

Curriculum

Vitaein

formato

Europeo

Informazioni personali

Nome e Cognome	Caterina Faggio
Attuale Amministrazione di appartenenza	Dipartimento di Scienze Chimiche, Biologiche, Farmaceutiche e Ambientali-Università degli Studi di Messina
Attuale responsabilità	Professore Ordinario
Contatti	cfaggio@unime.it tel.0906765213

Esperienza lavorativa

dall'1/12/1988 al 30/06/1990	Funzionario tecnico presso ex Istituto di Fisiologia generale della Facoltà di MM.FF.NN. dell'Università di Messina
dal 3/01/1991 al 25/05/2000	Ricercatore confermato di Fisiologia generale SSD 5D1 ex BIO 09 presso il Dipartimento di Scienze Chimiche, Biologiche, Farmaceutiche ed Ambientali (già Dipartimento di Scienze Biologiche ed Ambientali) dell'Università di Messina
dal 26/05/2000 all'1/12/2019	Professore associato di Fisiologia generale SSD 5D1 ex BIO 09 presso il Dipartimento di Scienze Chimiche, Biologiche, Farmaceutiche ed Ambientali dell'Università di Messina
02/12/2019	Professore ordinario di Fisiologia generale SSD 5D1 ex BIO 09 presso il Dipartimento di Scienze Chimiche, Biologiche, Farmaceutiche ed Ambientali dell'Università di Messina
29/12/2022	Professore ordinario di Fisiologia generale SSD 5D1 ex BIO 09 presso il Dipartimento di Scienze Chimiche, Biologiche, Farmaceutiche ed Ambientali dell'Università di Messina
Dal 2018 ad oggi	Componente del collegio dei docenti del corso di Dottorato di ricerca in BIOLOGIA APPLICATA E MEDICINA SPERIMENTALE (dal ciclo XXXVI)presso l'Università' degli Studi di MESSINA.

MODELLO DI CV MINIMIZZATO

	<p>Componente del collegio dei docenti del corso di Dottorato di ricerca in Scienze sperimentali applicate agli organismi animali per i cicli XXVII e XXVIII</p> <p>Componente del collegio dei docenti del corso di Dottorato di ricerca in Metodologie dei sistemi di rappresentazione della Semiotica animale ed ambientale per i cicli XXIII e XXIV</p> <p>Componente della Commissione per l'assegnazione di assegni di ricerca AREA n°5</p>
dal 2008 al 2011	
dal 2007 al 2009	<p>Componente della Commissione orientamento e tutorato del corso di laurea triennale in Scienze Biologiche</p>
dal 2003 al 2023	<p>Docente referente per l'Internazionalizzazione del Dipartimento di Scienze Chimiche, Biologiche, Farmaceutiche ed Ambientali (corsi di laurea Scienze Biologiche, Biologia, Scienze dell'Ambiente e della Natura, Biologia ed Ecologia dell'Ambiente Marino Costiero)</p>
dal 2010 ad oggi	
dal 2012 ad oggi	<p>Componente della Commissione per la mobilità Erasmus dell'Università di Messina</p>
Istruzione e formazione	<p>Laurea in Scienze Biologiche con 110/110 e lode accademica</p>
Madrelingua	<p>Italiana</p>
Altre competenze linguistiche	<p>Inglese</p>
Proceeding	
Pubblicazioni	

MODELLO INFORMATIVA SINTETICA

Modello informativa sintetica, informazioni sul trattamento

Ai sensi dell'art. 13 del Regolamento (UE) 2016/679, si informa la S.V. che questa Università è titolare del trattamento dei dati personali dalla

S.V. conferiti e che il trattamento stesso sarà effettuato nel rispetto del citato regolamento europeo ai fini dell'assolvimento degli obblighi di pubblicazione di cui al d.lgs. 33/2013. I dati potranno essere utilizzati e conservati esclusivamente per gli adempimenti di legge correlati all'affidamento dell'incarico. Il conferimento dei dati è obbligatorio a tali fini. I dati saranno trattati dall'Università, in qualità di titolare, nel rispetto delle disposizioni del Regolamento (UE) 2016/679 con le modalità previste nell'informativa completa pubblicata sul sito dell'Università. La S.V. è informata che potrà comunque ed in qualsiasi momento, ai sensi degli artt. 15 ss. del Regolamento (UE) 2016/679, verificare i propri dati personali raccolti dal Titolare e farli correggere, aggiornare o cancellare rivolgendosi al Responsabile della protezione dei dati (inserire dati di contatto del DPO). La S.V. è informata che in caso di inosservanza del Regolamento (UE) 2016/679 potrà rivolgere reclamo al Garante per la protezione dei dati personali";

MODELLO ALERT

Modello alert su limitazione della finalità nel riutilizzo

I dati personali ivi pubblicati sono "riutilizzabili solo alle condizioni previste dalla normativa vigente sul riutilizzo dei dati pubblici (direttiva comunitaria 2003/98/CE e d. lgs. 36/2006 di recepimento della stessa), in termini compatibili con gli scopi per i quali sono stati raccolti e registrati, e nel rispetto della normativa in materia di protezione dei dati personali

Messina, 31/03/2023

Proceedings

ZICARELLI G., PAGANO M., SAVOCA S., IMPELLITTERI F., ALBANO M., CAPILLO G., **FAGGIO C.**, (2022). *Mytilus galloprovincialis*: a non-target organism as a tool for assessing the potential toxicity of Acetylsalicylic acid. 32nd Congress New European Society for Comparative Physiology and Biochemistry. Napoli, Italy 28-31 Agosto 2022. Book of abstract p. 157-58.

