

# CURRICULUM VITAE



## **Personal information:**

**Name** : Elsayed Mohamed Ibrahim Younis

**Date of Birth** : 13/3/1965

**Nationality** : Egyptian

**Present Academic Rank:** Associate Prof. of (Ecophysiology of fish)

**Present address:** Zoology Department, College of Science King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia.

(00966-11) 4675764 (Office), 00966 508505613 (Mobile)

4675773 (Dept. Secretary) 4678514 (Fax)

**E mail:** emyounis@ksu.edu.sa & emyounis@hotmail.com

## **EDUCATION:**

**1- Ph. D. Zoology, Eco-physiology of fish (2004) College of Science, Tanta University, Egypt.**

"Metabolic Responses in a Tilapia Fish to Changes in Some Factors Affecting Fish Growth "

**2- M. Sc. Zoology, Fish Physiology (1997) College of Science, Tanta University, Egypt.**

" Effect of Temperature on Metabolism of a Nile Egyptian Fish"

**3- B. Sc. Zoology (1988). College of Science, Tanta University, Egypt.**

## **PARTICIPATION IN CONFERENCES**

1- 11<sup>th</sup> International Congress on the Biology of Fish 2014  
Edinburgh, Scotland (3-7 / 8 / 2014)

a- Quantification of Variation of metabolic enzymatic activity in white muscle and liver of blue tilapia, *Oreochromis aureus*, in response to long-term thermal acclimatization

b- Histopathological Alterations in the Liver and Intestine of the Nile tilapia, *Oreochromis niloticus* Exposed to Long-term Sublethal Concentrations of Cadmium Chloride

2- XV International Symposium on Fish Nutrition and Feeding)  
Molde, Norway (4-7/6/2012)

Hematological Parameters and Liver Enzymes Changes in Nile Tilapia *Oreochromis niloticus* Exposed to Zinc.

3- The 3<sup>rd</sup> Saudi Conference: Organized by the College of Science, King Saud University KSA from 10-13th of March 2007. (Attended)

4-The15<sup>th</sup> International Conference of the Egyptian German Society of Zoology: Organized by Faculty of Girls, Ain Shams University Cairo, EGYPT, from 26th of February – 2nd of March 2005 (Attended)

5- The 3<sup>rd</sup> International Conference on Biological Sciences:

Organised by University of Tanta, Tanta, EGYPT, 28<sup>th</sup> – 29<sup>th</sup> of April, 2004

Attia, Z. I.; Hegazi, M.A.M. and Younis, E. M. (2004): Effect of Temperature, Stocking Density, Water Exchange Rate, Dietary Protein and Daily Ration on *Oreochromis aureus* Growth Rate . Proc. I.C. B. S., 3 (1): 959 – 975.

6- The 1<sup>st</sup> International Conference on Biological Sciences:

Organised by University of Tanta, Tanta, EGYPT, May 2000

Attia, Z. I.; Hegazi, M.A.M. and Younis, E. M. (2000): Metabolic response of liver and muscle of *Oreochromis aureus* to temperature acclimation. Proc. I.C.B.S., 1(2): 67-76.

## **REVIEW BOOKS AND RESEARCH PROJECTS:**

### **A- BOOKS:**

- Scientific Council, Tayef University, KSA.  
Book title: The basics of animal physiology

### **B- RESEARCH PROJECTS:**

1- Deanship of Scientific Research, Tayef University, KSA.

Project title: Effect of dietary inclusion of probiotics on growth performance and improving the immune-competence of growing camels.

2- Deanship of Scientific Research, Tayef University, KSA.

Project title: Impact of smoking on macro and microelements and bacterial content of Blue mackerel (*Scomber australasicus*).

3- Deanship of Scientific Research, Tayef University, KSA.

Project title: Measurement of the heavy metals levels in tissues. bones and skin of fishes in taif local markets.

4- Deanship of Scientific Research, Tayef University, KSA.

Project title: Pheiological effect of adding *Beauveria bassiana* suspension to fish diet.

5- Deanship of Scientific Research, Tayef University, KSA.

