









Andrea Di Biase


EMPLOYMENT:

2020 - Current	<p>Product Development, AIA S.p.a. Unipersonale</p> <ul style="list-style-type: none"> • Development of raw materials portfolio – from meat Rendering – through identification of new markets and innovative process. • Promote internally and on the market the transition from commodities to specialties 	 https://www.gruppooveronesi.it/en  https://www.aiafood.com/it
2016 - Current	<p>Product Manager Aqua, AIA S.p.a. Unipersonale</p> <p>Main responsibilities are within recipe optimization and formula maintenance. Working closely with Factory Managers to help on production challenges and cooperate with Raw Material Purchasing Dept. and Additives Purchasing Dept., to ensure procurement of ingredients, at right quantities and interest price.</p> <ul style="list-style-type: none"> • Manage feed formulas, optimizations and raw materials prognosis • Handling of customer inquiries on products quality • Development of feed products, innovative processes and new markets • Ensuring all products are conform with its master file on recipe cost • Calculation and control of profit margins • Create and uphold accurate feed labels • Handle production challenges by analyzing production data and laboratory results 	 www.fishfeed.eu  https://www.gruppooveronesi.it/en
2015-2016	<p>Research Assistant, DIMEVET-University of Bologna</p> <p>Performing experiments on reproduction of European eels. Supervising of Bachelor's and Master's students. Teaching at first cycle degree/Bachelor AQUACULTURE AND ICHTHYOPATHOLOGY, lectures on "Introduction to genetics applied to aquaculture"</p>	

2013-2014	<p>Postgraduate Researcher – Visitor - Department of Zoology, University of Otago, New Zealand</p> <p>Focus on: oogenesis in “silver” shortfinned eel, <i>Anguilla australis</i>. Supervisor: Dr Mark Lokman (from 1 July 2013 to 31 January 2014)</p>	
2013	<p>Adjunct Lecturer, University of Bologna - DIMEVET At First cycle degree/Bachelor AQUACULTURE AND ICHTHYOPATHOLOGY, lectures on Mollusc Farming (Course contents: The shellfish in Italy and Europe. An outline of the biology of bivalve molluscs. Breeding of oyster. Breeding of mussel. Breeding of clams. Other shellfish. Depuration of the product). Co-Supervisor of BSc and MSc students</p>	
2012	<p>International Expert-Postharvest fisheries FAO - REUDD</p> <p>In collaboration with the staff of EUROFISH and Croatian Government, support the organization of national workshop in Zadar, Croatia during May 8-10 and make presentations: general requirements for export of fishery products to the EU, labeling, certification and traceability, and best practices in bass and bream aquaculture, the role of producer organizations to promote exports of farmed marine fish.</p>	
2012	<p>Agroittica Pontina. AQUA-farm</p> <ul style="list-style-type: none"> • Design and start-up of a RAS for glass-eel weaning • Improvement of technics for growing elvers • specific advice in the preparation of an application for public financial contribution to investments in aquaculture, according to the mode of delivery provided by the Italian and European laws. (financial contribution received in 2013) 	
2011	<p>Italy OXIGEN's division of ORPC. The chemical and pharmaceutical company, manufactures and sells disinfectants, sanitizers, biocides, bacterial enzyme powders, etc.. OXIGEN is orientated in animal husbandry in particular in aquaculture and food sectors.</p> <ul style="list-style-type: none"> • Support to R&D • Sales representative 	
2011	<p>International Expert-Postharvest fisheries FAO - FIPM</p> <p>In collaboration with the staff of EUROFISH and Croatian Government, support the organization of national workshop in Daruvar, Croatia and make presentations focused on land-based Carp breeding, with emphasis EU law on basic hygiene rules in farm operation, specific hygiene rules in processing fish product, import of live fish and fish product from third country.</p>	

2010	External expertise, Az.Agr. Cascina Italia, Agriculture Company & Fish farm and processing <ul style="list-style-type: none"> • Advice for the construction of a modern RAS for artificial breeding and rearing of Tench • Drafting of the HACCP plan for the laboratory processing of fish products (gutted, filleted, smoked, marinated) 	
2009-2010	Fellowship SPINNER2013, in collaboration with: University of Bologna, Fishermen Coop. of Goro, and Adriatic-Sea s.r.l. Main duties and responsibilities <ul style="list-style-type: none"> - Experimental design - Activities in plant breeding - Laboratory tests 	 link web page
2007	Az.Agr.Coop. Settefrati, Intensive aquaculture farm (white sturgeon, European eel, African catfish, carp, tench and striped-bass) <ul style="list-style-type: none"> • Feeding program and management • Hatchery program and management 	
2007	Artisan company "Sonego Giorgio" Worker: Metal cleaning	
2006	Az.Agr. PRATI, pond-based aquaculture farm <ul style="list-style-type: none"> • Production of ornamental cyprinids (goldfish and koi carp) • Hatchery program and management 	
2002	Artisan company "Antonio Scioli" Wrought-iron-art	
2002	Aquilfer – Metallic carpentry Worker: Press, oven painting, assembly and packaging	
1996-2009	HO.RE.CA. (Hotellerie-Restaurant-Café) Barman and waiter, in different tourist areas of Italy	

