

Curriculum Vitae

Ashraf Suloma

Postal Address:

Fish Nutrition Lab (FNL)
Department of Animal Production
Faculty of Agriculture
Cairo University
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Personal details

Family Name	Suloma
First Names	Ashraf
Date of Birth	1st January 1975
Nationality	Egyptian

Current Appointment

Associate Professor, Department of Animal Production, Faculty of Agriculture Cairo University.

Education

1- Ph.D. Department of Animal Production, Faculty of Agriculture Cairo University, Egypt (July 2007)

Thesis Title: Utilization of Polyunsaturated Fatty acids by Broodstocks and Fry of Nile tilapia (*oreochromis niloticus*).

Thesis Advisor: Prof. Osama El-Husseiny.

2- M.Sc. Las Palmas University, Spain (April 2004)

Thesis Title: Effect of Fasting, Refeeding and Feeding Delivery on Growth Performance of Gilthead sea bream (*sparus aurata*).

Thesis Advisor: Prof. Cerda, M.J.

3- M.Sc. Department of Animal Production, Faculty of Agriculture Cairo University, Egypt (April 2001)

Thesis Title: Utilization of Amino acids by Nile Tilapia Fry.

Thesis Advisor: Prof. Osama El-Husseiny.

4- B.Sc. Department of Animal Production, Faculty of Agriculture Cairo University (June 1996)

Research Interests

Aquaculture, Fish Nutrition, Aquaculture- Agriculture Integrated System.

More specifically:

- Nutrients requirements and feeding regimes for freshwater (Tilapia, Carp, African catfish, mullet, freshwater shrimp) and marine temperate and tropical fish (coral reef fishes, milkfish, rabbitfish, seabass, seabream).
- Feed additive.
- Desert aquaculture.
- Rice-fish culture - Biofloc- periphyton
- The role of aquaculture in improving food security.

Publications

•Book Chapter

A. Suloma, D. R. Chavez, E. S. Garibay, H. Furuita, and H. Y. Ogata. Arachidonic Acid is a Major Fatty Acid in Gonads of Coral Reef Fishes and Improves Larval Survival of Rabbitfish *Siganus guttatus*. In Ed, Stewart L. Ortiz; Coral Reefs: Ecosystems, Environmental Impact and Current Threats. NOVA SCINCE PUBLISHER (2016), **ISBN-10:** 1634850815, **ISBN-13:** 978-1634850810

A.Suloma, D. R. Chavez, E. S. Garibay, H. Furuita, and H. Y. Ogata. Arachidonic Acid Distribution in Seaweed, Seagrass, Invertebrates and Dugong in Coral Reef Areas. In Ed, Stewart L. Ortiz; Coral Reefs: Ecosystems, Environmental Impact and Current Threats. NOVA SCINCE PUBLISHER (2016), **ISBN-10:** 1634850815, **ISBN-13:** 978-1634850810

• Review Article

Suloma, A., & Ogata, H. Y. (2006). Future of rice-fish culture, desert aquaculture and feed development in Africa: the case of Egypt as the leading country in Africa. *Japan Agricultural Research Quarterly: JARQ*, 40(4), 351-360.

• **Article**

Magdy T. Khalil, Ragab A. R. Mohamed, Ragaa El-Deeb, **Ashraf Suloma**, Basem S. Abd-alatty and Shimaa A. henish (2016). Eco-friendly cultivation of Keeled mullet (*Liza carinata*) in biofloc system. *Egypt. J. Aquat. Biol. & Fish.*, Vol. 20, No. 2: 23 – 35.

Suloma A., M.A. Elnady, M.A. Salem and M.M. Abd El-Hamid (2015) Effect of different feeding and feed deprivation cycles on growth performance of Nile tilapia (*Oreochromis niloticus*). *Bull. Fac . Agric., Cairo Univ.*, 66: 212-222 (2015)

Suloma A., EL-Husseiny O.M., Hassane M.I., Mabroke R.S. and EL-Haroun E.R.(2014).Complementary responses between hydrolyzed feather meal, fish meal and soybean meal without amino acids supplementation in Nile tilapia *Oreochromis niloticus* diets. *Aquaculture International*. 22 (4):1377-1390.