PAGANO M., STARA A., FABRELLO J., SAVOCA S., ALBANO M., MATOZZO V., **FAGGIO C.** (2022). Physiological response of *Mytilus galloprovincialis* exposed to neonicotinoids: Calypso 480SC and thiacloprid 32nd Congress New European Society for Comparative Physiology and Biochemistry. Napoli, Italy 28-31 Agosto 2022. Book of abstract p.50-51

ARRIGO F., ZICARELLI G., PAGANO M., GIACOBBE S., FABRELLO J., MATOZZO V., **FAGGIO C.** (2022). Can *Spondylus gaederopus* (Linnaeus, 1758) be considered a bioindicator through its immune system study? 32nd Congress New European Society for Comparative Physiology and Biochemistry. Naples, Italy, 28-31 August 2022. ESCPB Book of abstract p.199-200.

IMPELLITTERI F., TRESNAKOVA N., PAGANO M., COTUGNO A., VELISEK J., **FAGGIO C.** (2022). Changes in cell viability and volume after chiral pesticide Tebuconazole exposure to *Mytilus galloprovincialis* (Lamarck, 1819). 32nd Congress New European Society for Comparative Physiology and Biochemistry. Naples, Italy, 28-31 August 2022. ESCPB Book of Abstract, pp. 155-156.

MULTISANTI C.R., ZICARELLI G., PAGANO M., JACOPO F., MATOZZO V., GIACOBBE S., **FAGGIO C.** (2022). Could *Pinctada imbricata radiata* (Leach, 1814) be a model species for ecotoxicological studies? 32nd Congress New European Society of Comparative Physiology and Biochemistry. Napoli, Italy, 28-31 Agosto 2022. Book of Abstract, p. 200-201.

MULTISANTI C.R., PAGANO M., IMPELLITTERI F., GIACOBBE S., **FAGGIO C.** (2022). *Pinctada imbricata*: an efficient "alien" as a biomarker. 94th National Congress of the Italian Society for Experimental Biology. Torino, Italy, 6-9 Aprile 2022. Journal of Biological Research 95:s1 p. 30-31 (Best Communication).

ZICARELLI G., ROMANO C., GALLO S., CHIRIACO S., MILAZZO C., **FAGGIO C.**, MANCUSI C., SPERONE E., (2022). Feeding habits of the blackmouth catshark (*Galeus melastomus*) from Central Mediterranean Sea, with emphasis on plastic ingestion. 94th National Congress of the Italian Society of Experimental Biology. Torino, Italy 6-9 Aprile 2022. Journal of Biological Research 95:s1 p. 34

PAGANO M., SAVOCA S., IMPELLITTERI F., ALBANO M., CAPILLO G., **FAGGIO C.** (2022). Acetylsalicylic acid: physiological changes in non-target organism *Mytilus galloprovincialis*. 94rd National Congress of the Italian Society of Experimental Biology. Torino, 6-9 April 2022. Journal of Biological Research p.31

IMPELLITTERI F., PAGANO M., GIACOBBE S., **FAGGIO C.** (2022). *Spondylus gaederopus* celllines as an innovative tool for environmental toxicity assays. 94th National Congress of the Italian Society for Experimental Biology. Torino, Italy, 6-9 Aprile 2022. Journal of Biological Research 95:s1 p.28-29 (Best Communication).

ARRIGO F., COTUGNO A., CARLETTO D., SCADUTO G., LOMBARDO J., PAGANO M., **FAGGIO C.** (2022). Viability cells of *Mytilus galloprovincialis* exposed to acetylsalicylic acid (ASA). 94th National Congress of the Italian Society for Experimental Biology. Torino, Italy,

06-09Aprile 2022 Journal of Biological Research; 95: s1 p.22

DI BELLA G., PORRETTI M., SCINELLI A., **FAGGIO C.** (2022). Environmental Contaminants in Algerian Aromatic Herbs. 94th National Congress of the Italian Society for Experimental Biology Torino, Italy, 6-9 April 2022. Journal of Biological Research 2022; volume 95:(s1) p. 33

PAGANO M., STARA A., FABRELLO J., MATOZZO V., R. LIKA, V. ALIKO, **FAGGIO C.** (2021). In vitro contamination by thiacloprid: *Mytilus galloprovincialis* as a bioindicator. The 9th National and the 1st International Iranian Conference of Ichthyology (ICI 2021). October 26-27 2021-University of Guilan, Rasht, Iran

