



Curriculum Vitae

Dr.ir. Zizy I.Elbialy

Personal information

Family name: El-Bialy
First name: Zizy
Date of birth: March 23rd 1977
Citizenship: Egyptian
Marital state: Married and have 3 children.
Work address: 33516 Al-Geish street, Kafr Elsheikh University,
Kafr Elsheikh, Egypt.
Phone: +2 01004060315
E-mail address: zeze_elsayed@fsh.kfs.edu.eg
Zizyelbialy74@gmail.com

Present profession

- 1- Lecturer of Biotechnology, Department of Fish processing and Biotechnology, Faculty of Aquatic and Fisheries Sciences, Kafr Elsheikh University, Egypt (**2016 till now**).
- 2- **Head of** The Quality Assurance Unit, Faculty of Aquatic and Fisheries Sciences, Kafr Elsheikh University
- 3- **Academic supervisor** for graduation projects, fourth year student, Faculty of Aquatic and Fisheries Sciences, KFS University.

Previous jobs

Researcher animal genetics, Biotechnology Department, Animal Health Research Institute, Egypt (**2001-2016**).

Basic education

B.Sc	Veterinary medicine, Tanta University, (Kafr Elsheikh branch), Egypt	1995-2000
M.Sc.	Animal Breeding and Genetics, Department of Animal Science and Aquaculture, Wageningen University, The Netherlands.	2003-2005
Ph.D.	Animal genetics, Faculty of Veterinary medicine, Alexandria University, Egypt.	2006-2012

Lab. experience

1. PCR and RT-PCR, RFLP, qRT-PCR, primer design and other molecular techniques.
2. Direct sequencing of PCR products with automated sequencer ABI-373, ABI-310
3. Satisfactory experience with Genscan and Genotyper softwares for microsatellite data analysis.
4. Using software (PAPA, Genepop, Geneious, Bioedit and other genetic software) for paternity allocations and data analysis.
5. Expression profiling, cloning and gene silencing.
6. Microbial genetics (bacterial and viral genetics).

Other refresher courses

Computer training courses	Tanta University	2002
Internet training course	Tanta University	2002
post graduate study in fish disease: fish disease diagnosis, biochemistry, parasitology, animal physiology	Kafr Elsheikh University	2001-2002
Internship, plant genetics	Wageningen University and Research centre, The Netherlands	2003
Training course in fish diseases	Animal Health Research Institute, Egypt	2009

Traning course in ISO applications 17025	Animal Health Research Institute, Egypt)	2009
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Internship title

Gene Functional analysis of heavy metal hyper accumulation in plants (*Thlapsi spp.*).

Expression profiling in different accessions of heavy metal Hyperaccumulators, *Thlaspi caerulescens*

Courses in the International Center for HRM and Continuing Education, Kafr Elsheikh University

International Scientific Publication	2017
How to compete a research fund	2017

Courses in the Quality Assurance Unit, Kafr Elsheikh University

Measurement of Uncertainty analysis	March 2017

Teaching experience

- 1- PCR *training courses* in Animal Health Research Institute (2014-2015) and in Faculty of Aquatic and Fisheries Sciences, KFS University (2017).
- 2- *Postgraduate (M.Sc.) teaching course* titled " Aquaculture and Marine Biotechnology"- Suez Canal University, Fish farming and Technology Institute (2015).
- 3- *Teaching undergraduate* courses in aquatic animal genetics and breeding, aquatic biology and marine biotechnology, Faculty of Aquatic and Fisheries Sciences, Kafr Elsheikh University (2016-2017).

Publications

2006

Mating systems and male reproductive success in Nile Tilapia (*Oreochromis niloticus* L) in breeding hapas: A microsatellite analysis.

(Yonas Fessehaye, **Zizy El-bialy**, Mahmoud A. Rezk, Richard Crooijmans, Henk Bovenhuis, Hans Komen. Aquaculture 256(2006) 148-158.)