Abo-Taleb M.A.A, El-Sherbiny M.A, Elnady M. A, Hassanien, H. A. **Suloma A** and Tahoun A.M (2014) Combined effects of periphyton substrate and alternate day feeding strategy on growth performance of Nile tilapia *Oreochromis niloticus* L. under green water tank culture. *Egy. J. aquac.*, Vol.4, No. (2) : 13-26

Suloma A, Rania S. Mabroke and Ehab. R. El-Haroun (2013) Meat and bone meal as a potential source of phosphorus in plant-protein-based diets for Nile tilapia (*Oreochromis niloticus*). *Aquaculture International*, 21:375–385

Azab M. Tahoun, **Suloma A** , Hammouda Y , Abo-State H and R. El-Haroun (2013) The Effect of Stocking Different Ratios of Nile Tilapia *Oreochromis niloticus*, Striped Mullet *Mugil cephalus*, and Thinlip Grey Mullet *Liza ramada* in Polyculture Ponds on Biomass Yield, Feed Efficiency, and Production Economics, *North American Journal of Aquaculture*, 75:4, 548-555

Rania S. Mabroke, Azab M. Tahoun, **Suloma A**, Ehab. R. El-Haroun (2013) Evaluation of meat and bone meal and mono-sodium phosphate as supplemental dietary phosphorus sources for broodstock Nile tilapia (*Oreochromis niloticus*) under the conditions of hapa-in-pond system. Turkish Journal of Fisheries and aquatic sciences. 13: 11-18 (2013)

Kesba, H.H. , M.A. El-Helaly , S. Abdel Ghanny and **A. Suloma** (2013).potentials of aquaculture effluents on nematode management: 1- effect of tilapia effluents on two nematode species and cowpea growth. The Journal of Animal and Plant Sciences, Volume 23, No. (1): 281-298

El- Hussein O.M., Ashraf M. A. S. Goda , Ibrahim Hassan , **Ashraf Suloma** (2013).Modelling Digestibility Coefficients of Plant Protein Sources and Levels in Tilapia Diets. Journal of the Arabian Aquaculture Society. 8 (3):459-472

O.M. El-Husseiny ; **A. Suloma** ; Rania S. Mabroke and L.M. Mazbin(2013). Influence of dietary high arginine levels on common carp performance : 1- growth and feed utilization performance. Egyptian J. Nutrition and feeds .16:2, 503-5013.

El- Hussein O.M., Issoufou H Mahamadou **Ashraf Suloma** (2013). Determination of the Order of Amino Acid Limitation in Slaughterhouse Poultry by-Product Meal in African Catfish Diet by Amino Acid Addition Assay. Journal of the Arabian Aquaculture Society. 8 (2):373-384

El- Hussein O.M. , Ahmed K. I. Elhammady , Salah M. Tolba and **Ashraf Suloma** (2013). Lipid and Protein Utilization by Gilthead Sea Bream (*Sparus aurata* L .) under Flow-Through System with Regard to Environmental Impact. Journal of the Arabian Aquaculture Society. 8 (2):307-320

El-Kady, A.F.Y. and **Suloma, A** (2013). Towards Wastewater-Aquaculture-Agriculture Integration in Arid and Semi-Arid Regions: Utilization of Aquaculture Effluents in the Irrigation of Khaya

and Mahogany Seedlings. Journal of Horticultural Science & Ornamental Plants 5 (3): 227-237.