IMPELLITTERI F., ROBEA M., PLAVAN G., **FAGGIO C.** (2021). Potential toxic evaluation of sodium lauryl sulfate in *Danio rerio*. The 9th National and the 1st International Iranian Conference of Ichthyology (CI 2021). 26-27 Ottobre 2021- University of Guilan, Rasht (Iran)

PAGANO M., STARA A., FABRELLO J., MATOZZO V., **FAGGIO C.** (2021). The response of digestive cells of *Mytilus galloprovincialis* after exposure to thiacloprid. 71° National Congress of the Italian Society of Physiology 07-09 Settembre 2021

ALIKO V., QIRJO M., TURANI B., PAGANO M., **FAGGIO C.**, BIBA A., KORRIKU R. Ecophysiology meets conservation: amphibians as sentinels of environmental health. Conference: 1st International Conference on Water Environmental Protection and sustainable Development. Tirana, 17-18 Maggio 2021, p.25

ALIKO V., BEQIRAJ E., QIRJO M., CANI M., **FAGGIO C.**, CAPILLO G., PAGANO M. Microplastics in the levant- a snapshot from kune vain lagoon. Conference: 1st International Conference on Water Environmental Protection and sustainable Development. Tirana, 17-18 Maggio2021, p.29

BRIGLIA M., PICCIONE G., LAURÀ R., GERMANÀ A., **FAGGIO C.** (2021). Zebrafish, dysbiosis and toxicology effects. 93° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale)Palermo 22-25 Aprile 2021 Journal of Biological Research; 94: s1

PAGANO M., STARÁ A., ALIKO V., **FAGGIO C.** (2021). Preliminary studies on the effect of thiacloprid on *Mytilus galloprovincialis*. 93° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Palermo 22-25 Aprile 2021 Journal of Biological Research; 94: s1

PAGANO M., STARA A., CAPPARUCCI F., **FAGGIO C.** (2019). Joint Meeting of the Federation of European Physiological Societies (FEPS) and the 70° Italian Physiological Society (SIF), Bologna(Italy) 10– 13 Settembre 2019, p.109

STARÁ A., PAGANO M., CAPILLO G., FABRELLO J., VELÍŠEK J., MATOZZO V., **FAGGIO C.** (2019). Effects of a neonicotinoid insecticide on *Mytilus galloprovincialis*". 19th International Toxicological Conference "Toxicity and Biodegradability of Matters Important in Aquatic Environments", Vodňany, Czech Republic 21 to 23 August 2019

DAILIANIS S., CHARALAMBOUS N., FOINIRIS S., KOMODROMOU A., **FAGGIO C.**, COCILOVO C., DORMOUSOGLU M., LYBERATOS G., NTAIKOU I. (2019). Evaluating constructed wetland's operational efficiency, using a battery of bioassays and critical toxic endpoints. 19th International Symposium on Toxicity Assessment, Thessaloniki, Greece, 25 to 30 of August 2019

PAGANO M., VAZZANA I., GENTILE A., CALABRESE E., OREFICE T., CARACAPPA G., **FAGGIO C.** (2019). Biochemical and haematological parameters as tool to assess the health status of turtles after stranding. Primo Simposio di Biologia Sperimentale: mare e ambiente (Società Italiana Biologia Sperimentale). Trapani 24-25 Maggio 2019 p.9

PAGANO M., STARA A., FABRELLO J., MATOZZO V., **FAGGIO C.** (2019) Effects of acute exposure of *Mytilus galloprovincialis* to two neonicotinoid substances: Thiacloprid and Calypso. Primo Simposio di Biologia Sperimentale: mare e ambiente (Società Italiana Biologia Sperimentale). Trapani 24-25 Maggio 2019 p.9-10

ALIKO V., MEHMETI E., QIRJO M., **FAGGIO C.** (2018). Drink and sleep like a fish- goldfish as a behavior model to study pharmaceutical effects in freshwater ecosystem. 91° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Ancona 09-10 Novembre 2018 p.3

CAPILLO G., **FAGGIO C.**, SAVOCA S., PANARELLO G., SANFILIPPO M., SPANO' N. (2018). *Gracilaria gracilis*: a powerful product from sustainable aquaculture. 91° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Ancona 09-10 Novembre 2018 p.3

PAGANO M., STARA A., **FAGGIO C.** (2018). Importance of mussel digestive cells in ecotoxicological investigations on xenobiotics. 91° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Ancona 09-10 Novembre 2018 p.7

COCILOVO C., BLAHOVA J., PLHALOVA L., SVOBODOVA Z., **FAGGIO C.** (2018). Effects of mixture of atrazine, desisopropylatrazine and desethylatrazine on development of early life stages of zebrafish (*Danio rerio*). 91° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Ancona 09-10 Novembre 2018 p.9

