

**CURRICULUM VITAE**

Current as of August 2019

**1. NAME: FOTINI ATHANASOPOULOU****2. PERSONAL DATA****Nationality:** British and Greek

(work) University of Thessaly, School of Health Sciences,  
Faculty of Veterinary Sciences,  
Laboratory of Ichthyology, Fish Diseases and Aquaculture,  
224 Trikalon str., Karditsa, Greece 43100

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**3. ACADEMIC QUALIFICATIONS:****D.V.M.**

University of Thessaloniki, Greece, March 1981, 5 years

**Post-graduate Certificate in Veterinary Microbiology, Parasitology and Infectious Diseases.**

University of Thessaloniki, Greece, June 1983, 18 months

**M.Sc. in Aquatic Veterinary Studies .**

University of Stirling, U.K. July 1985, 1 year. Taught course.

**Ph.D in Fish Pathology / Parasitology .**

University of Stirling, U.K., January 1990, 4 years.

**Dip ECAAH (European College of Aquatic Animal Health) - EBVS 2015**

**4. POST- DOCTORAL RESEARCH:**

**OECD scholarship for advanced training. Project title: "chemotherapy of cultured fish and crustacea using molecular techniques."** In collaboration with :

**The University of Prince Edward Island, Atlantic Veterinary College (with Professors D. Speare and Dr Cawthorn) and the West Vancouver Molecular Biology Laboratory, Department of Fisheries & Oceans, Vancouver, B.C., Canada.5 months (May to September 1998).**

## **5. EMPLOYMENT HISTORY:**

### ***Present status:***

(2000-today)

**Professor** University of Thessaly, School of Health Sciences, Faculty of Veterinary Medicine. Research and teaching duties (teaching: exotics, *fish biology, fish pathology, aquatic animal health, Ichthyology & Aquaculture and zoology*. I am also involved in research on pathology and parasitology of aquatic organisms including aspects of public health and welfare. I am also **DIRECTOR** of the only MSc course of the faculty with two specializations: Msc course in "Aquatic Animal Health" and MSc in "Aquaculture" (2006-today).

**2006-2010**

**DEAN of the faculty**

**2006-today**

**DIRECTOR of MSc courses of the faculty : MSc course of the faculty with two specializations: *Msc course in "Aquatic Animal Health" and MSc in "Aquaculture" (2006-today).***

*June 1981- Sept 1984*

**Assistant to Professor / Teaching Assistant.** Dept. of Ichthyology and Fish Pathology, School of Veterinary Medicine, University of Thessaloniki, Greece. Duties included teaching of 3rd year Veterinary Medicine students in Fish Diseases and Fish Biology/Ichthyology.

*Sept 1984- Aug.1985*

M.Sc. student at the University of Stirling. One year taught course. Thesis in Fish Parasitology (3 months).

*Aug. 1985- Jan 1986*

**Research Fellow at the University of Florida, Institute of Biomedical Aquatic Studies, Gainesville, USA.** Project on aquaculture and pathology of *Caryphaena hippurus* L. (dolphin fish).

*Jan.1986 - Aug1986 Full-time*

*Sept. 1986- Jan.1990 Part-time*

Ph.D student at the Institute of Aquaculture, University of Stirling. Thesis on Fish Parasitology/Pathology.

*Jan.1986 - Jan 1987*

**Teaching Assistant** at the Institute of Aquaculture, University of Stirling. (MSc practicals, short fish farmers courses,

undergraduate courses on fish diseases).

*March 1988- August 1988* **Veterinary Fish Pathologist**, Diagnostic Dept., Institute of Aquaculture, University of Stirling. Project on EEC certification of salmon. Based in Fanad Fisheries, Ireland.

*Oct.1986 - July 1987* **Consultant in Aquaculture / Fish Diseases** for the University of Thessaloniki, Greece while sampling for my Ph.D project. 10 month contract.

*Aug. 1988 - July 1992* **Official Veterinary Surgeon** for Stirling District Council, Scotland and the Ministry of Agriculture, Fisheries & Food. Duties included meat inspection, certification of meat, poultry and fish products for export to EEC and non-EEC countries. 2 months formal OVS training by the DAFFS.

*July 1992 - May 1993* **Post - Doctoral Fellow**, University of Stirling, Institute of Aquaculture. Project: "Treatment of sea lice with Hydrogen Peroxide". Project funded by Solvay Interlox & Scottish Salmon Growers Association. Duties included GLP certification of Parasitology Laboratory of the University of Stirling & Machrihanish Marine Laboratory. (Stirling University affiliated).

*May 1995- May 1997* Self employed **consultant** on aquaculture and warmwater fish pathology in Greece and Mediterranean.

*May 1997- Sept.2001* **Researcher C, (Reader's level)** at National Agricultural Research Foundation, Institute of Veterinary Research of Athens, Ag. Paraskevi, Athens, Greece. The main activities of this post involved research (90%) on the pathology and microbiology of aquatic organisms. A small proportion of my time (10%) was spent in providing diagnostic services to the aquaculture sector.

*1999-2000* Senior Lecturer, teaching the subject of: **“hygiene and quality of fish and fish products”** at the students of Aquaculture at the Technological Institution of Epirus, Igoumenitsa (TEI). Also responsible for the training of the students in the laboratory techniques of examination of fish and fish products for quality and public health.

#### **Aquaculture experience:**

**Consultant in fish pathology for Selonda Aquaculture Group** (the biggest fish farming company in Greece with affiliated companies in Singapore, Italy & Arabic Emirates). Also cooperation in many research proposals. (1997-2001) MARINE FISH

**Fish health consultant : HELPA** aquaculture, Greece (1995-2001) FRESHWATER FISH  
Also cooperation in many research proposals

**Fish health consultant : Greek Aquaculture Ltd.,** Greece (1995-2000) MARINE FISH

**Fish health consultant : Tselentis Aquaculture Ltd.,** Greece (1995-2000) MARINE FISH

**Consultant for AMBIO AE (aquaculture cons. Agency) (2017-today)**  
Inspector for insurance and global food standards

### **Other responsibilities:**

*May 1997- Sept.2001* **Permanent member of the Fish Pathology committee** of the Association of the fish farmers of Greece.(SETH).

*October 2000-June 2001* **Consultant and Project leader at AGRICULTURAL ORGANIZATION OF CERTIFICATION & INSPECTION OF AGRICULTURAL PRODUCTS (AGROCERT)** , Ministry of Agriculture Fisheries and Food, concerning harmonization and application of Greek legislation in producing standards of Greek food products.

*August 2009* **I was also elected as President of WAVMA (World Aquatic Veterinary Medicine Association).**

*2000-today* **Member of the animal welfare and research committee of the University.**

**2006-2010** **DEAN OF THE VETERINARY SCHOOL (elected)**

*2015-..-today.* **President of ECAAH (European College of Aquatic Animal Health)-EBVS**

### **6. OTHER QUALIFICATIONS :**

- *4-8/12/2000* **Certificate in intensive training of inspectors in quality assurance (ISO 9000/94 & 10011-1/90).** IRCA (A12396) registered course organized by Eucat, Athens. 50 hours intensive training.

**Certificat de la langue Francaise**

**Sorbonne 1er**

**Diploma di lingua e cultura Italiana**

**Proficient in Greek Language**

**Proficiency in English Language (British Council & ELTS).**

- 2009 **Animal behaviour and communication** course University

of Edinburgh

- 2015 **AQUAVET- II** certificate , Rhode Island, USA.

- **Member of the editorial Board of the :**

**International Journal of Veterinary and Animal Medicine**

(<http://www.boffinaccess.com/journals/international-journal-veterinary-animal-medicine/editorial-board.php>)

**Journal of Marine Biology and Aquatic Research (JMBAR)**

- ***Evaluator of research papers in various fish journals:***

Journal of Fish Diseases

Journal of Applied Ichthyology

Journal of the Hellenic Veterinary Association

Aquaculture International

## **7. PUBLICATIONS:**

**citations:>1330, h index=23, i10index=39**

[https://scholar.google.com/citations?view\\_op=list\\_works&hl=el&user=TUSRqdMAAAAJ](https://scholar.google.com/citations?view_op=list_works&hl=el&user=TUSRqdMAAAAJ)

### **a. Greek journals (refereed journals)**

**Athanassopoulou, F.** (1983). Ligulosis in freshwater fish from two lakes in N. Greece. *Helliniki Ktiniatriki*, **4**, 509-515.

**Athanassopoulou, F., Kotou, E., Watsos, E. & Giagnisi, M.** (2000). Study of the bacteriostatic activity of an Artemia enrichment compound based on plant extracts from *Angelica sp.* *Bulletin of the Hellenic Veterinary Association* 51(4), 293-296.

