



# Dr. Marwa Mohamed Ali



Lecturer in fish physiology, Animal production Department- Faculty of Agriculture- Benha university.

## Personal information

**Marwa Mohamed Ali Ibrahim Saleh**



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ORCID ID: <https://orcid.org/0000-0003-2552-2588>

Sex Female | Date of birth 18/10/1982 | place of birth Cairo- Egypt |

Nationality Egyptian

## Education

Education	Institution	Date
PHD. Agriculture science - Thesis “ <b>Effect of using some organic acids salts on production performance and Immunity in African catfish</b> ”.	Animal production department ( <b>Fish production branch</b> ), Faculty of Agriculture, <b>Ain shams university</b>	2019
M.Sc. Agriculture science - Animal physiology Thesis “ <b>Hatchery systems of Tilapia fish</b> ”.	Animal production department ( <b>Fish production branch</b> ), Faculty of Agriculture, <b>Ain shams university</b>	2008
B.Sc. Agriculture science. “ <b>Fish production</b> ”	Animal Production department ( <b>Fish production branch</b> ), Faculty of Agriculture, <b>Ain shams university</b>	2003

## EMPLOYMENT HISTORY

Experience / Activity	Place	Date
Membership in Research project “ <b>Blue Gene Bank of Tilapia</b> ”	National institute of Oceanographic and Fisheries, Funded by <b>Academy of scientific research and technology.</b>	2022 until Now
Lecturer in Fish Physiology	Faculty of Agriculture- <b>Benha university.</b>	2019 till now
Membership of Scientific Association	Egyptian Society of Animal Production ( <b>ESAP</b> ).	2023 till now
Agriculture Specialist ( <b>Appointing the first graduates</b> )	Ministry of Agriculture- General Authorization of agriculture Reform- <b>projects of Animal production.</b>	2012-2019
MSc. Student (Research Assistant), <b>member of a research grant.</b>	awarded by “Academy of scientific research and technology”. <b>Aquatic closed systems project</b> , Faculty of Agriculture. <b>Ain shams university.</b>	2004-2008



## *Dr. Marwa Mohamed Ali*



### Participating in International & Regional Seminars, Training, and workshops:

**2020:** Workshop “**COVID-19`s Effects on Marine Life and Marine Activities**” International Ocean Institute (IOI) June 2020.

**2020:** Workshop “**New Perspectives for Egyptian Marine Resources**” International Ocean Institute (IOI) July 2020.

**2020:** Workshop “**Good manufacturing Practices in food industry**” Military Veterinary Hospital, August 2020.

**2021:** Workshop “**Marine Water Resources**” National institute of oceanography and fisheries & International Ocean Institute (IOI) For “**World Ocean Day 2021**” July 2021.

**2021:** Workshop “**Marine Mineral Resources**” National institute of oceanography and fisheries & International Ocean Institute (IOI) For “**World Ocean Day 2021**” July 2021.

**2021:** USSEC training “**Biosecurity and Aquatic Animal Health Management**” Training Program. Soy Excellence Center In cooperation with World fish- Egypt- March 2021.

**2021:** USSEC training “**Breeding: The role of Genetics improvement in Aqua**” Training Program. Soy Excellence Center In cooperation with World fish- Egypt- July 2021.

**2021:** USSEC training “**Management of Aquaculture Enterprises**” Training Program. Soy Excellence Center In cooperation with World fish- Egypt- July 2021.

**2021:** CURB training “**Gene Expression analysis using Real-time PCR**” Training Program. Cairo university- Biotechnology research Lab- August 2021.

**2021:** USSEC training “**IPRS Construction, Operation& Management**” Training Program. Soy Excellence Center – September 2021.

**2021:** USSEC training “**Fish Quality Control Processing& Value Addition**” Training Program. Soy Excellence Center In cooperation with World fish- Egypt- September 2021.