FIORINO E., FABER P. L., FREITAS T., SALDANHA C., **FAGGIO C.**, SILVA-HERDANDE A.S. (2018). Beta- estradiol and ethinyl-estradiol effects on female hemorheology. 91° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Ancona 09-10 Novembre 2018 p.10

STARA A., STROUHOVA' A., KOUBA A., VELISEK J., **FAGGIO C.** (2018). The effects of acute exposure of neonicotinoid insecticide on different species of crayfish. 91° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Ancona 09-10 Novembre 2018 p.13

GUZZETTI E., FERRIOL P., DIAZ J.A., SALABERRY E., TEJADA S., **FAGGIO C.**, SUREDA A. (2018). Oxidative stress induction by the invasive sponge *Paraleucilla magna* growing on *Peyssonella squamerei* algae. 91° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Ancona 09-10 Novembre 2018 p.11

BURGOS ACEVES M.A., LEPRETTI M., PAOLELLA G., **FAGGIO C.**, LIONETTI L. (2018). Mitochondrial function and dynamic behavior response to different doses of environmental pollutant in HEPG2 cells. 69° National Congress of the Italian Society of Physiology 19-21 Settembre 2018 Firenze

GARCÍA BELTRÁN J.M., ESPINOSA RUIZ C., CAMPO V., CHUPANI L., **FAGGIO C.**, ESTEBAN ABAD M.A. (2018). Origanum vulgare administered in fish diets enhance humoral and cellular immunity of gilthead seabream (*Sparus aurata L.*). 18th International Symposium on Fish Nutrition and Feeding 3-7 June 2018-Las Palmas de Gran Canaria (Spain)

ALIKO V., QYLI M., QIRJO M., **FAGGIO C.** (2017). *Carcinus aestuarii* as an interesting bioindicator in monitoring estuarine ecosystem pollution. A multibiomarker approach. 90th CONGRESSO SIBS (SOCIETÀ ITALIANA DI BIOLOGIA SPERIMENTALE) 27-28 October 2017- Trapani (Italy) Journal of Biological Research. 90(1): 2

SKALICKA-WOZNIAK K., BOGUSZEWSKA-CZUBARA A., BIAŁA G., SILVESTRO S., **FAGGIO C.**, B. BUDZYŃSKA B. (2017). Xanthotoxin improves scopolamine induced memory impairment in passive avoidance test in mice – role of acetylcholinesterase. 90th CONGRESSO SIBS (SOCIETÀ ITALIANA DI BIOLOGIA SPERIMENTALE) 27-28 October

2017- Trapani (Italy)

Journal of Biological Research. 90(1): 13-14

SILVESTRO S., BOGUSZEWSKA-CZUBARA A., KURZEPA J., BIAŁA G., GROT K., **FAGGIO C.**, BUDZYŃSKA B. (2017). Mephedrone exposure in male swiss mice: damages and possible solutions to address drug addiction. 90th CONGRESSO SIBS (SOCIETÀ ITALIANA DI BIOLOGIA SPERIMENTALE) 27-28 October 2017- Trapani (Italy) Journal of Biological Research. 90(1): 14

SILVESTRO S., CAPILLO G., SANFILIPPO M., FIORINO E., GIANGROSSO G., FERRANTELLI V., DARA S., VAZZANA I., **FAGGIO C.** (2017). Appraisal of the abiotic and biotic framework of Faro lake (Messina, Sicily). 90th CONGRESSO SIBS (SOCIETÀ ITALIANA DI BIOLOGIA SPERIMENTALE) 27-28 October 2017- Trapani (Italy) Journal of Biological Research. 90(1): 14

BELLINVIA R., STEINBACH C., **FAGGIO C.**, H. KOCOUR KROUPOVÁ H. (2017). Sexual dimorphism in endler's guppies (*Poecilia wingei*)—morphometric analysis. 90th CONGRESSO SIBS (SOCIETÀ ITALIANA DI BIOLOGIA SPERIMENTALE) 27-28 October 2017- Trapani (Italy) Journal of Biological Research. 90(1): 16-17

BELLINVIA R., STARA A., STROUHOVA A., **FAGGIO C.** (2017). The effects of acute exposition of Calypso 480 SC on common yabby (*Cherax destructor*) crayfish. 90th CONGRESSO SIBS (SOCIETÀ ITALIANA DI BIOLOGIA SPERIMENTALE) 27-28 October 2017- Trapani (Italy) Journal of Biological Research. 90(1): 16

GUZZETTI E., FELICE MR., DERBEL H., GDOURA R., URZÌ C., **FAGGIO C.**, DE LEO F. (2017). Antioxidant activity and cytotoxicity in *Hortaea werneckii* grown under salt stress. 90th CONGRESSO SIBS (SOCIETÀ ITALIANA DI BIOLOGIA SPERIMENTALE) 27-28 October 2017- Trapani (Italy) Journal of Biological Research. 90(1): 17