**Athanassopoulou, F.** (2001). The most important parasitic diseases of cultured marine fish in Greece. *Bulletin of the Hellenic Veterinary Association* 52(1), 9-17

**Athanassopoulou, F., Speare, D., Cawthorn, R.J, MacMillan, R. Despres, B.** (2003). Development of an experimental model for *Anophryoides haemophila* (Scuticociliatida: Orchitophryidae), a parasite of american lobster *Homerus americanus*. *Bulletin of the Hellenic Veterinary Association* 54 (3), 201-208.

**Athanassopoulou, F.,** Cribb, A.E., Cawthorn, R.J., MacMillan, R and Baldas, G. (2003). In vivo efficacy of lasalocid and pyrimethamine treatments against *Anophryoides haemophila*, a ciliate pathogen of American lobster *Homarus americanus*. *Bulletin of the Hellenic Veterinary Association*, 54(4), 297-310.

**Athanassopoulou, F.,** Karagouni E. (2004). *Rickettsia-like* organisms (R.L.O.) infections of fin-fish. Review article, *Bulletin of the Hellenic Veterinary Association* 55(2), 165-173.

Vagianou St., **Athanassopoulou F.**, Ragias B., Di Cave D., Leontidis L., Golomazou E. (2004). Prevalence and pathology of ectoparasites of Mediterranean fish, reared under three different environmental and aquaculture conditions in Greece, *Bulletin of the Hellenic Veterinary Association* 55(3), 203-216.

**Athanassopoulou F.**, Roberts, R. J. (2004). Streptococcal infections of farmed fish. Review, *Bulletin of the Hellenic Veterinary Association* 55(2), 136-144.

Golomazou E., Karagouni E., **Athanassopoulou F.** (2004). The most important Myxosporean parasite species affecting cultured Mediterranean fish, Review, *Bulletin of the Hellenic Veterinary Association* 55 (4), 342-352.

Ragias B., **Athanassopoulou F.** (2005). Aquaculture systems and pathological problems of new species reared in fresh water in Greece. Review, *Bulletin of the Hellenic Veterinary Association* 56 (1), 39-46.

Tsantilas H., Galatos A. D., **Athanassopoulou F** (2005). Use of anaesthetic agents in farmed fish. Review, *Bulletin of the Hellenic Veterinary Association* 56(2), 130-137.

Kokokiris L., Ragias V., **Athanassopoulou F** (2005). Histological alterations of gonads in teleosts. *Bulletin of the Hellenic Veterinary Association* 56 (2), 138-153.

Xylouri E., Kotzamanis J., **Athanassopoulou F.**, Li Dong, Argyrokastritis A., Fagkiadaki E. (2005). Isolation, characterization and sequence determination of Noda virus from sea bass (*Dicentrarchus labrax* L.) reared in freshwater and marine facilities in Greece. *Bulletin of the Hellenic Veterinary Association* 56 (2), 105-113.

Tsantilas H., Golomazou E., **Athanassopoulou F** (2005). Alternative medicine in aquaculture. *Bulletin of the Hellenic Veterinary Association* 56 (3), 294-255

Vagianou St., Bitchava K., **Athanassopoulou F.** (2006). Sea lice (*Ceratothoa oestroides*) (Risso,1826), infestation in Mediterranean aquaculture: new information, *Bulletin of the Hellenic Veterinary Association*, 57 (3), 223-230.

Tsantilas, H., **Athanassopoulou, F.**, Galatos A.D., Bitchava K. (2006). Welfare of fish. *Bulletin of the Hellenic Veterinary Association* 57 (2), 140-148.

Vagianou St., Bitchava K., Yiagnisi, M., **Athanassopoulou F.** (2009). Estimation of seasonality and prevalence of the isopod parasite *Ceratothoa oestroides* (Risso, 1836), in Greece, *Bulletin of the Hellenic Veterinary Association* 60(1) 14-25.

Vagianou St., Bitchava K., Yiagnisi, M., **Athanassopoulou F.** (2009). The study of the biological cycle of the isopod parasite *Ceratothoa oestroides* (Risso, 1836), in gilthead sea bream (*Sparus aurata*) and sea bass (*Dicentrarchus labrax*), *Bulletin of the Hellenic Veterinary Association* 60(1) 26-38.

Gatzia, K, Tzironi, E, Bitchava, K and **Athanassopoulou F** (2009). Location, morphological identification and effect of freezing and Giemsa stain on the Myxosporida spores. *Bulletin of the Hellenic Veterinary Association* 60(1) 39-50.

Papadopoulos, P., Bitchava, K., Tzironi, E., **F. Athanassopoulou** (2009). Vaccination of fish (2009). *Bulletin of the Hellenic Veterinary Association* 59 (4) 308-319.

E. Guva, A. Ergolavou, I. Paschos, C. Perdikaris, C. Nathanailides, V-N. Damigu and **F. Athanassopoulou** (2009). Dolphin Therapy. *Bulletin of the Hellenic Veterinary Association* (In press)

**Athanassopoulou F** (2009). The history of development of Medicine through time: a repeated case (2009). *Bulletin of the Hellenic Veterinary Association (In press)*

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**β. Greek journals (non - refereed journals)**

**Athanassopoulou, F.**, Prapas, Th. & Rodger, H. (1998). Pathology of *P. puntazzo* Gmelin, 1789 in intensive farms in Greece. *Fishing News* **203**, 74-82.

**Athanassopoulou, F.**, Papadopoulou, G.& Lytra, K. (1998). Important infections from Myxosporida in intensive farmed fish in Greece. *Fishing News* **204**, 66-69.

**Athanassopoulou, F.** (1997). Sea lice and the treatment problems. *Fishing News* **187**, 74-79.

**Athanassopoulou, F.** (1997). Pathological findings in reared and wild fish *Coryphaena hippurus* L. . *Fishing News* **195**, 105-114.

**Athanassopoulou, F.**, (1998). Microsporidian infections in cultured fish. The Greek situation and new information. *Fishing News* **219**, 82-93.

**c. International Journals (non - refereed)**

**Athanassopoulou, F.**, Haralabidis, S., Bourtzi- Hatzopoulou, E. (1986). Parasites and fungi of *Scomber japonicus colias* Gmelin 1789 from from the North Aegean Sea. *Biologia Gallo-hellenica* **12**, 217-228.

**Athanassopoulou, F.** (1986). The Dolphin fish: A note on its culture. *Aquaculture News*, **2**, pp.9.

**Athanassopoulou, F.** (1998). A case report of *Pleistophora* sp. infection of cultured sea bream *S. aurata* L. (1998). *The Bulletin of the European Association of Fish Pathologists*, **18**, 19-22.

**Athanassopoulou, F.** and Ragias, V. (1998). Disease investigations on wild fish from a polluted lake in Northern Greece. *The Bulletin of the European Association of Fish Pathologists* **18(3)**, 105-108.



**d. International Journals (refereed)**

Kalfa-Papaioannou, A.-M. and **Athanassopoulou, F.** (1984). Incidence of coccidiosis in horse mackerel (*T. trachurus*, *T. mediterraneus*, *T. pictatus*) and sardines (*Clupea pilchardus*) from the North Aegean Sea. *Zbl. Vet. Med.* **B31**, 530-536.

**Athanassopoulou, F.** and Vlemmas, J. (1986). *Eimeria scardinii* Pellerdy and Molnar 1968, in the kidneys of *R. rutilus* L. and *Scardinius erythrophthalmus* L. from Northern Greece. *Journal of Fish Diseases*, **9**, 411- 416.

**Athanassopoulou-** Raptopoulou, **F.** and Lambertsen, R.H. (1987). Parasite associated pathology of dolphin fish *Coryphaena hippurus* L. from Florida waters. *Journal of Fish Diseases*, **10** (5) 379-384.

**Athanassopoulou, F.** and Sommerville, C. (1993). A comparative study of the parasites *M. rhodei* Leger, 1905 and *M. pfeifferi* 1908 in roach. *Journal of Fish Diseases*, **16**, 27-38.

**Athanassopoulou, F.** and Sommerville, C. (1993). The significance of myxosporean infections of roach *R. rutilus* L. in different habitats. *Journal of Fish Diseases*, **16**, 39-51.

**Athanassopoulou, F.** (1992). Ichthyophoniasis in sea bream, (*Sparus aurata* L.) and rainbow trout (*Onchorynchus mykiss*.) from Greece. *Journal of Fish Diseases*, **15**, 437- 441.

**Athanassopoulou, F.** (1998). Susceptibility of carp, roach and goldfish to a *Dermocystidium*-like organism. *The Journal of Fish Biology*, **53**, 1137-1139.

**Athanassopoulou, F.**, Prapas, Th., Rodger, H. (1999). Diseases of *Puntazzo puntazzo* C. in marine aquaculture systems in Greece. *The Journal of Fish Diseases*, **22**, 215-218.