**2021:** USSEC training “**Fish Production & Management; Types of Production Systems Suited to Locally Important Commercial Species**” Training Program- World Fish Center and US SOY program, Egypt- October 2021.

**2021:** USSEC training “**Feed Manufacturing, Production& Nutritional Requirements of Fish & Shrimp**” Training Program. Soy Excellence Center In cooperation with World fish- Egypt- November 2021.

**2021:** USSEC training “**Sustainability, and Best Management Practices for Aquaculture**” Training Program. Soy Excellence Center In cooperation with World fish- Egypt- November 2021.

**2021:** USSEC training “**Health Management and Disease Prevention Practices**” Training Program. Soy Excellence Center In cooperation with World fish- Egypt- December 2021.

**2021:** USSEC training “**Aquaculture production systems; Types and Application Training program**” Training Program. Soy Excellence Center In cooperation with World fish- Egypt- December 2021.



## *Dr. Marwa Mohamed Ali*



**2022: USSEC training “Feed and Feeding Management on Farms” Training Program. Soy Excellence Center** In cooperation with **World fish- Egypt- January 2022.**

**2022: Workshop "Systematic Reviews and Meta-analyses" Nature Research Academies** workshop, **Dr. Jeffrey Robens** Editorial Development Manager Nature Research, January 2022.

**2022: USSEC training “Marine Fish Farming” Training Program. Soy Excellence Center** In cooperation with **World fish- Egypt- February 2022.**

**2022: USSEC Training “Hatchery Management and Disease - Free Seed Production” Training Program- Soy Excellence Center,** February 2022.

**2022: USSEC training “Fry Handling and Nursery Management” Training Program. Soy Excellence Center** In cooperation with **World fish- Egypt- March 2022.**

**2022: USSEC training “Management of Integrated Aquaculture- Agriculture Farming System” Training Program. Soy Excellence Center** In cooperation with **World fish- Egypt- March 2022.**

**2022: • Passed and attended a training course on “Modern Methods in Evaluation” at the Center for Measurement and Evaluation - Benha University.**

**2022: International celebration: “World Oceans Day”** Intergovernmental Oceanographic Commission, Community & Environmental Development Committee, **National institute of oceanography and fisheries- June 2022.**

**2022: USSEC training “Fish Trade and Export Opportunities” Training Program. Soy Excellence Center** In cooperation with **World fish- Egypt- November 2022.**

**2022: International workshop “Healthy Culture of Tilapia for African Countries” sponsored by the International Cooperation Department of the Ministry of Agriculture and Rural Affairs of the People’s Republic of China** Freshwater Fisheries Research Center of Chinese Academy of Fishery Sciences. From December 12, 2022, to December 21, 2022, in **Wuxi, the People’s Republic of China.**

**2023: LetPub Learning Nexus “Productive and Successful Communication with Journal Editors”** Educational Webinar- **LetPub by Accdon LLC- the Committee on Publication Ethics (COPE)- November 2023.**

**2023: International training webinar “How to validate your CASA.”** Microptic S.L, **Dr. Nuria Medarde (Barcelona) - Spain.** May 2023.

**2023: workshop on “Using the Thingi platform”** which was held via the MS platform. Teams - **E-Learning Center - Benha University.**

**2024: SEC’ s Aqualture training “Fish Health Management and Biosecurity” Training Program Soy Excellence Center** – February 2024.



## Dr. Marwa Mohamed Ali



2024: Training course on “**Strategic Planning**” at the Faculty and Leadership Capacity Development Center - Benha University.

2024: Training course on “**Marketing Scientific Research**” at the Faculty and Leadership Capacity Development Center - Benha University.

2024: Training course on “**Integrity and Transparency**” at the Faculty and Leadership Capacity Development Center - Benha University.

2024: Training course on “**Credit Hour Systems**” at the Faculty and Leadership Capacity Development Center - Benha University.

2024: Training course on “**Question Banks and Electronic Tests**” at the Faculty and Leadership Capacity Development Center - Benha University.