Hatem M.H., Abdelhay Y.B., Alayafi A.H. and **Suloma A** (2013) Application of new strategies to reduce suspended solids in zero-exchange system: I. Histological alterations in the gills of Nile tilapia. Journal of Applied Sciences Research, 9(2): 1186-1192

Suloma A, Ogata HY (2012) Lipid and Fatty acid composition of commercially important tropical freshwater fish gonads: guidelines for specific broodstock diet. Turkish Journal of Fisheries and aquatic sciences. 12: 743-749 (2012)

El-Helaly M.A. and **Suloma A.** (2012)Influence of Aquaculture Effluent on Broccoli Yield and Quality. Australian Journal of Basic and Applied Sciences, 6 (12): 505-510

Rania S. Mabroke, Azab M. Tahoun, Ehab R. El-Haroun and **Ashraf Suloma** (2012) Influence of Dietary Protein on Growth, Reproduction, Seed Chemical Composition and Larval Survival Rate of Nile Tilapia (*Oreochromis niloticus*) Broodstocks of Different Size Groups under Hapa- in- Pond Hatchery System. Journal of the Arabian Aquaculture Society. 7(2) 203-220

El-Kady, A.F.Y. and **Suloma, A** (2011).Reducing the Potential Environmental Impacts of Nile Tilapia (*Oreochromis niloticus* L.) Culture Effluents Through its Use in the Irrigation of Desert Willow (*Chilopsis linearis* (Cav.) Sweet) Seedlings. American-Eurasian Journal of Agricultural & Environmental Sciences. Volume 11 Number 6:867-875

Suloma A, Ogata HY (2011) Arachidonic acid is a Major Component in Gonadal Fatty acids of Tropical Coral Reef fish in the Philippines and Japan. J Aquac Res Development 2:111. doi:10.4172/2155-9546.1000111

Tahoun, A. M.; Mabroke, R. S.; El-Haroun, E. R. and **Suloma, A.** (2011). Effect of exogenous enzyme supplementation on reproductive

performance of broodstock Nile tilapia reared in a hapa-in-pond hatchery system. Egypt. J. Aquat. Biol. and Fish. 15 (3): 61-73.

El-Husseiny, O. M., Abdul-Aziz, G. M., Goda, A. M. and **Suloma, A.** (2010) Effect of altering linoleic acid and linolenic acid dietary levels and ratios on the performance and tissue fatty acid profiles of Nile tilapia *Oreochromis niloticus* fry. Aquaculture International. 18:1105–1119

Goda, A. M., El-Husseiny, O. M., Abdul-Aziz, G. M., **Suloma, A.** and Ogata, H. Y. (2007). Fatty Acid and Free Amino Acid Composition of Muscles and Gonads from Wild and Captive Tilapia *Oreochromis niloticus* (L.) (Teleostei: Perciformes): an Approach to Development Broodstock Diets. Journal of Fisheries and Aquatic Science. 2(2), 86-99.

Ogata, H. Y., Chavez D. R., Garibay, E. S., Furuita, H. and **Suloma, A.** (2006). Should hatchery-produced milkfish (*Chanos chanos*) fry be fed docosahexaenoic acid-enriched live food? : a case of the difficulty in the transfer of improved aquaculture technology in the Philippines. JARQ. **40** (1), 393 – 402.

El-Husseiny, O. M., Goda, A. M. and **Suloma, A.** (2001). Utilization of Amino acids in Nile Tilapia (*Oreochromis niloticus*) Fry diets . 1-Utilization efficiency of synthetic amino acid. Veterinary Medical Journal. 50 (1), 47-59.

El-Husseiny, O. M., Goda, A. M. and **Suloma, A.** (2001). Utilization of Amino acids in Nile Tilapia (*Oreochromis niloticus*) Fry diets. 2-Response of Nile tilapia fry to dietary essential amino acids deficiency. Veterinary Medical Journal. 50 (1), 61-75.

El-Husseiny, O. M., Goda, A. M. and **Suloma, A.** (2001). Utilization of Amino acids in Nile Tilapia (*Oreochromis niloticus*) Fry diets. 3-Utilization of non-essential amino acids as energy source. Veterinary Medical Journal. 50 (1), 77-85.