Doukas, V., **Athanassopoulou, F.**, Karagouni, E. and Dotsika, E. (1998). *Aeromonas hydrophila* infection in cultured sea bass *D. labrax* L. and *P. puntazzo* C. from the Aegean Sea. *The Journal of Fish Diseases* **21**, 317-320.

**Athanassopoulou, F.**, Ragias, V., Roth, M., Liberis, N., and Hatzinikolaou, S. (2002). Toxicity and pathological effects of orally and intraperitoneally administered ivermectin in sea bass *D. labrax* L. *Diseases of Aquatic Organisms* **52**(1), 69-76.

**Athanassopoulou, F.**, Ragias, Tavla, J. Christofiloyannis, P.& N. Liberis (2001). Preliminary trials on the efficacy of ivermectin against *Lernathropus kroyeri* (Crustacea) in

cultured sea bass *D. labrax* L. *Aquaculture Research*, 32,77-79.

\*Speare, D., **Athanassopoulou, F.**, Daley, J. & Sanchez, J.G. (1999). A preliminary investigation of alternatives to Fumagillin for the treatment of *Loma salmonae* in rainbow trout. *Journal of Comparative Pathology* **121**, 241-248.

**Athanassopoulou, F.**, Bouboulis, D.& Martinsen, B. (2001). In vitro treatments of deltamethrin against the isopod parasite *Anilocra physoides*, a pathogen of seabass *D. labrax* L. *The Bulletin of the European Association of Fish Pathologists* **21** (1) 26-29.

Tyrpenou, AE, Rigos, G. & **Athanassopoulou, F.** (2002). Determination of chloramphenicol residues in gilthead seabream *Sparus aurata* L. tissues by HPLC-PDA. *Journal of liquid chromatography & related technologies* 25 (4) 655-663.

\* **Athanassopoulou, F.**, R. Cawthorn, K. Lytra. (2002). *Amoeba* –like infections in cultured marine fishes: systemic infection in pompano *Trachinotus falcatus* L. from Singapore and gill disease associated with *Paramoeba* sp. in sea bream *Sparus aurata* L. from Greece. *Journal of Veterinary Medicine*, 49, 411-412.

**Athanassopoulou, F.**, Billinis, C., Psychas, V., Karipoglou, K. (2003). Viral encephalopathy and retinopathy of *Dicentrarchus labrax* L. farmed in freshwater in Greece. *Journal of Fish Diseases* 26, 361-365.

**Athanassopoulou, F.**, Billinis, C., Th. Prapas (2004A). Important disease conditions of newly cultured species in intensive freshwater farming conditions in Greece: First incidence of Noda virus infection in *Acipenser* sp. *Diseases of Aquatic Organisms* 60, 247-252.

\***Athanassopoulou, F.**, D. Speare R. J. Cawthorn, R. MacMillan & B. Despres. (2004B). Pathology of *Anophryoides haemophila* (Scuticociliatida: Orchitophryidae), parasite of American lobster *Homarus americanus* kept under experimental conditions. *Aquaculture* 236(1-4), 103-117.

**Athanassopoulou, F.**, Bouboulis, D.& Martinsen, B. (2004C). Experimental treatments of sea bass *D. labrax* L. infected with the isopod *Ceratothoa oestroides* with diflubenzuron and deltamethrin. *Journal of Applied Ichthyology* 20, 314-317.

**Athanassopoulou, F.**, E. Karagouni, E. Dotsika , V. Ragias, J. Tavla, P. Christofilloyanis, I. Vatsos.(2004d). Efficacy and toxicity of orally administrated anti-coccidial drugs for innovative treatments of *Myxobolus* sp. infection in sharpsnout sea bream *Puntazzo puntazzo*. *Diseases of Aquatic Organisms*, 62 (3) ,217-226.

**Athanassopoulou, F.**, E. Karagouni, E. Dotsika , V. Ragias, J. Tavla, P. Christofilloyanis (2004 E). Efficacy and toxicity of orally administrated anti-coccidial drugs for innovative treatments of *Polysporoplasma sparis* Sitja-Bobadilla & Alvarez-Pellitero1885 infection in *Sparus aurata* L. *Journal of Applied Ichthyology*, 20 (5), 345-354.

\***Athanassopoulou, F.**, D. Groman, Th. Prapas, O. Sabatakou. (2004F). Pathological and epidemiological observations on Rickettsiosis in cultured sea bass (*Dicentrarchus labrax* L.) from Greece. *Journal of Applied Ichthyology*. 20(6,) 525-529.

G Rigos, I Nengas, M Alexis and **Athanassopoulou, F** . (2004g). Bioavailability of oxytetracycline in sea bass, *Dicentrarchus labrax* (L.). *Journal of Fish Diseases* 27 (2) 119 - 223

G. Rigos, Tyrpenou, I. Nengas, A. E. M. Alexis, **Athanassopoulou, F** and G. M. Trois. (2004H) Poor bioavailability of oxytetracycline in sharpsnout sea bream *Diplodus puntazzo*. *Aquaculture* 240 (1-4), 629-639.

Ragias, V. Tontis, D., **Athanassopoulou, F.** (2004i). Incidence of an intense *Caligus minimus* Otto 1821, *C. pageti* Russel, 1925, *C. mugilis* Brian, 1935 and *C. apodus* Brian, 1924 infection in lagoon cultured sea bass (*Dicentrarchus labrax* L.) in Greece. *Aquaculture* 242(1-4) 727-733.

Karagouni, E., **Athanassopoulou F.**, P. Tsagozis, E. Ralli, Th. Moustakareas, K. Lytra and E. Dotsika (2005a). The impact of a successful anti-myxosporean treatment on the phagocyte functions of juvenile and adult *Sparus aurata* L. *INTERNATIONAL JOURNAL OF IMMUNOPATHOLOGY AND PHARMACOLOGY* 18(1) 121-132.

- Karagouni, E., **F. Athanassopoulou**, A. Lytra, C. Komis, E. Dotsika (2005B). Parasitostatic/parasiticidal and immunomodulatory effect of innovative treatments against *Myxobolus* sp. infection in *Diplodus puntazzo* Couvier. *Veterinary Parasitology* 134, 215-228.
- Ragias, V., **Athanassopoulou F.**, Sinis, A.(2005) Parasites of *Mugilidae spp.* Reared under semi-intensive and intensive conditions in Greece. *Bulletin of European Association of Fish Pathologists* 25 (3) 107-115.
- Ragias, V., **Athanassopoulou, F.**, Di Cave, D., Vagianou, S., Rigos, G., Golomazou, E., Papathanasiou, G., Georgoulakis, J. (2005c). Report of *Sparicotyle chrysophrii* Van Beneden and Hesse 1863, *Atrispinum seminalis* Euzet and Maillard 1973 and *Polylabris tubicirrus* Paperna and Kohn 1964 (Monogenea) on captive sea bream (*Sparus aurata*) and sharpnose sea bream (*Diplodus puntazzo*) in coastal Greece and Italy. *European Association of Fish Pathologists Bulletin of European Association of Fish Pathologists* 25(6) , 256-261
- Ragias, V., Govaris, A., **Athanassopoulou, F.**, Sabatakou, O. (2005d). The pathological evaluation of saddled Sea Bream (*Oblada melanura*) caught by explosives, and their chemical and qualitative changes during storage on ice. *Folia Veterinaria*, 49, 3: 155-160
- Golomazou, E, **Athanassopoulou F**, Karagouni E, Tsantilas, H. & Karamanis D. (2006a) Efficacy and toxicity of orally administered anti-coccidial drug treatment on *Enteromyxum leei* infections in sharpnose sea bream, *Diplodus puntazzo* C. *ISR J AQUACULT-BAMID* 58(3) 157-169
- Golomazou E, **Athanassopoulou F**, Karagouni E, Tsagozis. P., Tsantilas.H., Vagianou, S. (2006b) Experimental transmission of *Enteromyxum leei* Diamant, Lom and Dykova, 1994 in sharpnose sea bream, *Diplodus puntazzo* C. and the effect on some innate immune parameters *AQUACULTURE* 260 (1-4): 44-53
- Golomazou E, **Athanassopoulou F**, Vagianou S, Sabatakou, O., Tsantilas, H., Rigos, G., Kokkikiris, L (2006c) Diseases of white sea bream (*Diplodus sargus* L.) reared in experimental and commercial conditions in Greece *TURK J VET ANIM SCI* 30 (4): 389-396

Vagianou S., **Athanassopoulou F**, Ragias V, D.Di Cave, L. Leontides & E. Golomazou. (2006) Prevalence and pathology of ectoparasites of mediterranean sea bream and sea bass reared under different environmental and aquaculture conditions. *ISR J AQUACULT-BAMID* 58(2) 78-88.

Tsantilas,H., A. D. Galatos, **F. Athanassopoulou**, N. N. Prassinou. (2006). Efficacy of 2-phenoxyethanol as an anaesthetic for two size classes of white sea bream, *Aquaculture*, 253 (1-4), 64-70. *Diplodus sargus*, and sharpnose sea bream, *Diplodus puntazzo* C.