Project title: Impact of contaminated water with sewage on the health status and quality of Tilapia meat.

## **OTHER ACTIVITIES:**

- Head of student affairs Committee in zoology department.
- Head of the Departmental study planes Committee.
- Academic Advisor for zoology under-graduate students.
- Member of college Time Table Committee.
- Member of the Departmental Higher committee for academic accreditation
- Member of the Departmental Committee for preparing self study report.
- Member of the Departmental Committee for evaluation of under-graduate student research projects.
- Member of the Departmental Time Table Committee.

## **PUBLICATIONS:**

Abdel-Warith A. A.; Fath El-Bab A. F.; Younis. E.M.; Al-Asgah N. A.; Allam H. Y.; Abd-Elghany M. F.; Shata Y.H.M.; Shamlol F. S. (2020) Using of chitosan

nanoparticles (CsNPs), Spirulina as a feed additive under intensive culture system for black tiger shrimp (*Penaeus monodon*). *Journal of King Saud University – Science* 32,3359-3363

Ibrahim R. E.; Ahmed S. A.A.; Amer S. A.; Al-Gabri N. A.; Ahmed A. I.; Abdel-Warith A.A.; Younis E.M. and Metwally A. E. (2020) Influence of vitamin C feed supplementation on the growth, antioxidant activity, immune status, tissue histomorphology, and disease resistance in Nile tilapia, *Oreochromis niloticus*. *Aquaculture Reports* 18, 1-8

Abdel-Warith A.A.; Younis, E. M.; Al-Asgah, N.A.; Ebaid H. and Esayed A. Elsayed (2020). Lead Nitrate Induced Histopathological Alterations in the Liver and Intestine of African Catfish *Clarias gariepinus* Exposed to Sublethal Concentrations. *Journal of Scientific & Industrial Research*, Vol. 79, pp. 552-557

Younis, E. M.; Al-Asgah, N.A.; Abdel-Warith A.A.; Gabr M. H. and Shamlol, F. S. (2020). Analysis of reproductive biology and spawning season of the pink ear emperor *Lethrinus lentjan*, from marine ecosystem. *ZOOLOGIA* 37:1-10

Abdel-Warith, A. A.; Younis, E. M.; Al-Asgah, N.A.; Moaaz O. H. A. and Esayed A. Elsayed (2020) Effects of Sub-Lethal Lead Nitrate and Copper Sulfate Concentrations on Hematological Parameters During Long-term Exposure in Nile tilapia (*Oreochromis niloticus*). *Journal of Scientific & Industrial Research*, Vol. 79pp. 437-441

Younis, E. M.; Abdel-Warith A.A.; Al-Asgah, N.A.; Gabr M. H. and Shamlol, F. S. (2020). Demographic structure and stock status of *Lethrinus lentjan* in Saudi coastal waters of the Red Sea. *Saudi Journal of Biological Sciences*, 27:2293- 2298.

Younis, E. M.; Abdel-Warith A.A.; Al-Asgah, N.A.; Ebaid H.; Abdel-Gaber R. and Esayed A. Elsayed (2020). Toxic-histological Effects of Sublethal Concentrations of Lead Nitrate on the Gills of the African Catfish, *Clarias gariepinus*. *Journal of Scientific & Industrial Research*, Vol. 79, pp. 170- 175

Abdel-Warith, A. A.; Younis, E. M.; Al-Asgah, N.A. and Mahboob S (2020). Effect of replacing fish meal by full fat soybean meal on growth performance, feed utilization and gastrointestinal enzymes in diets for African catfish *Clarias gariepinus*. *Brazilian Journal of Biology*. 1-9

Abdel-Warith, A. A.; Younis, E. M.; Al-Asgah, N.A.; Rady A. M. and Allam H. Y. (2020). Bioaccumulation of lead nitrate in tissues and its effects on hematological and biochemical parameters of *Clarias gariepinus*. *Saudi Journal of Biological Sciences*, 27:840-845.