CAMPO V., MIAO L., CHAVEZ-POZO E., **FAGGIO C.**, ESTEBAN M.Á., CUESTA A. (2017). Granzymes role in the cell-mediated cytotoxic immune response of fish against nodavirus. 90th CONGRESSO SIBS (SOCIETÀ ITALIANA DI BIOLOGIA SPERIMENTALE) 27-28 October 2017- Trapani (Italy) Journal of Biological Research. 90(1): 13

FIORINO E., J. BLAHOVÁ J., ENEVOVÁ V., PLHALOVÁ L., FRANC A., SVOBODOVÁ Z., **FAGGIO C.** (2017). Oxidative stress response of rainbow trout after subchronic tonalide exposure. 90th CONGRESSO SIBS (SOCIETÀ ITALIANA DI BIOLOGIA SPERIMENTALE) 27-28 October 2017- Trapani (Italy) Journal of Biological Research. 90(1): 13

QYLI (MEMAJ) M., **FAGGIO C.**, ALIKO V. (2017) Copper influence on glycaemic hormonal regulation by the eyestalks in the Mediterranean Crab, *Carcinus aestuarii*. International Conference on Food and Biosystems Engineering, 01-04 June 2017, Rhodes island, FaBE2017 132: 12

FIORINO E., SEHONOVA P., PLHALOVA L., BLAHOVA J. SVOBODOVA Z., **FAGGIO C.** (2016). The effects of glyphosate on early life stages of common carp (*Cyprinus carpio*) and zebrafish (*Danio rerio*). 89th CONGRESSO SIBS (SOCIETÀ ITALIANA DI BIOLOGIA SPERIMENTALE) 1-2 Dicembre 2016- Bologna (Italy) Journal of Biological Research. 89(1): 11

SILVESTRO S., PAGANO M., PORCINO C., BRIGLIA M., FIORINO E., VAZZANA M., **FAGGIO C.** (2016). In vitro acute toxicity of cadmium and zinc in haemolymph and

digestive cells of *Mytilus galloprovincialis*. 89° Convegno SIBS (SOCIETÀ ITALIANA DI BIOLOGIA SPERIMENTALE 1-2 Dicembre 2016-Bologna (Italia). Journal of Biological Research. 89 (1):15 - 16

SIGNORETTO E., HONISH S., BRIGLIA M., **FAGGIO C.**, CASTAGNA M., LANG F.(2016). Nocodazole induced Suicidal Death of Human Erythrocytes. 95th Annual Meeting of the German Physiological Society 3–5 March 2016, Lübeck, Germany; ACTA PHYSIOLOGICA 216 pp.146

SILVA-HERDADE A.S., ANDOLINA G., **FAGGIO C.**, SALDANHA C. (2016). Erythrocyte deformability-A partner of the inflammatory response. 18th European Conference on Clinical Hemorheology and Microcirculation. Lisbon 5-8-June 2016

MODICANO P., MÄDER K., **FAGGIO C.** (2015). Preparation of blank and F8BT-loaded lipid nanocapsules based on a phase inversion method and their preliminary characterization. 88° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Genova 11-12 Dicembre 2015. pp. 111-112

MODICANO P., **FAGGIO C.** (2015). Lipid nanocapsules as promising carriers for Drug Delivery System with a Trojan horse strategy. 88° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Genova 11-12 Dicembre 2015. pp. 82

PINTOMALLI L., **FAGGIO C.**, MAMMÌ C., BARBARO A.P., BARCELLA L., ROGOLINO S.B., LAGANÀ C., PRIOLO M. (2015). Molecular characterization by ITS sequencing in a group of patients affected with mycotic infection. 88° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Genova 11-12 Dicembre 2015. pp. 121

PAGANO M., CAPILLO G., SANFILIPPO M., PALATO S., TRISCHITTA F., MANGANARO A., **FAGGIO C.** (2015). The impact of quaternium-15 on *Mytilus galloprovincialis*: “in vitro” study. 88° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Genova 11-12 Dicembre 2015. pp. 118-120

PAGANO M., PORCINO C., SPINELLI A., MATOZZO V., **FAGGIO C.** (2015). A first description of haemocytes of *Pinna nobilis*. 88° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Genova 11-12 Dicembre 2015. pp. 115-117

GUARDIOLA F.A., **FAGGIO C.**, CUESTA A., MESEGUER J., ESTEBAN MA. (2015). Impact of copper exposure on gilthead seabream (*Sparus aurata* L.): hepatosomatic index, serum antioxidant status and innate cellular immune parameters. 88° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Genova 11-12 Dicembre 2015. pp. 101-102

SOUTO E.B., DOKTOROVOVA S., SILVA AM., VAZZANA M., SANTINI A., **FAGGIO C.** (2015). The role of epigenetic regulator SIRT6 in skin tumorigenesis. 88° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Genova 11-12 Dicembre 2015. pp. 144-146

FIORINO E., BLAHOVA J., ENEVOVA V., PLHALOVA L., DOUBKOVA V., MARSALEK P., FRANC A., SVOBODOVA Z., **FAGGIO C.** (2015). Effects of subchronic tonalide exposure on selected indices in rainbow trout. 88° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Genova 11-12 Dicembre 2015. pp. 105-106