Kokokiris L, Fostier A, **Athanassopoulou** Petridis D, Kentouri M. (2006) Gonadal changes and blood sex steroids levels during natural sex inversion in the protogynous Mediterranean red porgy, *Pagrus pagrus* (Teleostei : Sparidae) *GEN COMP ENDOCR* 149 (1): 42-48

Munoz, P., Cuesta A., **Athanassopoulou F.**, Golomazou E., Crespo S., Padros F., Sitja-Bobadilla A., Albinana, G., Esteban, A., Esteban MA; Alvarez\_pellitero, P., Meseguer, J.(2007) Sharpnose sea bream (*Diplodus puntazzo*) humoral immune response against the parasite *Enteromyx m leei* (Myxozoa). *Fish and shellfish immunology*, 23 (3), 636-645u.

Katharios, P., M. Garaffo, K. Sarter, **F. Athanassopoulou**, C.C. Mylonas and P. Divanach.(2007) Sustained treatment of sharpnose sea bream *Diplodus puntazzo* with reproductive steroids caused high mortalities due to heavy infection of *Ceratomyxa diplodae* (Protozoa: Myxosporidia). *Journal of fish Diseases*, 27(1), 43-47.

Bitchava, K., Xylouri, E., Fragkiadaki, E., **Athanassopoulou, F.**, Papanastassopoulou, M., and Sabatakou, O. (2007b). First incidence of clinical signs of nodavirus infection in sea bream, *Sparus auratus* L. *Isr. J. Aquacult. Bamidgeh* 59(1), 3-9.

E. Xylouri, Y. P. Kotzamanis, **F. Athanassopoulou**, Li Dong, I. S. Pappas, A. Argyrokastritis, Ei. Fragkiadaki (2007). Isolation, characterization and sequencing of nodavirus from sturgeon (*Acipenser gueldenstaedi* L.) reared in fresh water facilities in Greece. *The Israeli Journal of aquaculture – Bamidgeh* 59 (1), 37-42.

Kosti, E., Perdikaris, C., **Athanassopoulou, F.**, Chantzaropoulos, A., Vavatsikos, M., Ergolavou, A., Bitchava, K., Paschos, I. (2008) Use of Prussian carp, *Carassius gibelio*,

pituitaries in the artificial propagation of female common carp, *Cyprinus carpio*. *Acta Ichthyologica Et Piscatoria*, Volume 38 (2), 121-125

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**Athanassopoulou F.**, Pappas I. S., Bitchava K. (2009) An overview of the treatments for parasitic disease in Mediterranean aquaculture. In: The use of veterinary drugs and vaccines in Mediterranean aquaculture. C. Rogers, B. Barusco (eds). *CIHEAM Journal Options Méditerranéennes*. Series A 86, 223 p.

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KOLYGAS, M.N., GOURZIOTI, E., VATSOS, I.N. and **ATHANASSOPOULOU, F.**, 2012. Identification of *Tenacibaculum maritimum* strains from marine farmed fish in Greece. *Veterinary Record*, 170(24), pp. 623.

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St. Katsanevakis, K. Tsirintanis, D. Tsaparis, D. Doukas, M. Sini, **F. Athanassopoulou**, M.N. Kolygas, D. Tontis, Dr. Koutsoubas, V. Bakopoulos. (2019.) The cryptogenic parasite *Haplosporidium pinnae* invades the Aegean Sea and causes the collapse of *Pinna nobilis* populations. Aquatic Invasions (2019) Volume 14, in press...<https://doi.org/10.3391/ai.2019.14.2.01>

P.Pantazis, G. Kouneli, M. kolygas, J. Karamaligas, F Athanassopoulou.(2019). The effect of dietary probiotics on growth, survival and stress resistance of rainbow trout . Interational Journal of innovative Studies in Aquatic Biology & Fisheries 5 (2) 1-7

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### **Dissertations**

**Athanassopoulou, F.** (1985). *A study of the disease in roach (*R. rutilus* L.) in the lake Agios Vassilios, N. Greece with special reference to kidney conditions*. M.Sc. Thesis, University of Stirling.

**Athanassopoulou, F.** (1990). *A study of the Myxosporean infections of *R. rutilus* L. with special reference to *Myxidium rhodei* Leger, 1905 in the renal tissue*. Ph.D. Thesis, University of Stirling.

### **Books**

- **«Practical guide of diseases of farmed fish and molluscs»**. Editions of Ministry of Agriculture. (Athanassopoulou, F, Prapas Ath. And Savides, G.). (2000)
- **“Main pathological conditions in Mediterranean cultured fish”** (2009)  
(F. Athanassopoulou, K. Bithava , Koummoundouros)
- **DIPNET REPORT**  
Disease interactions and pathogen exchange between farmed and wild aquatic animal populations A European network (2007)

### **Other publications**

- **Course material:** (Workshop on: «Fish Health Management in Mediterranean Mariculture», 12-15 November 1998, National Centre for Marine Research, Athens):  
Parasitic diseases of mediterranean marine fish”.



“Antiparasitic drugs in marine Industry”.

- **MEDIS WORKSHOP** on: «**Fish Diseases Workshop in Mediterranean Mariculture**», 19<sup>th</sup> & 24<sup>th</sup> September 1999, Rhodes:

“Myxosporean & Isopoda parasites of cultured marine fish “

“Treatment of myxosporean & Isopoda parasites of marine fish”.

### **Educational Notes**

**Athanassopoulou F** (1999) “Notes on theory and laboratory practicals of Quality and hygiene control of fish and fish products”. Technological Institutions Of Epirus, School of Agricultural Technology, Faculty of Fish Husbandry and Fisheries, Igoumenitsa .

**Athanassopoulou F.** (2006). Diseases of cultured fish in Greece: A. Freshwater fish. Educational notes for the students of the 7<sup>th</sup> semester of undergraduate studies. University Publications of Thessaly.

**Athanassopoulou F.** (2006). Diseases of cultured fish in Greece: B. Marine fish. Educational notes for the students of the 7<sup>th</sup> semester of undergraduate studies. University Publications of Thessaly.

**Athanassopoulou F.** (2018). Laboratory methods in fish and aquatic animals pathology.. Educational notes for the students of the 7<sup>th</sup> semester of undergraduate studies. University Publications of Thessaly.

## **8. PROFESSIONAL DEVELOPMENT ACTIVITIES**

### **Short courses (July 1991-October 1992): University of Stirling**

- Introduction to personal computers and wordperfect, excel, Introduction to Minitab (statistics), Introduction to MS-DOS commands, Introduction to LOTUS 1 2 3,- Introduction to Cricket Graphics.

### **Short courses ( 1995) : University of Athens**

Introduction to Excell, SPSS and Harvard Graphics

## 9. PROFESSIONAL AWARDS - competitive

- **Greek Scholarship Foundation:** Post-graduate studies in Ichthyology & Fish Pathology (1984-1987). Studies in Scotland & USA.
- **Post doctoral Fellowship of the Organisation of Economic Co-operation & Development (OECD)- 1998 (4 months).** University of Prince Edward Island and Vancouver, BC, Canada.

## 10. PRESENTATIONS

### a. Professional presentations:

3rd International Congress of Zoogeography of Balcanian Countries and Adjacent Regions Patra, Greece, 1984: "Parasites and fungi of *Scomber japonicus colias* Gmelin 1789 from the North Aegean Sea". (F. Athanassopoulou- Raptopoulou, F.S. Haralabidis, E. Boutri- Hatzopoulou.)