Younis, E. M.; Abdel-Warith A.A.; Al-Asgah, N.A.; Abdullah, S. Al-Quffail.; and Esayed A. Elsayed (2019). Growth Performance and Body Composition of Nile Tilapia *Oreochromis niloticus* Fed Diets Containing Graded Levels of Seaweed *Ulva lactuca*. *Journal of Scientific & Industrial Research* Vol. 78, pp. 873-878

Younis, E. M.; Abdullah, S. Al-Quffail; Al-Asgah, N.A.; Abdel-Warith A.A.; and Yousef, S. Al-Hafedh (2018). Effect of dietary fish meal replacement by red algae, *Gracilaria arcuata*, on growth performance and body composition of Nile tilapia *Oreochromis niloticus*. *Saudi Journal of Biological Sciences*, 25(2):198-203.

Abdel-Warith, A. A.; Younis, E. M. and Al-Asgah, N.A. (2016). Potential use of green macroalgae *Ulva lactuca* as a feed supplement in diets on growth performance, feed utilization and body composition of the African catfish, *Clarias gariepinus*. *Saudi Journal of Biological Sciences*, 23(3):404-409.

Al-Asgah, N.A.; Younis, E. M.; Abdel-Warith, A. A and Faozi S. Shamlol (2016). Evaluation of red seaweed *Gracilaria arcuata* as dietary ingredient in African catfish, *Clarias gariepinus*. *Saudi Journal of Biological Sciences*, 23(2):205-210.

Younis, E. M. (2015). Variation in metabolic enzymatic activity in white muscle and liver of blue tilapia, *Oreochromis aureus*, in response to long-term thermal acclimatization. *Chinese Journal of Oceanology and Limnology*, 33(3): 696-704.

Younis, E. M.; Al-Asgah, N.A.; Abdel-Warith A.A.; and Al-Mutairi A. A. (2015). Seasonal variations in the body composition and bioaccumulation of heavy metals in Nile tilapia collected from drainage canals in Al-Ahsa, Saudi Arabia. *Saudi Journal of Biological Sciences*, 22(4): 443-447.

Younis, E. M.; Abdel-Warith A.A.; Al-Asgah, N.A. and H. Ebaid (2015). Histopathological alterations in the liver and intestine of Nile tilapia *Oreochromis niloticus* exposed to long-term sublethal concentrations of cadmium chloride *Chinese Journal of Oceanology and Limnology* 33(4): 846-852.

Al-Asgah, N.A. Abdel-Warith A.A; Younis, E. M. and Allam H.Y. (2015). Haematological and biochemical parameters and tissue accumulations of cadmium in *Oreochromis niloticus* exposed to various concentrations of cadmium chloride Saudi Journal of Biological Sciences, 22(5): 543-550.

Abdel-Warith, A. A.; Younis, E. M. and Al-Asgah, N.A. and Allam, H.Y. (2014). Maize gluten meal as a protein source in the diets for African catfish *Clarias gariepinus* (Burchell, 1822) and its effect on liver glycogen and histology. Indian J. Fish., 61(3): 74-82.

Younis, E. M.; Abdel-Warith A.A.; Al-Asgah, N.A.; H. Ebaid and M. Mubark (2013). Histological changes in liver and intestine of Nile tilapia *Oreochromis niloticus* exposed to sublethal concentrations of cadmium. Pakistan J. Zool. 45(3): 833- 841.

Abdel-Warith, A. A.; Younis, E. M. and Al-Asgah, N.A. (2013). Influence of Dietary Inclusion of Full-Fat Soybean Meal and Amino Acids Supplementation on Growth and Digestive Enzymes Activity of Nile Tilapia, *Oreochromis niloticus*. Turk. J. Fish. Aquat. Sci. 13: 69-77.

Younis, E. M.; A.A. Abdel-Warith.; and Al-Asgah, N.A. (2012) Hematological and enzymatic responses of Nile tilapia *Oreochromis niloticus* during short and long term sublethal exposure to zinc. African J. Biotech., 11(19): 4442-4446.

Abdel-Warith, A. A.; Younis, E. M.; Al-Asgah, N.A. and Wahbi, O. M. (2011). Effect of zinc toxicity on liver Histology of Nile tilapia *Oreochromis niloticus*. Sci. Res. Essays, 6 (17): 3760 – 3769.