•Conference and Workshop Proceedings

Ashraf Suloma, Rania S Mabroke, Azab M. Tahoun, Abd El-Naem F.A Zidan and Mohamed H.M. El-Shafiey (2016)

EFFECT OF FEED FREQUENCY ON TILAPIA FINGERLINGS UNDER BIOFLOC SYSTEM. Asian-Pacific Aquaculture, April 26-29, 2016 Surabaya, Indonesia

Ashraf Suloma (2016) Improving sustainability of agriculture and aquaculture systems in Egypt. BioVision BibAlex, Alexandria. Egypt 12-14 April 2016.

Ashraf Suloma (2015) Sustainability of semi-intensive culture of tilapia in Egypt. Arabian Aquaculture 2015, Alexandria, Egypt, 9-10 December 2015

Ashraf suloma, Rania S Mabroke, Azab M. Tahoun, Abd El-Naem F.A Zidan, Osama M. El-Husseiny, Wael El-Menofy, Mohamed H.M. El-Shafiey and Hesham R.A. Mola (2015). Investigation of the contribution of microbial biofloc to nitrogen removal under different environmental conditions using pcr-dgge technique. World Aquaculture 2015, Jeju, Korea, 26-30 May.

Ashraf Suloma, Rania S Mabroke, Azab M. Tahoun, Abd El-Naem F.A Zidan and Mohamed H.M. El-Shafiey (2015) Effect of different dietary protein level and C/N ratio on tilapia performance in zero-water exchange biofloc culture tanks. The ICAI 2015 “5th International Conference of Aquaculture Indonesia”. The theme for ICAI 2015 is “Sustainable Aquaculture for the Future”. 29 - 31 October 2015 / Indonesia, Jakarta. organized and hosted by Indonesian Aquaculture Society.

Ashraf Suloma, Abd El-Naem F.A Zidan, Rania S Mabroke. Tahoun A.M. (2015). Biofloc system from lab to field: more pros than cons. Middle East Aquaculture Forum (MEAF) - Dubai 5-6 April. United Arab Emirates.

Abd El-Naem F.A Zidan, **Ashraf Suloma**, Rania S Mabroke and Tahoun A. M. (2015). Effect of water temperature on biofloc formation. Middle East Aquaculture Forum (MEAF) - Dubai 5-6 April. United Arab Emirates.

Ashraf Suloma, Osama M. El-Husseiny, Loay Mezpin and Rania S. Mabroke (2014) Dietary L-arginine supplementation increases body weight, dihomo-gamma -linolenic and lipid-related genes expression in common carp fed with high-lipid diet. Aquaculture Europe 2014, Donostia-San Sebastián in Spain; 14:17 October.

Ashraf Suloma , Abd_El-Naem F.A Zidan, Rania S Mabroke and Azab M. Tahoun (2014). Biofloc system from lab to field: more pros than cons. Arabian quaculture Conference & Exposition. Faculty of Agriculture (Saba Basha) Alexandria University Alexandria EGYPT 6-8 MAY 2014.

Ashraf Suloma (2014). Application of bio-floc in aquaculture. Invited speaker on Workshop Organized by General Authority for Fish Resources Development (GAFRD), conference Hall, Ain Shams University- Faculty of Science. 11 st March, 2014. Cairo. Egypt.

Ashraf Suloma , Hassane M.I., (2014). Sustainable Aquaculture Development Strategy for Niger Towards 2030. Arabian quaculture Conference & Exposition. Faculty of Agriculture (Saba Basha) Alexandria University Alexandria EGYPT 6-8 MAY 2014.

Ashraf Suloma , Rania S. Mabroke , Fahad, S. Ibrahim and Ehab El-Haroun (2013). Development of A Mathematical Model to Predict Energy and Protein Digestion of Rendered Animal Protein in aquafeeds. Arabian Aquaculture Conference & Exposition. Faculty of Agriculture (Saba Basha) Alexandria University Alexandria EGYPT 26-27 June 2013.

