

PERSONAL INFORMATION

Maria MORGHESE✉ maria.morghese@unipa.it

WORK EXPERIENCE

From 15th September to today

Grant holder in the project: "Centro Internazionale di Studi Avanzati su Ambiente, ecosistema e Salute umana - Cisas" Work Package 5 "Molecular Epidemiology" -Task 5.4 - Biomolecular markers related to exposure *in vitro*.

Dept DiSTeM- University of Palermo (Italy) Laboratory of Marine Biochemistry and Ecotoxicology c/o Marine-Biology Institute

- - evaluation of the effect of xenobiotics on lipid metabolism
- - definition of environmental exposure markers

Voluntary participation at the research activity of the laboratory

Dept DiSTeM- University of Palermo (Italy) Laboratory of Marine Biochemistry and Ecotoxicology c/o Marine-Biology Institute

- research activity on cell cultures and molecular stress markers

From October / 2015 to December / 2015

Grant holder in the project: "Innovazione tecnologica e sviluppo sostenibile nel settore della trasformazione dei prodotti ittici del Litorale Trapanese"

Marine-Biology Institute - Consorzio Universitario della Provincia di Trapani

- - Characterization of the biochemical-nutritional composition of marine organisms;
- - Characterization of toxicity markers on marine organisms through the evaluation of the degradation of the nitrogenous component and the evaluation of primary and secondary products of lipid degradation;
- - Extraction, isolation, identification of bioactive compounds and evaluation of *in vitro* properties.

From 25 July 2014 to 31 December 2015

Grant holder in the project: "SecurAqua – Sécurité et qualité des produits aquacoles: le développement d'une voie commune tuniso - sicilienne". Cooperation program transfrontier (IEVP) Italy-Tunisia 2007-2013 –.

Marine-Biology Institute - Consorzio Universitario della Provincia di Trapani

- Research activity on the metabolism and the quality of farmed fish products.

From December 2013 to July 2014

Voluntary participation at the research activity of the laboratory

Dept DiSTeM- University of Palermo (Italy). Laboratory of Marine Biochemistry and Ecotoxicology c/o Marine-Biology Institute

OTHER WORK EXPERIENCE

From September / 2016 to December / 2016

Veterinary assistant

Ajmal Arabian Stud (Al Wafrah, Kuwait) di proprietà di Mr. Mohammad J. Al Marsouq.

From July / 2012 to September / 2012

Trainee

Institute for Coastal Marine Environment (IAMC-CNR), Mazara del Vallo (Italy)

- management of fish resources
- software development and GIS
- management of the coastal strip
- transfer to companies of scientific and electroacoustic technologies used in fishing activities

EDUCATION AND TRAINING

10th July 2017

Qualified as a biologist

University of Palermo, (Italy)

21th July 2016

Master Degree in Biology and ecology of marine coastal environment

University of Messina, (Italy); Department of Chemical, Biological, Pharmaceutical and Environmental Sciences

Master thesis: " Use of *in vitro* systems for the evaluation of the effects of bioactive compounds of marine origin"

16th July 2013

Bachelor Degree in Aquaculture and fish production hygiene

University of Bologna, Cesenatico (Italy); School of Agriculture and Veterinary Medicine

Professional competence on all aspects of agriculture, animal welfare, agriculture and economics of animal husbandry transformation and marketing of fish products