Meeting of the European Association of Fish Pathologists, Stirling, Scotland, 1985: "Parasites of Roach (*Rutilus rutilus* L.) from N. Greece" (F. Athanassopoulou)

Scandinavian Symposium for Parasitology, Finland, 1987. Poster: "Intraspecific variations of *Myxobolid* spp" (F. Athanassopoulou)

Ecotoxicology and Enviromental Chemistry - a Global perspective, Lisbon, 1993. Poster : "Persistence of parasites and diseases of wild fish from two polluted lakes in Greece". (F. Athanassopoulou)

Fish Farmers Meeting, Chios, Greece, 1996: "*Anilocra physoides* (Isopoda) treatment. (F. Athanassopoulou)

Fish Farmers Meeting , Korinth, Greece, 1997: " Current microbiological problems in marine fish farming" . (F. Athanassopoulou)

8th Panhellenic Congress of ichthyologists, Thessaloniki, Greece, 1997: " Pathology of *Puntazzo puntazzo* C. in intensive farming conditions". (F. Athanassopoulou, A. Prapas)

Spring Meeting of the British Society for Parasitology. Exeter, G. Britain, April, 1998:  
**Poster :** " Important Myxosporean diseases of cultured marine fish in Greece"

**and**

**talk:"** Preliminary studies on the efficacy of ivermectin against the parasitic copepod *Lernathropus kroyeri* Van Beneden, 1851 of sea bass *Dicentrarchus labrax* L.( F. Athanassopoulou)

International Symposium on Aquatic Animal Health, 30thAug-3<sup>rd</sup> Sept. 1998, Baltimore, USA): **Poster:** " A non pharmacological method for controlling *Loma salmonae* infections in farm-reared Pacific salmon". (HJ Beaman, DJ Speare, GJ Arsenault, F. Athanassopoulou)

9<sup>th</sup> International Conference of the European Association of Fish Pathologists. Rhodes, 19th-24<sup>th</sup> September 1999:

- "A preliminary investigation of alternatives to Fumagillin for the treatment of *Loma Salmonae* in rainbow trout". ( D.J. Speare, F. Athanassopoulou, J. Daley, J. G. Sanshez)
- "Toxicity and pathological effects of orally and interperitoneally administered ivermectin in sea bass (*D. labrax* L)" (F. Athanassopoulou, V. Ragias, M. Roth, N. Liberis, S. Hatzinikolaou)
- "Pathology of *Anophryoides Haemophila* (Scuticociliatida: Orchitophryidae) in experimentally infected American lobsters *Homarus Americanus*". (F. Athanassopoulou, D.J. Speare, R.J. Cawthorn, R. MacMillan, B. Despres)
- "Chloramphenicol residues control in cultured sea bream". (A. Tirpenou and F. Athanassopoulou)
- **Poster :** "First incidence of *rickettsia\_like* infections in cultured seabass

(*Dicentrarchus Labrax L.*) in Greece”. (F.Athanassopoulou, O. Sabatakou, D. Groman, Th. Prapas)

8<sup>th</sup> Panhellenic Veterinary Congress, Athens, 25-28 November 1999:

- “In vitro treatments of deltamethrin against the isopoda parasite *Anilovra Physodes*, pathogen of sea bass *D. labrax L.*”. (Athanassopoulou F., Bouboulis D., Martinsen B.)
- “Experimental treatments of sea *D. labrax L.* infected with the isopod *anilocra physodes* with deltamethrin”. (Athanassopoulou F., Bouboulis D., Martinsen B)

9<sup>th</sup> Panhellenic Veterinary Congress, Athens, 25-28 November 2000:“Viral encephalopathy and retinopathy of *D. labrax L.* and sturgeon (*acipenser gueldestaed*) farmed in freshwater recirculated and open system facilities in Greece”: (F. Athanassopoulou, C. Billinis, V. Psychas & K. Karipoglou.)

9<sup>th</sup> International Symposium on nutrition and feeding in fish Miyazaki, Japan (21-25/5/2000): “Effect of diet composition on growth feed utilization and immune system of the snouthead bream (*Puntazzo puntazzo*)”. (Nengas, I., Karagouni, E., Dotsika, E., Athanassopoulou, F., Koutsodimou, M., Anastasiou, S., Fountoulaki, E., Rigos, G. and Alexis, M.N.)

Panhellenic Symposium Of Hygiene & Food Technology, 18<sup>th</sup> February 2000, Athens.,

Invited speaker.

«Strategy of dealing with pathological conditions in aquaculture in Greece in relation with the hygiene of the final product» ( F. Athanassopoulou)

Societa Italiana di Parassitologia, XXII Congresso Nazionale, Gruliasco, Italy, 11-14 June

2002.“Parasitological problems in aquaculture. II: Occurrence of monogeneans on the gills of cultured sparid fish from the Mediterranean region”. (D. Di Cave, F. Athanassopoulou, S. Vagianou, F. Cardia, P. Orecchia)

9th Hellenic Veterinary Congress, Thessaloniki, 21-24 November 2002: “Viral encephalopathy and retinopathy of *Dicentrarchus Labrax L. and Sturgeon (Acipenser Gueldestaedi)* farmed in freshwater recirculated and open system facilities in Greece.” (F. Athanassopoulou, C. Billinis, B. Psichas, K. Karipoglou)

11<sup>th</sup> Panhellenic Congress of ichthyologists, Preveza, Greece, 2003: “The prevalence of Metazoan parasites of cultured marine fish in Greece and factors affecting it under different aquaculture systems.” (St. Vagianou, L. Leontides, V. Ragias, D. Di Cave, E. Golomazou, H. Nousias, F. Athanassopoulou, I. Georgoulakis)

Seminar on The use of veterinary drugs and vaccines in Mediterranean aquaculture: “Mediterranean Agronomic Institute of Zaragoza» (Izmir, Turkey, from 21 to 23 May 2003): “Treatments for parasitic disease in aquaculture: available treatments, practices, needs, and recent developments on new prophylactic methods.” (F. Athanassopoulou).

Hygiena alimentorum XXIV, Hudina, Vajcia, Slovakia, 4-6/6/2003: “Fish processing establishments and hygiene legislation of fish products in Greece.” (Govaris, A & F. Athanassopoulou)

International Workshop on Sustainable Aquaculture: Animal Welfare, Human Health and Interactions with the Environment, Pontignano (Siena) March 30<sup>th</sup> – April 1<sup>st</sup> 2003: “Enlargement of the host range of Microcotylids (Monogenea: Polyopisthocotylea) under fish-farming conditions.” (D Di Cave, F Athanasopoulou, F Vagianou, F. Cardia , P Orecchia ).

11<sup>th</sup> International Conference of the European Association of Fish Pathologists Malta, September 2003. “Novel treatments of Myxosporida in Mediterranean Fish and immunological response.”(F. Athanassopoulou , E. Karagouni, E. Dotsika, I.Vatsos, J. Tavla, P. Christofilloyanis, K. Lytra & N. Dourala).

European Aquaculture Society Meeting: April, 2004: “Applicability of PCR screening for the monitoring of *Enteromyxum Leei* (Myxozoa) infection in Mediterranean aquaculture: an epidemiological survey in sparids facilities.” (Palenzuela O., Agnetti F., Albiñana G.,

Alvarez-Pellitero P., Athanassopoulou F., Crespo S., Diamant A., Ghittino C., Golomazou H., Le Breton A., Lipshitz A., Marques A., Padrós F., Ram S., Raymond JC.

Technological Institutions Of Epirus, School of Agricultural Technology, Faculty of Fish Husbandry and Fisheries, Igoumenitsa, 2003.

Commercial approach in sturgeon culture in Greece: pathological problems  
(Athanassopoulou F).

Hellenic Virological Congress, Athens, May, 2004.: “Isolation, Detection with RT-PCR of *Noda Virus* from Greek farmed *Acipenser gueldestaedi* of surface water”.(E. Xylouri, F. Athanassopoulou, Li Dong, J. Kotzamanis, I. Frangiadaki)

World Conference on antiinfectives. Ehrlich Conference , Nuremberg, 8-11/9/04: “Antimicrobial and antiparasitic activity induced by *Origanum minutiflorum* and *Angelica sinensis* (Umbelliferae) essential oils, respectively, in Mediterranean aquaculture”. (F. Athanassopoulou, E. Karagouni and J. Pappas)

**Poster:**“New research on treatments for parasitic disease in Mediterranean aquaculture” (F. Athanassopoulou, E. Karagouni and J. Pappas)

4<sup>th</sup> Hellenic Congress For Productive Animals, Thessaloniki, February, 2005

- “Use of anaesthetic agents in Greek aquaculture” (H. Tsantilas, A.D. Galatos, F. Athanassopoulou)
- “The incidence of parasitic and fungal infections, in cultured fish from the pagasitic gulf and the oreon channel” (V. Parisi, P. Katarachias, E. Golomazou, I. Georgoulakis, F. Athanassopoulou)

22<sup>nd</sup> meeting of the European Society of Veterinary pathology, 15-18 Sept. 2004, Poland.

- Poster: “Incidence of an intense *Caligus minimus*, *C. pagetti*, *C. mugilis* and *C. apodus* infection in lagoon cultured sea bass *D. labrax* in Greece.” (Ragias, V., Tontis, D., **F. Athanassopoulou**, Doukas D)

12<sup>th</sup> Panhellenic Congress of ichthyologists, Drama, Greece, 13-16 Octob. 2005

- « Ichthyopathological problems of cultured fish in Greece. » (F. Athanassopoulou)
- “Experimental transmission of *Enteromyxum leei* Diamant, Lom & Dykova, 1994 in sharpnout seabream, *D. puntazzo* C.” (F. Athanassopoulou, H. Golomazou)

Panda Workshop, Hydra, 22-3-2005 (invited speaker)

Limitations and shortfalls in parasite control-future needs (Athanassopoulou F.)