El- Husseiny O.M., Issoufou H Mahamadou¹ **Ashraf Suloma** (2013). Determination of the Order of Amino Acid Limitation in Slaughterhouse Poultry by-Product Meal in African Catfish Diet by Amino Acid Addition Assay. Arabian Aquaculture Conference & Exposition. Faculty of Agriculture (Saba Basha) Alexandria University Alexandria EGYPT 26-27 June 2013.

Azab M. Tahoun , **Ashraf Suloma** , Rania S. Mabroke and Ehab El-Haroun (2013). Development of Broodstock Diets for Nile Tilapia under Hapa- In- Pond Hatchery System.2- Dietary Optimal Vitamin C

Level of Nile Tilapia Broodstocks For The Optimal Reproductive Performance And Fry Survival. Arabian Aquaculture Conference & Exposition. Faculty of Agriculture (Saba Basha) Alexandria University Alexandria EGYPT 26-27 June 2013.

El- Husseiny O.M. , Ahmed K. I. Elhammady , Salah M. Tolba and **Ashraf Suloma** (2013). Lipid and Protein Utilization by Gilthead Sea Bream (*Sparus aurata L .*) under Flow-Through System with Regard to Environmental Impact. Arabian Aquaculture Conference & Exposition. Faculty of Agriculture (Saba Basha) Alexandria University Alexandria EGYPT 26-27 June 2013.

Suloma A, M. I. Hassane, Khaldon El-Shanti, Rania S. Mabroke, Ehab. R. El-Haroun (2012) Tilapia nutrition under biofloc system: new findings promise new insights towards more sustainable production. XV International Symposium on Fish Nutrition and Feeding Molde, Norway • 4-7 June 2012

Ehab El-Haroun, Ashraf **Suloma**, Rania Said Mabroke (2012) Tryptophan supplementation of meat and bone meal in lysine-enriched diets improves growth performance and nutrient utilization of Nile tilapia, *Oreochromis niloticus*. XV International Symposium on Fish Nutrition and Feeding Molde, Norway • 4-7 June 2012

Rania S. Mabroke, Azab M. Tahoun, Ehab. R. El-Haroun, **Ashraf Suloma** (2012) Development of broodstock diets for Nile tilapia under hapa- in- pond hatchery system. XV International Symposium on Fish Nutrition and Feeding Molde, Norway • 4-7 June 2012

Ehab. R. El-Haroun, Rania S. Mabroke, Mahamadou I. Hassane, Azab M. Tahoun, and **Ashraf Suloma** (2011). Phosphorus values in meat and bone meal compare to monosodium phosphate for Nile tilapia broodstock reared in a hapa-in-pond hatchery system. 9th Asian Fisheries and Aquaculture Forum (9AFAF). 21st – 25th April 2011, Shanghai, China.

Tahoun, A. M.; Mabroke, R. S.; El-Haroun, E. R. and **Suloma, A.** (2011). Effect of exogenous enzyme supplementation on reproductive performance of broodstock Nile tilapia reared in a hapa-in-pond hatchery system. Egypt. The 4th Global Fisheries & Aquaculture

Conference. The Egyptian International Center for Agriculture (EICA), 3-5 October 2011. Cairo, Egypt.

Ehab R. El-Haroun, Ashraf **Suloma**, and Rania S. Mabroke (2011). Nutritional evaluation of rendered animal by-product as suitable alternative for fish meal and soybean meal in diets for the culture of Nile tilapia *Oreochromis niloticus* in Egypt. 9th Asian Fisheries and Aquaculture Forum (9AFAF). 21st – 25th April 2011, Shanghai, China.

