Shams University, Science for Life '19, Hurghada, Egypt, November, 2019.
- The Sixth International Conference on Health and Safety, (Nano Safe' 18), Grenoble, France, November, 2018.
- The Second International Scientific Conference of Faculty of Science, Ain Shams University, Scientific Innovations and Sustainable Development SISD'18, Hurghada, Egypt, October, 2018.
- The First International Conference of Faculty of Science, Ain Shams University, New Frontiers in Science, ICNFS '17, Hurghada, Egypt, October, 2017.
- The 13th Annual International Conference of the Egyptian Society for Experimental Biology, Cairo University, Conference Center, Cairo, Egypt, February, 2017.
- The Egyptian Society for the development of fisheries resources and human health, at Ain Shams University, Cairo, Egypt, March 2015.

WEBINARS:

- Impact of Invasive species on the freshwater ecosystems: crayfish case study, March 2021.

INTERNATIONAL PUBLICATIONS:

- 1- **El-Naggar, M.M.**; **El-Shabaka, H. A.**; **Abd El-Rahman, F. A. A.**; **Abou-Elmagd, W.S.I.**; **Khalil, M. T. and Suloma, A. (2021)**. Effects of dietary supplementation of chitosan and chitosan nanoparticles on growth performance, liver histology and fatty acids profile of the Nile tilapia (*Oreochromis niloticus*) fed fish meal-free diets. *Aquacult. Res.* (in press).
- 2- **El-Naggar, M.M.**; **Salah, S.**; **El-Shabaka, H. A.**; **Abd El-Rahman, F. A. A.**; **Khalil, M. T. and Suloma, A. (2021)**. Efficacy of dietary chitosan and chitosan nanoparticles supplementation on health status of Nile tilapia, *Oreochromis niloticus* (L.). *Aquacult. Rep.*, 19: 100628.
- 3- **El-Naggar, M.M.**; **Haneen, D.S.A.**; **Mehany, A.B.M. and, Khalil, M.T. (2020)**. New synthetic chitosan hybrids bearing some heterocyclic moieties with potential activity as anticancer and apoptosis inducers. *Int. J. Biol. Macromol.*, **150**: 1323-1330.
- 4- **El-Naggar, M. M.**; **Abou-Elmagd, W. S. I.**; **Suloma, A. M.**; **El-Shabaka, H. A.**; **Khalil, M. T. and Abd El-Rahman, F. A. A. (2018)**. Optimization and physico-chemical characterization of chitosan and chitosan nanoparticles extracted from the crayfish *Procambarus clarkii* wastes. *J. Shellfish Res.*, **38(2)**: 385-395.

LOCAL PUBLICATIONS:

- 1- **Rizkalla, W.**; **El-Shabaka, H.A.**; **Abd El-Rahman, F.A.A. and El-Naggar, M.M. (2019)**. Spermatogenesis of the small-scaled terapon, *Terapon puta*, from Lake Timsah, Ismailia Governorate, Egypt. *Egypt. J. Exp. Biol. (Zool.)*, **15(2)**:229-236.
- 2- **Rizkalla, W.**; **El-Shabaka, H.A.**; **Abd El-Rahman, F.A.A. and El-Naggar, M. M. (2017)**. Morphological and histological studies on the ovaries of the small-scaled terapon, *Terapon puta*, from Lake Timsah, Ismailia governorate, Egypt. *Egypt. J. Exp. Biol.*, **13(1)**: 69-77.
- 5- **Rizkalla, W.**; **El-Shabaka, H.A.**; **El-Ganainy, A.A.**; **Abd El-Rahman, F.A.A. and El-Naggar, M.M. (2016)**. Reproductive biology of the small-scaled terapon, *Terapon puta* (Cuvier, 1829), from Lake Timsah, Egypt. *Egypt. J. Aquat. Biol. Fish.*, **20**: 1-14.

- 6- **Ibrahim, A.M.; Taha, H.A. and El-Naggar, M.M. (2008).** Redescription of the cestode *Polyonchobothrium clarias* and its histopathological impact on the stomach of *Clarias gariepinus*. Egypt. J. Aquat. Biol. & Fish., **12 (4)**: 165-174.

AWARDS & CERTIFICATES:

- Awarded a "**Certificate of Appreciation**" from Ain Shams University in 2021 for the International Publication.
- Awarded a "**Certificate of Appreciation**" from the Community Service and Environmental Development Affairs Sector, Ain Shams University in 2020 for the continuous giving and active participation in supporting the march of the Community Service and Environmental Development Affairs Sector in the field of applied research and publishing in international journals.
- Awarded a "**Certificate of Appreciation**" from Faculty of Science, Ain Shams University in 2019 for the distinguished effort in the field of aquatic environment and obtaining a regional award in the biological diversity.
- Awarded a "**Certificate of Appreciation**" from the Quarry Life Award 2018, for boosting biodiversity in Tourah Clay Quarry. Awarded the 3rd prize in Scientific Research Stream by National Jury in Egypt.
- Awarded a "**Certificate of Appreciation**" from Faculty of Science, Ain Shams University in 2018 for participating in organizing the Second International Scientific Conference of Faculty of Science, Ain Shams University, Scientific Innovations and Sustainable Development SISD'18.