### Participating in International & Regional Conferences:

2022: International scientific conference: “**Conference of applied science and climate change challenges (BFSCCAS)**”. The 3<sup>rd</sup> International scientific conference, faculty of science, Benha university.

2023: International conference: “**Future of livestock and food security**”. The 6<sup>th</sup>, 20<sup>th</sup> international conference of animal and fish production department, faculty of agriculture, Alexandria University.

### Skills

Specification	Skills
Aquaculture – Fish nutrition	Fish handling, fish feeding, diet formation & formulation.
Nutritional analysis	Proximate analysis-growth Parameters.
Aquaculture – Fish physiology	Blood sampling, hematology, DNA and RNA Extraction
Aquaculture – Fish spermatological analysis	Physical, quantity & quality sperm parameters (Motility, vitality, morphology & DNA Fragmentation)
Statistical Analysis software	SAS, SPSS, R. program
Computer skills	(Office programs- ACSSES, Data base, internet, IT)
Presentation skills	Presentations from 2004 till now, Graphical abstract and research poster.



## List of Publication

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- 1) Mohamed R. Soaudy, Eman Y. Mohammady, [Marwa M. Ali](#), Mohamed A. El Ashry, Mohamed S. Hassaan.2021. Potential effects of dietary ZnO supported on kaolinite (ZnO-K) to improve biological parameters, reproduction indices, lipid profile and antioxidant enzymes activities for broodstock of Nile tilapia (*Oreochromis niloticus*). *Animal Feed Science and Technology*, November 2021, 115117. <https://doi.org/10.1016/j.anifeedsci.2021.115117>.
- 2) Soaudy M. R., Mohammady E. Y., El Ashry M. A., [Marwa M. Ali](#)., Ahmed N. M., Hegab H. EL Garhy., Hassaan, M. S. 2021. Possibility mitigation of cold stress in Nile tilapia under biofloc system by dietary propylene glycol: Performance feeding status, immune, physiological responses and transcriptional responses of delta-9-desaturase gene. *Aquaculture*, 538, 736519. <https://doi.org/10.1016/j.aquaculture.2021.736519>
- 3) Abdel-Moez, A. M., [Ali, M. M.](#), M. M., El-gandy, G., Mohammady, E. Y., Jarmolowicz, S., El-Haroun, E., Hassaan, M. S. 2024. Effect of including dried microalgae *Cyclotella menegheniana* on the reproductive performance, lipid metabolism profile and immune response of Nile tilapia broodstock and offspring. *Aquaculture Reports*, 36, 102099.<https://doi.org/10.1016/j.aqrep.2024.102099>.
- 4) [Marwa M. ALLI](#), El Ashry, M. A., Mohammady, E. Y., Soaudy, M. R., El-Garhy, H. S., El-Erian, M. A., Mustafa, A., Abouelsoud, M., Ragaza, J. A., El-Haroun, E. R. & Hassaan, M. S. 2023. Dietary Alpha-Monolaurin for Nile Tilapia (*Oreochromis niloticus*): Stimulatory Effects on Growth, Immunohematological Indices, and Immune-Related Gene Expressions. *Aquaculture Research*, 2023, 3155447. <https://doi.org/10.1155/2023/3155447>.
- 5) El Ashry, M. A., Mohammady, E. Y., Soaudy, M. R., [Ali, M. M.](#), El-Garhy, H. S., Ragaza, J. A., Hassaan, M. S. 2024. Growth, health, and immune status of Nile tilapia *Oreochromis niloticus* cultured at different stocking rates and fed algal  $\beta$ -carotene. *Aquaculture Reports*, 35, 101987. <https://doi.org/10.1016/j.aqrep.2024.101987>.
- 6) Eman Y. Mohammady, Mohamed R. Soaudy, [Marwa M. Ali](#), Mohamed A. El Ashry, Abd El Karim Mohamed, Sylwia Jarmolowicz and M. S Hassaan.2023. Response of Nile tilapia under biofloc system to floating or sinking feed and feeding rates: Water quality, plankton community, growth, intestinal enzymes, serum biochemical and antioxidant status. *Aquaculture Reports*, volume29 (2), April 2023, 101489. <https://doi.org/10.1016/j.aqrep.2023.101489>.