10<sup>th</sup> Greek Veterinary Congress, Athens, 16-19 February 2006

- Use of 2-phenoxyethanol as an anesthetic for two size classes of sharp snout sea bream (*D. puntazzo* C).(Tsantilas H., Galatos A.D., Athanassopoulou F., Prassinos N.N.)
- Use of 2-phenoxyethanol as an anesthetic for two size classes of white sea bream (*D. Sargus* L).(Tsantilas H., Galatos A.D., Athanassopoulou F., Prassinos N.N.)
- Diseases of white sea bream (*D. sargus* L.) reared in experimental and commercial conditions in Greece. (Golomazou E., Athanassopoulou F., Vagianou S., Sabatakou O., Tsantilas H., Rigos G., Kokkokiris L.)
- Experimental transmission of *Enteromyxum leei* in healthy sharp snout sea bream and in sharp snout sea bream recovered from previous infection of the same parasite. (Golomazou E., Athanassopoulou F., Karagouni E., Vagianou S., Georgoulakis I., Tsantilas H.)
- Efficacy and toxicity of orally administrated anti-coccidial drugs for innovative treatments of *Enteromyxum leei* infection in sharp snout sea bream (*Diplodus Puntazzo* C.)
- Case report of a nodavirus infection in cultured *S. aurata* L. from Greece. (Bitchava K., Athanassopoulou F., Xylouri-Fragkiadaki E., Papanastasopoulou M., Sabatakou O., Dafis V.)

5<sup>th</sup> International symposium on aquatic animal health, San Francisco, USA, 2-6 September 2006

“Epizootiology of *Enteromyxum leei* in Mediterranean Mariculture Systems”. (Diamant, Pelenzuela, Alvarez-Pellitero, Athanassopoulou, Golomazou, Sitja-Bobadilla, Crespo, Ghittino).

Aquaculture Europe 2007, Competing Claims, October 24-27, 2007, Istanbul, Turkey:

“*Vibrio* species of medical importance, other than cholera, isolated from diseased farmed marine fish in Greece”. (M. Yiagnisis, E. Golomazou, N. Solomakos, M. Alexis, K. Bitchava and F. Athanassopoulou.)

XVIth International Annual Symposium "Deltas and Wetlands" Tulcea , Romania 19-22/09/2007

“Aquaculture bacterial bank in Greece; methodology and first results”. Oral presentation. (P. Angelidis, M. Yiagnisis, I. Vatsos, Bithava, K, K. Telioussis and F. Athanassopoulou).

In press: Scientific Annals of the Danube Delta Institute.

1<sup>st</sup> Hellenic Congress For Productive Animals, Hygiene- Safety of Foods of Animal Origin and Consumer Protection, Athens, 14-16 March 2008:

“Aquaculture and Public Health” (F.Athanassopoulou)

11<sup>th</sup> Greek Veterinary Congress, Athens, 19-22 March 2009

- The history of development of medicine through time: a repeated case...(F.Athanassopoulou)
- Bacteriological study of diseased cultured and wild fish of Argolikos gulf (Greece) (Passas N., Yiagnisis M., Bitchava K., Vagianou S., Tzironi E. and Athanassopoulou F.)
- The impact of acute stress in the intestinal microflora of sea bass (*Dicentrarchus labrax*, L.) and sea bream (*Sparus aurata* L.) and the possible translocation of pathogenic bacteria. (Yiagnisis M., Alexis M. N., Bitchava K. and Athanassopoulou F.)



- Dolfín Therapy (E. Guva , A.Ergolavou, I.Paschos, C. Perdikaris, C. Nathanailides, V-N. Damigu and F. Athanassopoulou)
- An overview of the treatments for parasitic disease in Mediterranean aquaculture (Bitchava K., Pappas I. and Athanassopoulou F.)
- Isolation and identification of *Vibrio harveyi* from farmed marine fish in Greece (Bitchava K., Angelidis P. ,Vatsos I. N. and Athanassopoulou F.)
- Quantification of fish *Noda Virus*, in the tissues of sea bass (*Dicentrarchus Labrax L.*) (Bitchava K., I. Pappas, M. Papanastassopoulou, M. Yiagnisis and Athanassopoulou F.)

EAFP meeting Prague, 14<sup>th</sup> Sept. 2009:

- EFFECT OF DIETARY OREGANO ESSENTIAL OIL SUPPLEMENTATION ON COMBINED INFECTIONS BY PATHOGENIC BACTERIA - PARASITES (SEA LICE AND COPEPODS) IN EUROPEAN SEA BASS *DICENTRARCHUS LABRAX L.* (M. Yiagnisis, M.N. Alexis, K. Bitchava, A. Govaris and F. Athanassopoulou)
- SEASONALITY AND EXPERIMENTAL TRANSMISSION OF THE ISOPOD *CERATOTHOA OESTROIDES* (RISSO, 1836) IN SEA BASS (*DICENTRARCHUS LABRAX*) AND SEA BREAM (*SPARUS AURATA*) (S. Vagianou, K. Bitchava and F. Athanassopoulou)

World Aquaculture Congress , Veracruz, Mexico, 25-29<sup>th</sup> September 2009

- INOCULATION OF FISH NODA VIRUS IN THE ASYMPTOMATIC CARRIER SEA BREAM, *Sparus aurata L.* AND QUANTIFICATION OF THE VIRUS, IN THE TISSUE OF THE FISH, WITH THE METHOD OF REAL-TIME PCR. (Bitchava K., I. Pappas, M. Papanastassopoulou and Athanassopoulou F.)

The 14th EAFP International Conference “Diseases of Fish and Shellfish”, Sep 14- 19, 2009, Prague, Czech Republic.

- M.Yiagnisis, M.N. Alexis, K. Bitchava, A. Govaris and F. Athanassopoulou, 2009. Effect of dietary oregano essential oil supplementation on combined infections by pathogenic bacteria-parasites (Sea lice and Copepods) in European sea bass *Dicentrarchus labrax L.*
- K. Bitchava, E. Tsironi, S. Panopoulos, F. Athanassopoulou and M.Yiagnisis. Effect of dietary Oregano essential oil supplementation on the resistance to clinical disease from *Aeromonas sobria* in carp *Cyprinus Carpio*. The 14th EAFP International Conference “Diseases of Fish and Shellfish”, Sep 14, 2009- Sep 19, 2009, Prague, Czech Republic. Book of Abstracts, P-216 p.405.

Aquaculture Europe 2010, Seafarming tomorrow, October 5-8, Porto, Portugal.

- M. Yiagnisis, M.N. Alexis, A. Govaris, N. Ioakimidou and F. Athanassopoulou, 2010. Effect of different water renewal rates and oxygen levels on the intestinal microflora of European sea bass *Dicentrarchus labrax* L. and acute stress tolerance. Abstract CD.

14th International Conference on Harmful Algae, 1-5 November, Hersonissos-Crete.

- Mary Yiagnisis, Kalliopi Pagou, Athanasios Prapas, George Rigos, Chrysanthi Nikoloudaki and Fotini Athanassopoulou, 2010. Massive Acute Finfish Mortality Due To the Toxic Raphidophyte Microalga *Chattonella* sp Infestation in Greek Coastal Waters.

2010 International Aquatic Veterinary Conference, Athens, Greece-July 12-19

- Yiagnisis M, M. N. Alexis and F. Athanassopoulou, 2010. The role of intestinal microflora under acute stress conditions on the health of European sea bass *Dicentrarchus labrax* L. Possible translocation.

2010 International Aquatic Veterinary Conference, Athens, Greece-July 12-19.

- Yiagnisis M, M. N. Alexis, Govaris A., Bitchava K. and F. Athanassopoulou, 2010. The effect of different oxygen levels on the European sea bass health under conditions of acute stress

**WAVMA CONGRESS 2010, Athens:**

- USE OF OREGANO ESSENTIAL OIL FOR THE CONTROL OF PARASITE AND MICROBIAL DISEASES OF MEDITERRANEAN FISH **F. Athanassopoulou**, M. Yiagnisis, K. Bitchava

**Aquaculture America, February 28 to March 3, 2011 New Orleans, Louisiana USA**

- **Fotini Athanassopoulou** and Mary Yiagnisis. Non motile *Aeromonas* isolation from farmed European sea bass *Dicentrarchus labrax* under stress condition in Greece.

**12th Pan-hellenic Veterinary Congress, Athens, 5-8 April 2012**

- E. Gourzioti, M.N. Kolygas, **F. Athanassopoulou**, I.S. Pappas, G.D. Evangelopoulou (2012). Biochemical and Molecular identification of Myxobacteria from cultured sea bass and sea bream in Greece. 12th Pan-hellenic Veterinary Congress, Athens, 5-8 April, Proceedings.
- M.N. Kolygas, E. Gourzioti, **F. Athanassopoulou**, P. Katarahias (2012). The presence of *Tenacibaculum maritimum* in farmed marine fish in Greece. 12th Pan-hellenic Veterinary Congress, Athens, 5-8 April, Proceedings.