Al-Azab M. Tahoun, Yaser Hammouda, Ashraf **Suloma**, Hanan Abo State and Ehab EL-Haroun (2011). The potential of mixed culture of Nile tilapia *Oreochromis niloticus*, striped mullet *Mugil cephalus* and thin-lipped mullet *Liza ramada* in increase fish production and improve the pond environment. 9th Asian Fisheries and Aquaculture Forum (9AFAF). 21st – 25th April 2011, Shanghai, China

Suloma, A., Mabroke R. S., Hassne, M. I. and El-Haroun E.R. (2010). Bioavailability of phosphorus in meat and bone meal for Nile tilapia *Oreochromis niloticus*. X international symposium on aquaculture nutritin. Monterrey, Nuevo León, México, November 8-10, 2010

Suloma, A., El-Husseiny, O. M. and Mabroke R. S. (2010) Effect of mixed feeding schedules versus regular feeding diet on Nile tilapia *Oreochromis niloticus* fry performance: Reevaluation using constant ingredient composition. The fourteenth international symposium on fish nutrition & feeding. *May 31- June 4, 2010, Qingdao, China*

Suloma, A., Mabroke R. S. and El-Husseiny, O. M. (2010) Effect of within-day feeding strategies on Nile tilapia fry performance: step towards deliver diets vary in nutrients proportion in terms of meals timing. The fourteenth international symposium on fish nutrition & feeding. *May 31- June 4, 2010, Qingdao, China*

Suloma, A., Ogata, H., Garibay, E. S. and Chavez D. R. and El-Haroun E.R. (2008). Fatty acid composition of Nile tilapia (*Oreochromis niloticus*) muscles: a comparative study with commercially

important tropical freshwater fish in Philippines. Proceedings of the eighth international symposium on tilapia in aquaculture. 12-14 Oct. Cairo, Egypt Vol. 2:921-932

Suloma, A., Ogata, H., Furuita H., Garibay, E. S. and Chavez D. R. (2007). Arachidonic acid distribution in seaweed, seagrass, invertebrates and dugong in coral reef areas in the Philippines. *JIRCAS Working Report No.56*, 117-121 (**Japan**)

Chavez, D. R., Ogata, H., Garibay, E. S., Sollesta H.T., Tibubos, K. R., Furuita, H. and **Suloma, A.** (2007). Effects of arachidonic acid supplementation on larval survival and reproductive performance in Rabbitfish, *Siganus guttatus*. *JIRCAS Working Report No.56*, 113-120. (**Japan**)

Ogata, H. Y., **Suloma, A.**, Ahmed, k., Chavez D. R., Garibay, E. S., Furuita, H. and Chong, v.c. (2005). Distribution and importance of arachidonic acid in tropical fish. in proceedings of the workshop of tropical fish, tsukuba, Japan 4 December 2005. (**Japan**)

Graduate Students

(Completed and current graduate student supervision.)

Candidate	Thesis Title	Degree
KHALDONEL-SHANTI	OPTIMAL DIETARY PROTEIN AND LIPIDS LEVELS FOR RED TILAPIA UNDER BIOFLOC SYSTEM	MS.C
MAHAMADOU ISSOUFOU HASSANE	UTILIZATION OF ANIMAL PROTEIN SOURCES IN NILE TILAPIA (<i>OREOCHROMIS NILOTICUS</i>) AND AFRICAN CATFISH (<i>CLARIAS GARIEPINUS</i>) DIETS	PH.D
MOHAMMED ADEL ABD-ELMONIEM	IMPROVE TILAPIA PRODUCTION EFFICIENCY IN EGYPT USING ALTERNATIVE FEEDING STRATEGIES.	MS.C
LOAY MOHAMED MEZPIN	ROLE OF AMINO ACIDS IN GROWTH REGULATION AND FEED UTILIZATION IN FISH	MS.C
IBRAHIM HASSAN	NUTRITION AND IMMUNE RESPONSE OF	MS.C