ADDITIONAL INFORMATION

Publications

- **Morghese M.**, Manuguerra S., Randazzo M., Arena R., Gharbi S., Sadok S., La Barbera L., Messina C.M., Santulli A., 2016. Indicateurs Biochimiques-nutritionnels pour la distinction de l'origine et de la methode de production des poissons d'élevage. Procceeding de association tunisienne des Sciences Biologiques. 27ème Forum International, 28-31 Mars 2016-Hammamet-Tunisie : 254.
 - Manuguerra S., **Morghese M.**, Arena R., Renda G., Laudicella A., Sadok S., La Barbera L., Messina C. M. Santulli A., 2016. Effet du stress d'abattage sur la qualité de de loup de mer (*Dicentrarchus labrax*) eleve. Procceeding de association tunisienne des Sciences Biologiques. 27ème Forum International, 28-31 Mars 2016-Hammamet-Tunisie : 252.
 - Manuguerra S., **Morghese M.**, Randazzo M., Arena R., Gharbi S., Renda G., Laudicella A., Pizzo F., La Barbera L. et Messina C. M et Santulli A. 2016. Indicateurs biochimiques pour l'évaluation de la qualité du loup de mer (*Dicentrarchus labrax*) et de la daurade (*Sparus aurata*), sauvages et élevés en intensif. Qualité des produits aquacoles: les cas d' études, pp. 41-56. ISBN: 9788890790225.
 - Manuguerra S., **Morghese M.**, Randazzo M., Arena R., Gharbi S., Renda G., Laudicella A., Pizzo F., La Barbera L., Messina C. M. 2016. Indicateurs biochimiques pour la révélation du stress induit par différentes méthodes d'abattage, et des effets sur la qualité du produit de loup de mer (*Dicentrarchus labrax*). Qualité des produits aquacoles: les cas d' études, pp. 16-33. ISBN: 9788890790225
 - Messina C.M., Randazzo M., Manuguerra S., **Morghese M.**, Renda G., Arena R., Gharbi S., La Barbera L., Fortino G., Sadok S. et Santulli A. 2016. Diversification de la production de l'aquaculture sicilienne à travers la production de filets de maigre (*Argirosomus regius*) fumés : de la caractérisation nutritionnelle au consumer test. Bull. Inst. Natn. Scien. Tech. Mer de Salambô, vol. 43 : 43-49 (Numéro Spécial). ISSN 0330-0080.
 - Messina C.M., Manuguerra S., **Morghese M.**, Arena R., Gharbi S., Fortino G., La Barbera L., Sadok S. et Santulli A. 2016. Production d'hamburger de filet de daurade (*Sparus aurata*) d'élevage : caractérisation nutritionnelle au cours du *shelf-life*. Bull. Inst. Natn. Scien. Tech. Mer de Salambô, vol. 43: 37-42 (Numéro Spécial). ISSN 0330-0080.
 - Renda G., Pizzo F., Laudicella V. A., **Morghese M.**, Messina C.M. and Santulli A., 2015. Extraction of bioactive compounds from shrimp waste from nutraceutical application. In *Biologia e Salute umana Ricerca pura e traslazione*: 35-37. ISBN 978-88-7544-323-8.
 - Messina C.M, Renda G., Randazzo M., Laudicella V. A., Gharbi S., Pizzo F., **Morghese M.** and Santulli A., 2015. Extraction of bioactive compounds from shrimp waste. Bulletin de l'institut national des sciences et technologies de la mer de Salambô. Gammarth 27-29 July 2015. Vol. 42: 27-29. ISSN 0330-0080.
 - Messina C.M, Bono G., **Morghese M.**, Randazzo M. and Santulli A., 2014. Coupling natural antioxidant treatment and MAP to increase the value of Mediterranean fisheries species. Presented at 44th WEFTA meeting, 9-11 June 2014 Bilbao (Spain).
 - Randazzo M., **Morghese M.**, Renda G., Manuguerra S., Gharbi S., Laudicella A., Arena R., Pizzo F, La Barbera L. et Santulli A. 2016. L'aquaculture en Sicile – 2013. Qualité des produits aquacoles les cas d' études, pp. 69-94. ISBN: 9788890790225.
- Conferences and seminars
- 21 November 2017 Conference ERA ENVHEALTH: Linking enviromental and epidemiological data contaminated areas
 - 27-28 October 2017 90° Meeting SIBS: Biologia sperimentale nella ricerca di base applicata all'ambiente e all'uomo
 - 19-20 April 2016 (Yasmine Hammamet, Tunisie): Séminaire de cloture Securaqua: Qualité et innovation pour la promotion des produits aquacoles : La contribution transfrontalière tuniso-sicilienne
 - 18-19 April 2016 (Yasmine Hammamet, Tunisie): Séminaire de cloture BIOVecQ: TIC pour le Transfert Biotechnologique Halio-Alimetaire et Bioproduits en Sicilie et en Tunisie;
 - 10 December 2015 (Trapani, Italy): Meeting-Séminaire GAC: Research support for innovation, competitiveness and sustainability of fish processing industry: from European to regional perspective.
 - 27 November 2015 (Trapani, Italy): Meeting-Séminaire AIVI: Qualità e controllo sanitari dei prodotti della pesca: stato dell'arte e prospettive;
 - 24 March 2015 (Palermo, Italy) : Meeting-Séminaire Securaqua: Etude comparative des spécificités nutritionnelles des produits aquacoles.
 - 19-21 March 2015 (Trapani, Italy) : Meeting-Séminaire BIOVecQ: Innovation dans le secteur halio-alimentaire et bioproduits: développement de nouvelles procedures.
 - 11 November 2014 (Trapani, Italy): Meeting-Séminaire Securaqua: Valorisation De L'image Des Produits Acquacole..
 - 25-27 November 2013 (Valderice (TP), Italy): Meeting-Séminaire BIOVecQ: Biotecnologie Halio-alimentaire et Bioproduits: Un secteur Prometteur pour la Tunisie et la Sicilie .