EDUCATION:

2012-2015	University of Bologna PhD in Veterinary Science Main research on artificial propagation of European eel	
2009	University of Bologna Second cycle degree/two year Master in Safety and Quality in Animal Production, - 120 ects graduated whit 110/110 <i>cum Laude</i>	

2006

University of Bologna
 First cycle degree/bachelor in Aquaculture and Ichthyopathology -180 ects
 graduated with 110/110 *cum Laude*

**TRAINING COURSES:**

- EXTRUSION technology in AQUAFEED & PET-FOOD Industry, by BUHLER – SFT
- The Digestive System of Pisces: A Multidisciplinary Vision, by SIPI
- Operative Marketing
- Patenting, Brands and Models
- Strategic Marketing

PROJECTS:

- **SABANA**, Sustainable Algae Biorefinery for Agriculture and Aquaculture, H2020, Participant, 2016-2019
- **CIRCLES**, Controlling Microbiomes Circulations for Better food Systems, H2020, Participant, 2018-2022
- **NEW TECH AQUA**, New Technologies, Tools and Strategies for a Sustainable, Resilient and Innovative European Aquaculture, H2020, Participant – WP leader, 2020-2024

PUBLICATIONS:

- **Andrea Di Biase**, Mark Lokman, Nadia Govoni, Antonio Casalini, Pietro Emmanuele, Albamaria Parmeggiani, Oliviero Mordenti (2017). Co-treatment with androgens during artificial induction of maturation in female eel, *Anguilla anguilla*: effects on egg production and early development. *Aquaculture*, *under review AQUA_2016_263_R1*.
- **Andrea Di Biase**, Antonio Casalini, Pietro Emmanuele, Michaela Mandelli, P. Mark Lokman, Oliviero Mordenti (2015) Controlled reproduction in *Anguilla anguilla*: comparison between spontaneous spawning and stripping-insemination approaches.
- Parmeggiani A., Govoni N., Zannoni A., **Di Biase A.**, Forni M., Mandelli M., Mordenti O. (2014) Effect of photoperiod on endocrine profiles and vitellogenin expression in European eels (*Anguilla anguilla*) during artificially induced ovarian development.
- P Mark Lokman, Matthew J Wylie, Matthew Downes, **Andrea Di Biase** and Erin L Damsteegt (2015) A new approach to artificial induction of maturation in female silver eels, *Anguilla australis*: the benefits of androgen pre-treatment.
- Sorteni C., Clavanzani P., De Giorgio R., Portnoy O., Sirri R., Mordenti O., **Di Biase A.**, Parmeggiani A., Menconi V., Chiochetti R. (2014) Enteric neuroplasticity in seawater-adapted European eel (*Anguilla anguilla*). *Journal of Anatomy*, 224(2):180-91.
- Mordenti O., Casalini A., Mandelli M., **Di Biase A.** (2014) A closed recirculating aquaculture system for artificial seed production of the European eel (*Anguilla anguilla*): technology development for spontaneous spawning and eggs incubation. *Aquacultural Engineering* 58, 88– 94
- Sirri R., Zaccaroni A., **Di Biase A.**, Mordenti O., Stancampiano L., Sarli G., Mandrioli L. (2013) Effects of two water disinfectants (chloramine T and peracetic acid) on the epidermis and gills of *Garra rufa* used in human ichthyotherapy. *Polish Journal of Veterinary Sciences*, 16(3):453-61.
- Mordenti O., **Di Biase A.**, Bastone G., Sirri R., Zaccaroni A., Parmeggiani A. (2013) Controlled reproduction in the wild European eel (*Anguilla anguilla*): two populations compared. *Aquaculture International*, 21(5):1045-1063
- Mordenti O., **Di Biase A.**, Sirri R., Modugno S., Tasselli A. (2012) Induction of sexual maturation in wild female European eels (*Anguilla anguilla*) in darkness and light. *The Israeli Journal of Aquaculture*, Bamidgheh IJA_64.2012.726, 9 pages

- Mordenti O., **Di Biase A.**, Zaccaroni A., Bastone G., Scaravelli D. (2012) Induced Reproduction of *Aphanius fasciatus* by ecophysiological conditioning and hormonal treatment in fresh and marine water. The Israeli journal of aquaculture, Bamidgeh IJA_64.2012.674, 6 pages
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PERSONAL DETAILS:

Date of Birth
Nationality Italian
Gender Male
Interests Mountain walking, Moto-Guzzi, NASE Worldwide - Open Water Diver
Spoken languages Italian, mother tongue
English, excellent
Turkish, slight

Verona: 12-july-2019

I consent to the processing of my personal and professional data for research and selection of personnel

Andrea Di Biase, PhD