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- 7) Ahmed M. Abdel-Moez, [Marwa M. Ali](#), Samir A. Ali, Mohamed S. Hassaan, Magdy A. Soltan, Gaffar M. El-Gendi. 2022. Effects of Algal Diets Supplementation on Reproductive Performance Parameters of Nile Tilapia Broodstock. *Annals of Agric. Sci., Moshtohor* ISSN 1110-0419 Vol. 60(3) (2022), 779 – 786. <https://assjm.journals.ekb.eg>
- 8) [MARWA M. Ali](#), A. A. EL GAMAL, M. A. AMER and M. F. OSMAN. 2007. Effect of different brood stock density and size on fry production of Nile Tilapia, *Oreochromis niloticus*. *Journal of Agriculture science (AUJAS), Ain shams university., Cairo, Egypt special Issue,64(2)* <https://ajs.journals.ekb.eg/>
- 9) AMER, M. A., A. A. EL GAMAL, M. F. OSMAN and [MARWA M. Ali](#). 2009. Some factors affecting fry production of the NILE TILAPIA, *Oreochromis niloticus*. *Abbassa International. Journal of Aquaculture (1):47-67. ISSN 1687-7638.*
- 10) [Marwa M. A.](#), M. A. Amer and M. F. Osman. 2018. Effect of dietary blended organic acid on growth, digestibility and immunity of African catfish (*Clarias garipenus*). *Arab University. Journal of Agriculture science (AUJAS), Ain shams university., Cairo, Egypt, special Issue,26(2).* <https://ajs.journals.ekb.eg/>

### Teaching Courses:

Undergraduate	Animal physiology
	Aquaculture
	Fish Production
	Applied training
Post-graduate	Fish Physiology
	Fish propagation
	Fish Biology

عميد الكلية

رئيس مجلس القسم

(أ.د/ محمود الزعبلوي البدوي)

(أ.د/ محمد شعبان محمد حسان)



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- 7) Ahmed M. Abdel-Moez, [Marwa M. Ali](#), Samir A. Ali, Mohamed S. Hassaan, Magdy A. Soltan, Gaffar M. El-Gendi. 2022. Effects of Algal Diets Supplementation on Reproductive Performance Parameters of Nile Tilapia Broodstock. *Annals of Agric. Sci., Moshtohor* ISSN 1110-0419 Vol. 60(3) (2022), 779 – 786. <https://assjm.journals.ekb.eg>
- 8) [MARWA M. Ali](#), A. A. EL GAMAL, M. A. AMER and M. F. OSMAN. 2007. Effect of different brood stock density and size on fry production of Nile Tilapia, *Oreochromis niloticus*. *Journal of Agriculture science (AUJAS), Ain shams university., Cairo, Egypt special Issue,64(2)* <https://ajs.journals.ekb.eg/>
- 9) AMER, M. A., A. A. EL GAMAL, M. F. OSMAN and [MARWA M. Ali](#). 2009. Some factors affecting fry production of the NILE TILAPIA, *Oreochromis niloticus*. *Abbassa International. Journal of Aquaculture (1):47-67. ISSN 1687-7638.*
- 10) [Marwa M. A.](#), M. A. Amer and M. F. Osman. 2018. Effect of dietary blended organic acid on growth, digestibility and immunity of African catfish (*Clarias garipenus*). *Arab University. Journal of Agriculture science (AUJAS), Ain shams university., Cairo, Egypt, special Issue,26(2).* <https://ajs.journals.ekb.eg/>

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