SPINELLI A., PAGANO M., CAPILLO G., TIZIANA OREFICE T., VAZZANA I., GIACOBBE S., **FAGGIO C.** (2015). The noble fan mussel *Pinna nobilis* behavior along a marine-brackish gradient. 88° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Genova 11-12 Dicembre 2015. pp. 137-139

SPANÒ A, RIZZO C., PAGANO M., CIGALA R.M., ARMELI MINICANTE S., MORABITO

M., **FAGGIO C.**, GENOVESE G., GUGLIANDOLO C. (2015). Antibacterial activity of water soluble polysaccharides extracted from marine algae against pathogens relevant in aquaculture. 88° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Genova 11-12 Dicembre 2015. pp. 135-136

PORCINO C., GUARDIOLA F.A., CEREZUELA R., CUESTA A., **FAGGIO C.**, ESTEBAN M.A. (2015). Effect of dietary supplementation of probiotics and palm fruits extracts on the expression levels of immune-related genes of sea bass (*Dicentrarchus labrax*). 88° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Genova 11-12 Dicembre 2015. pp. 122-123

VAZZANA M., DOSTALOVA S., KRIZKOVA S., VACULOVICOVA M., VACULOVIC T., ADAM V., **FAGGIO C.** (2015). Bioconjugated CdTe Quantum Dots for Metallothionein Fluorescent-Immunodetection. 88° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Genova 11-12 Dicembre 2015. pp. 145-147

MODICANO P., BISSINGER R., ALZOUBI K., HONISCH S., ABED M., LANG F., **FAGGIO C.** (2014). Saponin, a trigger of eryptosis, the suicidal erythrocyte death. 87° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Torino 5-6 Dicembre 2014. Journal of Biological Research 87(1): 12

MISCHITELLI M., NAVARRO S., CORTÉS R., SANCHEZ E., **FAGGIO C.**, CERDÁ-REVERTER J.M. (2014). Possible role of the Melanocortin System in the regulation of fear response and anxiety. 87° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Torino 5-6 Dicembre 2014. Journal of Biological Research 87(1): 12

MODICANO P., ARNOLD M., LANG E., BISSINGER R., ABED M., LANG F., **FAGGIO C.** (2014). Stimulation of suicidal erythrocyte death by nitazoxanide. 87° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Torino 5-6 Dicembre 2014. Journal of Biological Research 87(1):12

VAZZANA M., SANTINI A., VEIGA F.J., SILVA A.M., **FAGGIO C.**, BARBOSA SOUTO E. (2014). Formulating polyphenols in hydrophilic polymeric solid dosage forms and pharmacokinetic characterization by mathematical modeling. 87° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Torino 5-6 Dicembre 2014. Journal of Biological Research 87(1): 12-13

PORCINO C., GUARDIOLA ABELLÀ F., CEREZUELA CABRERA R., CUESTA PEÑAFIEL A., ESTEBAN ABAD M.A., **FAGGIO C.** (2014). Effect of dietary supplementation of probiotics and palm fruits extracts on innate immune response of sea bass (*Dicentrarchus labrax*). 87° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Torino 5-6 Dicembre 2014. Journal of Biological Research 87(1): 4

PAGANO M., GENOVESE G., DOTTORE A., MORABITO M., **FAGGIO C.** (2014). Biological activities of polysaccharides from marine algae. 87° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Torino 5-6 Dicembre 2014. Journal of Biological Research 87(1): 9

SILVA-HERDADE A.S., ANDOLINA G., **FAGGIO C.**, SALDANHA C. (2014). PAF (Platelet-Activating Factor) induced inflammation: *in vivo* study. 87° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Torino 5-6 Dicembre 2014. Journal of Biological Research 87(1): 11

CALABRÒ S., ALZOUBI K., LANG F., **FAGGIO C.** (2014). Enhanced eryptosis following sulforaphane exposure. 87° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale)

Torino 5-6 Dicembre 2014. Journal of Biological Research 87(1): 11

FAZIO A., BRAGASON T., MAGNADOTTIR B., **FAGGIO C.**, GUDMUNDSDOTTIR S. (2013). Risposta della fase acuta nel merluzzo bianco dopo infezione batterica. XIX Congresso della Società Italiana di Patologia Ittica Siracusa 14-16 Novembre 2013

CASUSCELLI DI TOCCO F., BLAHOVA J., SKORIC M., **FAGGIO C.**, SVOBODOVA Z. (2013). Cambiamenti istopatologici nella carpa comune (*Cyprinus carpio*) in seguito all'esposizione acuta diatrazina. XIX Congresso della Società Italiana di Patologia Ittica Siracusa 14-16 Novembre 2013