	EUROPEAN SEA BASS	
SALAH MAHMOUD TOLBA	NUTRIENTS UTILIZATION IN CONSIDERATION OF ENVIRONMENTAL IMPACT IN GILT-HEAD SEA BREAM (<i>SPARUS AURATA L.</i>) CULTURE UNITS	MS.C
MOHAMED HAMDY MOHAMED EL SHAFIEY	EFFECT OF DIET COMPOSITION ON NILE TILAPIA GROWTH PERFORMANCE AND MICROBIAL COMMUNITY STRUCTURE IN GUT AND REARING WATER	MS.C
ABD- ELNAEM FATHY ZID AN	IMPROVEMENT OF THE NUTRITIONAL VALUE OF NILE TILAPIA (<i>OREOCHROMIS NILOTICUS</i>) USING FINISHER DIETS.	MS.C
ALAA IBRAHIM OBAYES	EFFECT OF DIETARY FUMARIC ACID, LIPID LEVELS AND THEIR INTERACTIONS ON GROWTH PERFORMANCE AND BODY FATTY ACIDS PROFILES OF COMMON CARP, <i>CYPRINUS CARPIO L.</i>	MS.C

Participation in Workshops, Courses, Training and Meetings:

- Intensive Workshop Program On Up Dated and Innovative Biofloc Technology (BFT) For Sustainable Shrimp Farming: Disease Prevention and Control. Swiss BelHotel International, Mangga Besar. Jakarta 26-28 October 2015. Indonesian Aquaculture Society (IAS). Organized and hosted by Indonesian Aquaculture Society.
- International workshop: "*eCommunication and eTeaching Technologies*" 14th – 18th September 2015. Aachen, Germany.

- Intensive training program on Innovative Biofloc technologies for disease prevention and control in shrimp farming from 6-10 July, 2015 | AIT SERD
- Effective teaching methods workshop, 29, 30/11/2008, Faculty of Agriculture, Cairo University.
- Proposal writing workshop, 11th November, 2008, German Academic Service (DAAD), Cairo University Conference center, **Egypt**.
- The 8th International Symposium on Tilapia in Aquaculture "ISTA 8", 12-14/10/2008, **Egypt**.
- Fish Disease Training Program, 23-27 March 2008, World Fish Center, **Egypt**.
- Workshops on Quality Assurance and Accreditation of Education, 29 May 2007, 30 May 2007, 30 July 2007 and 1, 2 April 2008, Quality Assurance and Accreditation Center, Cairo University, **Egypt**.
- The International Arab African Fish Resources Conference & Exhibition (EGYFISH). Cairo International Convention Center, **Egypt** (28-30 July 2007).
- The second scientific international conference of the Egyptian aquaculture society (EgAS). Abu Sultan–Ismailia, **Egypt** (5-7 September 2006).
- The first scientific international conference of the Egyptian

- aquaculture society (EgAS). Areesh, **Egypt** (September 2004).
- The annual conference of the Egyptian association of animal production, from 1994 to **2004**.
 - The 1st – 10th scientific conferences of animal production department, Faculty of Agriculture, Cairo University, from 1996 to 2007.

REFEREE OF SCIENTIFIC JOURNALS

1. Aquaculture Research, Blackwell Science Ltd. U.K.
2. Turkish journal of aquatic and fisheries science
3. Journal of world aquaculture society
4. Journal of the Arabian Aquaculture Society

MEMBER OF SCIENTIFIC SOCIETIES

World Aquaculture Society, U.S.A.

The Egyptian Aquaculture Society, Cairo.