Younis, E. M.; A.A. Abdel-Warith.; Ali, A.; Al-Asgah, N.A. and A.S. Al-Shayia. (2011) Chemical Composition and Mineral Contents of Six commercial fish Species from the Arabian Gulf coast of Saudi Arabia. J. Anim. Vet. Adv., 10(23): 3053 - 3059.

Al-Asgah, N. A.; Younis, E. M.; Abdel-warith A. A. and El-Khaldy A. A. (2011): Effect of feeding olive waste on Growth performance and muscle composition of Nile Tilapia *Oreochromis niloticus*. Int. J. Agric. Biol., Vol. 13, No. (2): 239-244.

Al-Asgah, N. A. and Younis, E. M. (2006): Growth performance and body composition of Nile Tilapia *Oreochromis niloticus* reared at different water salinities. *J. Egypt. Ger. Soc. Zool.* 51(A): 583 – 590.

Attia, Z. I.; Mahfouz, M.E. and Younis, E. M. (2005): Involvement of Stocking Density, Water Exchange Rate, Salinity levels in the Stress Mediated Perturbations of *Oreochromis aureus* Metabolism. *J. Egypt. Ger. Soc. Zool.*, 46(A): 45-60.

Attia, Z. I.; Hegazi, M.A.M. and Younis, E. M. (2004): Effect of Temperature, Stocking Density, Water Exchange Rate, Dietary Protein and Daily Ration on *Oreochromis aureus* Growth Rate. *Proc. I.C. B. S.*, 3 (1): 959 – 975.

Attia, Z. I.; Hegazi, M.A.M. and Younis, E. M. (2000): Metabolic response of liver and muscle of *Oreochromis aureus* to temperature acclimation. *Proc. I.C.B.S.*, 1(2): 67-76.

Al-Jerain, A. A. and Younis, E. M. (1998): Effect of Three Photoperiods on the Growth of Tilapia Fish *Oreochromis aureus* Reared in Glass Tanks. *Saudi. J. Bio. Sci.*, 5 (2): 93-99.

Al-Jerain, A. A. and Younis, E. M. (1997): The Influence of Temperature on the Growth of the Nile Tilapia, *Oreochromis niloticus* reared in Glass Tanks. *J. King Saud Univ.*, 9, Science (2): 139-145.

Al-Jerain, A. A. and Younis, E. M. (1996): Relationship between the rate of daily ration and growth of Tilapia (*Oreochromis aureus*) reared in fiber tanks. *Egypt J. Appl.Sci.*, 11(3): 197-204.

## **B- Books in Arabic Language**

Al-Asgah, N. A. & Younis, E. M: Fish culture- technique & management. ( Publisher : KSU, 2009 )

## **SUPERVISION AND EXAMINATION OF STUDENT'S THESIS**

- 1- Faoz S. Shamlol M.Sc. (2016). Biological Aspects and Stock Assessment of *Lethrinus lentjan*, in the Red Sea Coast of Jeddah City, Saudi Arabia
- 2- Abdullah A. Al-Mutairi M.Sc. (2015) Ecophysiological Aspects and Diversity of Freshwater fishes in Drainage of Alahsa, Saudi Arabia.
- 3- Abdullah S. Al-quffail M.Sc. (2015) Effect of Seaweeds *Ulva lactuca* and *Gracilaria arcuata* as Dietary Protein Source on Growth Performance and Nutritional Value of Nile tilapia *Oreochromis niloticus*.
- 4- Aydh M. Al-otabi M.Sc. (2015) Effect of Dietary Protein Level and Amino Acids Variety on Growth of Nile Tilapia *Oreochromis niloticus*.
- 5- Ibrahim, Q. Al- Harthy , M.Sc. (2010 ). Biological study of fresh water fish , *Cyprinion mhalensis* ( Alkahem & Behnke, 1983) from wadi Bouwa, Taif , Saudi Arabia.
- 6 – Hussin, H. A. Al- nazry, M.Sc. (2009). The diversity of fishes in the coral reef ecosystem around Jana island, Arabian gulf, Saudi Arabia.