**Aquaculture America 2012, Las Vegas, Nevada, Feb 29-March 2, 2012**

- Karamaligas, J.X., **Pantazis, P.A.** & Athanassopoulou, F., **2012**. The effect of increased dietary rapeseed levels on the growth, survival, health and flesh quality of the common carp (*Cyprinus carpio*L.), Book of Abstracts

**27th Annual Symposium of the Hellenic Society of Animal Production (E.Z.E), Trikala, Greece, 3-5 October 2012**

- **Pantazis, P.A.**, Karamaligas, J.X. & Athanassopoulou, F., **2012**. The effect of the dietary rapeseed levels on the growth, survival and flesh quality of the common carp (*Cyprinus Carpio* L.)..

**15th Pan-Hellenic Conference of Ichthyologists, University of Thessaloniki, 10-13 October 2013**

- E. Gourzioti, M.N. Kolygas, M. Mante, **F. Athanassopoulou** (2013). Study of pathological problems of Mediterranean species of shi drum *Umbrina cirrosa* (Linnaeus, 1758) in an aquaculture farm placed in Channel Oreos. Publication in 15th Pan-Hellenic Conference of Ichthyologists, University of Thessaloniki, 10-13 October 2013. Book of proceedings, pp. 355-358.
- M.N. Kolygas, E. Gourzioti, **F. Athanassopoulou** (2013). First incident of mycosis in marine cultured red porgy (*Pagrus pagrus* Linnaeus, 1758) caused by *Exophiala* sp. in Greece. Publication in 15th Pan-Hellenic Conference of Ichthyologists, University of Thessaloniki, 10-13 October 2013. Book of proceedings, pp. 379-382.

**3<sup>rd</sup> Pan-hellenic Veterinary Congress of Productive Animals and food hygiene, Ioannina, 2-4 May 2014**

- E. Gourzioti, M.N. Kolygas, **F. Athanassopoulou**, I.S. Pappas (2014). Isolation and identification of *Tenacibaculum maritimum* in outbreaks of the disease in farmed marine fish, in Greece. 3<sup>rd</sup> Pan-hellenic Veterinary Congress of Productive Animals and food hygiene, Ioannina, 2-4 May 2014, Book of proceedings, pp. 72.
- E. Gourzioti, M.N. Kolygas, **F. Athanassopoulou** (2014). Development of an experimental infection model with the bacterium *Tenacibaculum maritimum* in sea bream and sea bass. 3<sup>rd</sup> Pan-hellenic Veterinary Congress of Productive Animals and food hygiene, Ioannina, 2-4 May 2014, Book of proceedings, pp. 115.
- E. Gourzioti, M.N. Kolygas, **F. Athanassopoulou** (2014). Bank reference for Myxobacteria from Greek aquaculture farms. Results. 3<sup>rd</sup> Pan-hellenic Veterinary Congress of Productive Animals and food hygiene, Ioannina, 2-4 May 2014, Book of proceedings, pp. 72-73.

- E. Gourzioti, M.N. Kolygas, **F. Athanassopoulou**, I.S. Pappas (2014). Efficacy of hydrogen peroxide and chloramine T in the treatment of myxobacteriosis disease, after experimental infections in sea bream and sea bass. 3<sup>rd</sup> Pan-hellenic Veterinary Congress of Productive Animals and food hygiene, Ioannina, 2-4 May 2014, Book of proceedings, pp. 58.
- Identification of nodavirus in wild fish, bivalves of greek seas (K. Bithava,, E. Lambou, T. Hasalevris, E. Oikonomou, X. Dovas, I. Pappas, M. Papanastasopoulou, **F Athanassopoulou**.

**Primer Encuentro Nacional de Ictiología", Pontificia Universidad Católica del Ecuador Sede Esmeraldas, Escuela de Gestión Ambiental, (PUCESE) , At Esmeraldas, Ecuador (2014)**

- Pantazis, P.A., Georgia Kouneli, Markos Kolygas y **Fotini Athanassopoulou**. 2014. The effect of dietary probiotics on growth, survival and stress resistance of rainbow trout *Onchorynchus mykiss*. Memorias de "Primer Encuentro Nacional de Ictiología", Pontificia Universidad Católica del Ecuador Sede Esmeraldas, Escuela de Gestión Ambiental, (PUCESE), 24, 25 y 26 de Septiembre de 2014, Esmeraldas, Ecuador, pp. 25-27.

**13<sup>rd</sup> Panhellenic Veterinary Congress, Athina, May 8-10, 2015**

- Phylogenetic analysis of Noda viruses isolated from fish or bivalves from Greece (Chasaleuris T., Bitchava K., Lampou I., Papadopoulos Th., Oikonomou E., **Athanassopoulou F.**, Dovas Ch.I.)
- Differential immune gene expression in an experimental infection of sea bass (D. labrax) with Nodavirus: study on the pathogenesis of the infection. (Bouziotis D., Toubanaki D.K., Margaroni M., Bitchava K., Lampou I., Bakopoulos V., Dotsika E., **Athanassopoulou F.**, Karagouni E.)
- Differential immune gene expression in an experimental infection of sea bass (D. labrax) with Nodavirus: possible prophylactic action of the oregano essential oil. (Bouziotis D., Toubanaki D.K., Margaroni M., Yiagnisis M., Lampou I., Bitchava K., Bakopoulos V., Dotsika E., **Athanassopoulou F.**, Karagouni E.) Poster
- Study of the effect of the oregano essential oil as a dietary supplement on the reduce of mortality and the load of Nodavirus in an experimental infection of sea bass (D. Labrax), receiving different concentrations via food. (Bitchava K., Lampou I., Yiagnisis M., Margaroni M., Toubanaki D.K., Bouziotis D., Bakopoulos V., Dotsika E., Karagouni E., Komninou A., Pappas I., **Athanassopoulou F.**) Poster

**37<sup>th</sup> Annual Conference of the Hellenic Society of Biological Sciences, Volos, May 21-23, 2015**

- The effect of Beta-nodavirus on the immune system of *D. labrax*: an immunological gene expression analysis. (Bouziotis D., Toubanaki D.K., Margaroni M., Yiagnisis M., Lampou I., Bitchava K., Bakopoulos V., Dotsika E., Athanassopoulou F., Karagouni E.) Poster

**European Aquaculture Society meeting, , Edinburgh, sept. 2016**

- Study of the impact of origanum oil us a dietary supplement in experimentally infected sea bass with Noda virus. K. Bitchava<sup>1</sup>, E. Lampou<sup>1</sup>, D. Bouziotis<sup>2</sup>, M. Yiagnisi<sup>1</sup>, D. Toubanaki<sup>2</sup>, M. Margaroni<sup>2</sup>, V. Bakopoulos<sup>3</sup>, E. Dotsika<sup>2</sup>, E. Karagouni<sup>2</sup>, I. Pappas<sup>1</sup>, **F. Athanassopoulou<sup>1</sup>**
- EFFECT OF DIETARY SUPPLEMENTATION WITH OREGANO (*ORIGANUM VULGARE HIRTUM*) AND ROSEMARY (*ROSMARINUS OFFICINALIS*) ESSENTIAL OILS ON FISH PARASITES IN GILHEAD SEA BREAM(*SPARUS AURATA* L.) AND EUROPEAN SEA BASS (*DICENTRARCHUS LABRAX* L.). **Athanassopoulou F<sup>\*</sup>**, M. Yiagnisis 1,3, M. Mante<sup>2</sup>, M. Kolygas<sup>1</sup>, E. Gourzioti<sup>1</sup>, Y.P. Kotzamanis <sup>3</sup>
- EFFECTS OF OREGANO ESSENTIAL OIL ON *ENTEROMYXUM LEEI* (MYXOZOA) INFECTION ON GILTHEAD SEA BREAM (*SPARUS AURATA* L.) Yiagnisis M., M. Kolygas and **F. Athanassopoulou \***
- *POLYMORPHUS ARDEAE BELOPOLSKAJA*, 1958 (ACANTHOCEPHALA) INFECTION IN SEA BASS (*DICENTRARCHUS LABRAX* LINNAEUS, 1758) IN GREECE K. Oyreilidis<sup>1</sup>, B Ragias<sup>2</sup>, I N Vatsos<sup>3</sup>, K. Fasseas<sup>4</sup>, M. N. Kolygas <sup>5</sup>, F. Athanassopoulou<sup>5\*</sup>
- ROUTES OF ENTRY AND PROGRESSION OF BETANODAVIRUS IN *DICENTRARCHUS LABRAX* E. Lampou, K. Bitchava, T. Chasalevris, C.I. Dovas, T. Papadopoulos, I. Pappas and **F. Athanassopoulou \***
- DETECTION OF BETANODAVIRUS ON FISH AND BIVALVES ON GREEK SEAWATERS  
T. Chasalevris, E. Lampou, K. Bitchava, E. Oikonomou, **F. Athanassopoulou** and C.I. Dovas

**2nd International Congress of applied Ichthyology and aquatic environment 10-12th November 2016, Messologi, Greece.**

- Lambou, E., Bitchava, K., hasalevris, T., Dovas, CH., Papadopoulos, Th., Pappas, I., **Athanassopoulou F.** (2016) Preliminary research of the entrance and expansion of Noda virus in European sea bass *Dicentrarchus labrax*

- Itsahga X., Giavasis, I., Choremi, K., Vidalis, K., Vasilaki A., Grigorakis, K., **Athanassopoulou, F.**, Nathanailides, K., (2016). Quality control in net caught and cultured fresh greek sea bream (SPARUS AURATA) under freezing conditions p. 476-480

**16th Panhellenic Congress of Ichthyologists 6-9th October, Kavala, Greece**  
**Lambou, E., Kakava, E., Kolygas, M.**, Gourzioti E., **Athanassopoulou F.** (2016)  
Carcinoma of the epithelium in cultured *Sciaena umbra*.