The Egyptian Society of Animal Production (**ESAP**)

The Egyptian Society of Nutrition And Feed (**ESNF**)

The International Center For Advanced Mediterranean Agronomic Studies (**CIHEAM**)

ACTIVITIES IN RURAL DEVELOPMENT (EXTENSION WORK)

1. Engaged in training of fish culture for self employment generations of rural youths under the Rural Development Programme of Cairo University.2009
2. Supplied seed and feed to the farmers in western desert. 2008

PROJECTS:

- 1- CIQAP** Continuous Improvement and Qualification for Accreditation Project Egypt. (Member of Faculty committee of strategy plane then Member of Faculty committee of Environmental and community affair. Faculty of Agriculture- Cairo University) and (Member of Department Quality Assurance Committee) 2010
- 2- MUCIA** The United state of America Midwest Universities Consortium for International Activities. (Member and Trainer of Faculties of Agriculture & Agriculture Technical Schools Staff) from 2010.
- 3- Fulbright** (Evaluator and Scorer of Agriculture technicians Fulbright scholarship candidates) Year 2009

GRANTS/ AWARDS

Duratio n	Grantor	Type	Topic	Position	Amoun t
1/8/201 5- 1/8/201 7	ASRT-EGYPT	Project Grant	Development of commercial scale zero- exchange inland	CO-PI	2.50000 0 LE

			saline aquaculture: intensive biofloc shrimp system as model		
11/2013 - 11/2016	Tempus IV Projects Number - 544397- TEMPUS-1- 2013-1-IT- TEMPUS- JPHES	Project Grant	“TriNex (Knowledge- Triangle Platform for the Water- Energy-Food Nexus) project”	Research er	1.000.0 00 Euro
12014- 1/2017	STDF	Project Grant	Developmen t of a biofloc technology for high intensive and organic production of tilapia, mullet and freshwater shrimp under desert conditions.	PI	170000 0 LE

9/2009-9/2011	Fats and proteins research foundation, inc. USA	Project Grant	Feather Meal and Meat and Bone Meal in Aquaculture Feeds and Production Strategies for the Culture of Nile tilapia in Egypt	PI	30000\$
2/2010-8/2011	Cairo University	Project Grant	Organic Integrated Aquaculture–Agriculture Systems: Strategy to Enhance Food Security in Africa	PI	200000 LE
1/10/2004-1/10/2005	Japan International Research Center for Agricultural Sciences	Project Grant	Studies on Sustainable Production Systems of Aquatic Animals in Brackish Mangrove Areas	Researcher	
4/2016	Kentucky soybean association	Project Grant	Nutritive Value of soybean meal and its	Researcher	150000 USD

			derivatives for Aquaculture Species & Targeted Uses for these Ingredients in AquaFeeds	
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Skills

•Computer

Word Processing: Microsoft Word
 Database: Microsoft Access
 Spreadsheet: Microsoft Excel
 Internet: Microsoft Internet Explorer
 Statistical analysis SPSS Software

• Language

Arabic Mother Tongue
 English Very Good
 Spanish Very Good
 Japanese Working Knowledge

Experience

Teaching: Fish nutrition – live food – Biofloc- periphyton- artificial diets for fish – principles of aquaculture – aquaculture production in Egypt.

Lab feedstuff analysis: chemical analysis (moisture – ASH- crude protein – crude fiber – ether extract) – amino acids by HPLF – fatty acids by GLC

Formulation specific species diets: for marine and fresh water fish (from larvae to broodstock).

Construction and managing: freshwater aquaculture farm.

Fellowship

JIRCAS: Visiting Research Fellowship at Tsukuba 2004 (Dec. 2004—Nov. 2005) Japan.

Iamz- Ciheam: International courses in aquaculture (Jul. 2002-Mar2003) Spain.

Iamz- Ciheam - Las Palmas university Visiting Research Fellowship for master international in aquaculture (Jul. 2003-Mar. 2004) Spain.

References

1- Hiroshi Ogata

Adviser. National Research Institute of Aquaculture, JAPAN
316-8 Ueno, Ise 516-1104, JAPAN

E-mail: oriko7@amigo2.ne.jp
ogata1@affrc.go.jp

TEL & FAX: 81-596-39-0845

2- Ehab El-Haroun

Professor of aquaculture nutrition
Center for NUtrition modelling, Ontario agriculture college, University of
Guelph, Guelph, Ontario, Canada, N1G2W1

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TEL: +12263437585