2013

Detection of adulteration in canned tuna in the Egyptian markets using PCR-RFLP. (**Zizy I. Elbially**, Engy F. Elbahy, Walaa M. Elkassas. Kafrelsheikh Vet.Med.J., Egypt. Vol.11 no.2 (2013).

2015

Assessment of genotoxic effect of pesticides on farmed Nile Tilapia (*Oreochromis niloticus* L.) in Kafr Elsheikh governorate, Egypt (**Zizy I. Elbially**, Tamer Ismail, Doaa H. Abdelhady, Amel M. Elasely). Alexandria Journal of Veterinary Sciences (2015) 44: 136-146

2016

1- Characterization of *Myostatin* Gene in Nile Tilapia (*Oreochromis niloticus*), the Possible Association of *BsmI*-*exon 2* Polymorphism with Its Growth. (Nasema A. Elkatatny, **Zizy I. Elbially**, Abeer F. El-Nahas, Shawky Mahmoud). American Journal of Life Sciences, 2016; 4(3): 82-86

2- Authentication and mislabeling detection in canned meat using multiplex PCR. **Zizy I.Elbially**, Walaa M. Elkassas, Nasema A.Elkatatny (Alexandria Journal of Veterinary Sciences 2016, 49(1):24-28).

3- Quantitative expression analysis of myostatin gene in Nile tilapia (*Oreochromis niloticus*) tissues (**Zizy I.Elbially**, Abeer F. El-Nahas, Nasema A.Elkatatny, Asmaa Y.Ammar). Alex. Journal of Vet. Sciences. 2016, 51(1): 170-173.

2017

1- Bromuconazole-induced hepatotoxicity is accompanied by upregulation of PXR/CYP3A1 and downregulation of CAR/CYP2B1 gene expression. (Doaa H.Abelhady, **Zizy I.Elbially**, Emad Wadeed, Mohamed R.AbuElmagd). Toxicology Mechanisms and Methods. Accepted for publication, may 2017

2- Ameliorative effect of commercial antimycotoxin on pathological changes in broiler chickens during aflatoxicosis with special reference to qPCR (Ramadan Salem; Sabreen E. Fadl; **Zizy I. Elbially**; Sakr, O.A; and Nagwan M. El- Habashi). (submitted for publication).

- 3- "Influence of cold and hot weather on expression of type IV antifreeze gene and some immune related genes in Nile tilapia" (Asmaa Y. Ammar, Abeer F. El Nahas, Shawky Mahmoud, Mohamed E. Barakat, **Zizy El Bialy**). (submitted for publication)

M.Sc. Thesis supervision

- 1- Characterization and identification of myostatin gene in Nile Tilapia (*Oreochromis niloticus*) and association of RFLP pattern with growth traits. (animal genetics dept., Fac.Vet.Med., Kafr Elsheikh University) finished july-2016.

Gene bank accession number: KT987208.1

Conferences

- 1- The 1st Annual Conference of The Center of Excellence in Cancer Research. (Next generation cancer research and diagnosis) Tanta University, February 2014.
- 2- The Second International Conference on food hygiene and food technology. Animal Health Research Institute, September 2015.
- 3- The 1st International Workshop on the diagnosis of poultry diseases with special emphasis on molecular techniques. Faculty of Veterinary Medicine, Damanhour University. April, 26-28, 2016.
- 4- The Nanosciences and Nanotechnology Symposium Nanotechnology in Applied Research. Naqaa Foundation for Scientific Research, Giza, Egypt. August 2016.
- 5- Agricultural, veterinary and food safety Applications of proteomics. Animal Health Research Institute. Feb.2017.

Ongoing research

Myocotoxicosis in rabbits and chicken.

Interests

Aquaculture genetics, marine ecology and biodiversity

Referees: available upon request

Websites:

Research gate:

https://www.researchgate.net/profile/Zizy_Elbialy/publications

Google scholar:

https://scholar.google.com.eg/citations?hl=en&user=FFfJJfAAAAAJ&view_op=list_works