**6th Panhellenic congress if Tecnological Animal. Thessaloniki, 3rd February 2017.**

Karagiannis, P., Kolygas M., Kanlis, G., Logothetis, P., Anastasiou, S., **Athanassopoulou F.**, Nathanailides, K. (2017). Fat concentration and muscular cells of the muscular tissue of cultured trout in two different aquaculture units in NW of Greece.

**6th Panhellenic Congress: Meats and by products, Thessaloniki, 3rd February 2017**

Karagiannis, P., Kolygas M., Kanlis, G., Logothetis, P., Anastasiou, S., **Athanassopoulou F.**, Nathanailides, K. (2017). Differences in the effect of galactic hydrogenase and the chemical composition of filets of chicken in two units of Hepirus.

**Summer school 2017, SIRRACO, Hepirus. University of Thessaly: Aromatic Herbs.**  
**Athanassopoulou F:** "traditional northern American healing herbs". **Invited speaker.**

1st ECAAH meeting, Belfast 2018 (chair),

EBVS- annual general meetings : 2014, 2015, 2016, 2018

**INVITED SPEAKER:**

**1. IOWA, Veterinary School, 2011:**

"Main pathological conditions in cultured fish in Greece associated with nutrition"

**2. Rhode island 2015: Roger Williams University campus in Bristol, RI**

"Main pathological conditions in cultured fish in Greece" effect of nutrition to food quality and growth

## 11. RESEARCH

### Research grants :

1. «Experimental culture of dolphin fish, *Caryphaena hippurus* in Florida waters – A pilot study ». Environmental Agency Grant No 342 / FL/USA. Institute of Biomedical Aquatic Studies, University of Florida, Gainesville, USA (1986). Principal Investigator.
2. «EEC certification for Fanad Fisheries Ltd products». ISGA& MAFF Grant, (1988). Principal Investigator.
3. “Development of a salmon louse vaccine”. MAFF Grant No 1569 /1991 & EEC-AQ 1258- FAIR University of Stirling, Aberdeen & University College, Cork, Ireland.
4. “Treatment of salmon infested with sea lice by Hydrogen peroxide” SSGA/ Interox Grant. (1992). Principal Investigator.
5. «New technology for optimising fish production (*Mugil cephalus* and Flatfish) through non desensitising analogues of GnRH for the induction of ovulation in fish farming». GGET " \_ Greek Ministry of Technology & Research Program, 1993 . Co- Investigator.
6. "Two new candidate fish species for marine aquaculture (*Pagrus pagrus* and *Dentex dentex*) and their nutritional needs.» GGET " \_ Greek Ministry of Technology & Research program, 1995. Co- Investigator.
7. Towards control of *Enterococcus* sp. infections in cultured mediterranean marine fish. EEC project No: FAIR CRAFT FA-ST-8450 (1998-2000). Preliminary award. Principal Investigator.
8. Study of the pathology, transmission and treatment of Myxosporidiasis in intensive fish farming of marine fish in Greece" Greek Ministry of Technology & Research, ΠΑΒΕ, Α.Π. 13289. (1998). Principal Investigator.
9. "Dietary factors influencing the development , food digestability , the health and disease resistance of *Puntazzo puntazzo* in intensive farming conditions" Greek Ministry of Technology & Research, ΠΑΒΕ, Α.Π. 97BE230. (1998). Co- Investigator.
10. -«Farmacological study of sarafloxacin in *Sparus aurata* and detection of tissue residues.» Grant of National Research Foundation (1995).Co- Investigator .
11. «Development of prevention measures and genetic control of diseases of marine fish broodstock". Grant from the Association of marine fish farmers of Greece (1998).

Principal Investigator.

12. «Study of the development of reared *Diplodus sargus* in Ionian Sea , In Argolikos and Evoikos Bay and in the Santoni Lagoon, (Corfu) in relation to the wild population and nutrition” . Greek Ministry of Technology & Research. Principal Investigator.
13. Diagnosis, epidemiology and control of an enteric myxosporosis of commercial Mediterranean fish. EEC project Quality of life, 2002-2006). Principal Investigator for Greece.
14. “Study of the ecology and identification of metazoan parasites of marine mediterranean fish in relation to intensive farming conditions and dietary needs” Greek-Italian collaboration,GSRT, 1999-2001). Principal Investigator.
15. «Study of the toxicity & pathological effects of ivermectin against the parasites: *Lernathropus kroyeri* και *Anilocra physodes*, of sea bass *Dicentrarchus labrax*. L” Simi Fish Farm project. (1997-1998). Principal Investigator.
16. «Diagnosis, epidemiology and control of an enteric myxosporosis of commercial Mediterranean fish». EEC project. “Quality of life”. Principal Investigator.for Greece, 2002-2005.
17. “SEARCH FOR MARKERS FOR NEURONAL DISEASES IN FISH WITH SPECIAL FOCUS ON POTENTIAL PRION” GSRT, Greek-German collaboration 2002-2004. Principal Investigator.
18. «Identification of Noda virus in cultured sea bass (*Dicentrarchus labrax* L.) with PCR method and molecular characterization of the virus». 2002-2003. Funded by the University of Thessaly..
19. EPEAEK «Practical experience of Veterinary Medicine students». 2002-2004. Ministry of Education. Principal Investigator.
20. EPEAEK «Upgrading of the syllabus of the Veterinary Medicine Faculty”. .2003-2008. Ministry of Education. Principal Investigator.
21. Establishment of a databank of pathogenic bacteria in Greek fish farms. Ministry of Agriculture 2007-2009. In collaboration with the University of Thessaloniki and the Marine Research Institute, Athens. Principal investigator for University of Thessaly.



22. Study of the residue levels of antibiotics in Greece, private company award 2009:  
Principal Investigator
23. AquaTT- EEC project: Training (undergraduate and postgraduate) in Aquaculture in Europe. Partner for Greece. (2009).
24. “HERACLEITUS II” -RESEARCH PROGRAM (PhD Thesis research grant), Ministry of Education (2010). «Implementation of innovative therapeutic treatments for the successful management of ectoparasitosis in intensive Mediterranean aquaculture systems». SUREVISOR
25. HERACLEITUS II (PhD Thesis research grant): “Study of Myxobacteriosis in intensive fish farming ” 2007-13. SUPERVISOR
26. COOPERATION 2011-2015 : "Use of antibacterial agents for prevention and therapy of common diseases of cultured fish and determination of their affectivity of and safety" Principal Investigator
27. THALIS- EEC GRANT: "Mechanisms of immunopathology in natural and experimental infections of fish with Noda virus". 2013-2016. Coordinator
28. PRIMA CALL 2019. Improving sustainability and performance of aquaculture farming system: breeding for lactococcosis resistance in rainbow trout. Cooperating partner, just starting
29. EPANEK 2014-2020. Effectiveness of terrestrial and marine plant extracts for the prevention and treatment of parasite infections (*Microcotyle* spp, Myxosporea) and of myxobacteriosis in cultured Sea bream (*Sparus aurata* L.) Coordinator, just starting.

#### **OTHER RESEARCH PROPOSALS OF THE LAB:**

PROTENCH. Intensive and sustainable culture of the freshwater species tench / COOP-CT-2004, Contract Number 512575 / [www.idetra.com/PROTENCH](http://www.idetra.com/PROTENCH) . 2005-2006

“Aquaculture and Coastal Economic and Social Sustainability”-AQCESS, European Union Key Action 5, Q5RS-2000-31151/ <http://www.abdn.ac.uk/aqcess> . 2001-2003.

Sustainable Sea Urchin Culture, 1998-2000, FAIR-CT97-8459 & FAIR-CT98-9210 (SC), Fourth Frame Work Program.

## 12.SUPERVISION OF STUDENTS

I have supervised 9 PhD thesis and 2 are ongoing, I was a member of PhD committees for more than 5 students, member of MSc thesis committees of 60 MSc students of the Veterinary School or similar Schools.

## 13. REFERENCES:

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