MANGANARO A., SANFILIPPO M., **FAGGIO C.**, GENOVESE G., GUGLIANDOLO C., MAUGERI T.L., MORABITO M., TRISCHITTA F., SANTULLI A. (2013). INNOVAQUA "Technological innovation for the improvement of productivity and competitiveness of sicilian aquaculture": aspects of experimental biology. 86° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Palermo 24-25 Ottobre 2013

CERAOLO F., VAZZANA M., CASTRICIANO M.A., MAZZAGLIA A., ZAGAMI R., ROMEO A., **FAGGIO C.** Spectroscopic characterization and in vitro assay on human blood of novel porphyrinderivatives. 86° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Palermo 24-25 Ottobre 2013

FAGGIO C., FAZIO F., ARFUSO F., FORTINO G., PICCIONE G. (2013). Assessment of three different anticoagulants and storage time influence on haematological parameters in *Mugil cephalus* (Linnaeus, 1758). 86° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Palermo 24- 25 Ottobre 2013 pp 62-63

BONACCORSI P., BARATTUCCI A., COSTANZO M.G., TRISCHITTA F., PAPALIA T., **FAGGIO C.** (2013). Synthesis of enantiopure sugar-decorated six-armed triptycene derivatives and a biological evaluation on human red blood cells. 86° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Palermo 24-25 Ottobre 2013: pp. 107-108

FAZIO A., LIEW HJ. DE BOECK G., **FAGGIO C.** (2013). Feeding and cortisol alter branchial Na^+/K^+ atpase activity and growth performance differently in common carp *Cyprinus carpio*. 86° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Palermo 24-25 Ottobre 2013: pp 123-124

MANGANARO A., SANFILIPPO M., **FAGGIO C.**, GENOVESE G., GUGLIANDOLO C., MAUGERI T.L., MORABITO M., TRISCHITTA F., SANTULLI A. (2013). Innovaqua "technological innovation for the improvement of productivity and competitiveness of Sicilian aquaculture": aspects of experimental biology. 86° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Palermo 24-25 Ottobre 2013

FAZIO F., **FAGGIO C.**, MARAFIOTI S., FILICCIOTTO F., PICCIONE G. (2013). Effect of storage time on haematological parameters in two different teleosts, mullet ad Sea bream. 86° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Palermo 24-25 Ottobre 2013

MODICANO P., LANG E., ARNOLD M., BISSINGER R., **FAGGIO C.**, ABED M., LANG F. (2013). Effect of thioridazine on erythrocytes. 86° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Palermo 24-25 Ottobre 2013.

BAZZANO M., **FAGGIO C.**, PANZERA M., ASSENZA A., PICCIONE G. (2013). Daily rhythm of total activity/rest pattern in small and large domestic animals. 86° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Palermo 24-25 Ottobre 2013.

PAGANO M., GENOVESE G., MORABITO M., CASELLA C., **FAGGIO C.** (2013).

Biological evaluation of the action of *Undaria pinnatifida* extract on equine red blood cells. 86° CONGRESSOSIBS (Società Italiana di Biologia Sperimentale) Palermo 24-25 Ottobre 2013: pp185-186

VAZZANA M., MACEDO A.S., SOUTO E.B., FAGGIO C. (2013). Preparation of solid lipid nanoparticles for ibuprofen delivery 86° CONGRESSO SIBS (Società Italiana di Biologia Sperimentale) Palermo 24-25 Ottobre 2013.

ZAGAMI R., CASTRICIANO M.A., MAZZAGLIA A., ROMEO A., CERAOLO F., VAZZANA M., **FAGGIO C.**, MONSÙ SCOLARO L. (2013). Novel porphyrin derivatives: spectroscopic characterization and hemolytic effect on human red blood cells (RBCs). Biometr 13-XIII Workshop on PharmacoBioMetallics 25 e 26 ottobre 2013

LIEW H.J., FAZIO A., MOYSON S., VAN DOOREN N., DELCROIX A., **FAGGIO C.**, DE BOECK G. (2013). Kidney compensates ion losses in copper exposed exercised shubunkin (*Carassius auratus*). Meeting SEB 3-6 Luglio 2013 Valencia, Spagna: pp 95.

TORRE A., GOMES T., COMPANY R., **FAGGIO C.**, TRISCHITTA F., BEBIANNO M.J. (2013). Adverse effects of sublethal concentration of cadmium on both protein expression profiles and on regulatory volume decrease. Pollutant responses in marine organisms, PRIMO Faro (Algarve), Portogallo 5-8/05/2013

WALKER B., MÜNZER P., BORST O., RUSSO A., SCHMID E., BIGALKE B., **FAGGIO C.**, LAUFER S., GAWAZ M., LANG F. (2013). Skepinone-L, a novel potent and highly selective inhibitor of p38 MAP kinase, effectively impairs platelet activation and thrombus formation. 92nd Annual Meeting Deutsche Physiologische Gesellschaft March 2–5, 2013 Heidelberg, Germany

YANG W., NURBAEVA M.K., SCHMID E., RUSSO A., SZTEYN K., **FAGGIO C.**, SHUMILINA E., LANG F. (2013). Akt2-dependent transcriptional factor ETS1 regulates expression of IP3 receptor2 in dendritic cells. 92nd Annual Meeting Deutsche Physiologische Gesellschaft March 2–5, 2013 Heidelberg, Germany

YAN J., SCHMID E., NURBAEVA M.K., YANG W., RUSSO A., **FAGGIO C.**, SHUMILINA E., LANG F. (2013). Glycogen synthase kinase 3 regulates Ca²⁺ signalling in dendritic cells. 92nd Annual Meeting Deutsche Physiologische Gesellschaft March 2–5, 2013 Heidelberg, Germany

RUSSO A., SCHMIDT E., SCHMID E., MÜNZER P., HERMANN A., EYRICH A., WALKER B., GU S., VOM HAGEN J., **FAGGIO C.**, SCHALLER M., ALESUTAN I., FÖLLER M., SCHÖLS L., BORST O., GAWAZ M., STORCH A., STOURNARAS C., LANG F. (2013). Actin depolymerization and impaired degranulation of platelets from patients with Chorea acanthocytosis. 92nd Annual Meeting Deutsche Physiologische Gesellschaft March 2–5, 2013 Heidelberg, Germany

ČOŽ-RAKOVAC R., FAZIO F., ŠMUC T., TOPIĆ POPOVIĆ N., STRUNJAK-PEROVIĆ I., SAUERBORN KLOBUČAR R., PICCIONE G., **FAGGIO C.** (2013). Blood biochemical approach in differentiation of Adriatic and Tyrrhenian mullet (Genus *Mugil* Linnaeus, 1758) populations. 48th Croatian & 8th International Symposium on Agriculture February 17-22, 2013-Valamar Lacroma Dubrovnik, Croatia

TORRE A., **FAGGIO C.**, TRISCHITTA F. (2012). Cell volume regulation in hepatopancreas of *Mytilus galloprovincialis* exposed to sublethal concentration of CdCl₂ 73° Congresso UZI 24-27 Settembre 2012

LIEW H. J., PELLE A., CHIARELLA D., **FAGGIO C.**, DE BOECK G. (2012). Cortisol elevation in common carp *Cyprinus carpio* improves ammonia excretion capacity during

swimming at different feeding regimes, but diverts energy use towards protein and anaerobic metabolism. Meeting SEB 29 Giugno-2 Luglio 2012 Strasburgo, Francia

TRIPODI P.M., ROSACLERIO L., JILANI K., LANG E., QADRI S.M., ZELENAK C., SCHLEICHER E., **FAGGIO C.**, LANG F. (2012). Erythrocyte phospholipid scrambling and cell swelling induced by CORM-2. Meeting ABCD Group "Cell Stress: Survival and Apoptosis" (CSSA), Palermo 18-19 Maggio 2012; p. 30 (1)

FEDELE G., TRISCHITTA F., **FAGGIO C.**, TORRE A. (2012). Can isolated cells of *Mytilus galloprovincialis* exhibit RVD when exposed to hypotonic stress? Meeting ABCD Group "Cell Stress: Survival and Apoptosis" (CSSA), Palermo 18-19 Maggio 2012; p. 38 (1)

MARAFIOTI S., **FAGGIO C.**, ARFUSO F., PICCIONE G., FAZIO F. (2012). Effects of oral administration of Gum Arabic on white blood cell count and on some oxidative stress parameters in *Mugil cephalus*. Meeting ABCD Group "Cell Stress: Survival and Apoptosis" (CSSA), Palermo 18-19 Maggio 2012; p. 32 (1)

PADUANO V., PRIOLO M., **FAGGIO C.**, LAGANÀ C. (2012). Neurofibromatosi di tipo 1: Studi di correlazione genotipo-fenotipo e funzionale condotto su una coorte di pazienti italiani. Meeting Nazionale di Genetica, Immunologia e Pediatria Traslazionale 24-26 Novembre 2011-Messina. RIGIP Rivista Italiana di Genetica e Immunologia Pediatrica - Italian Journal of Genetic and Pediatric Immunology p. 23 (1)

TORRE A., FEDELE G., TRISCHITTA F., **FAGGIO C.** (2011). Purinergic receptors and regulatory volume decrease in seabream (*Sparus Aurata*) hepatocytes. Acta Physiologica p. 219: (41). Vol. 203

ROSA ACLERIO L., TRIPODI P.M., ZELENAK C., QADRI S.M., JILANI K., **FAGGIO C.**, LANG F. (2011). Tanshinone IIA stimulates erythrocyte phosphatidylserine exposure. Cell Volume Regulation Meeting 2011 4-7 luglio- Tubingen (Germania) p. 30 (21)

FAGGIO C., TORRE A., DI FRESCO G., TRISCHITTA F. (2010). The intestine of marine teleosts: a model to study bicarbonate secretion. Gene Nutr. 5(1): S 54

OLLIVIER H., PELLE E., RAFFA F., **FAGGIO C.**, PICHAVANT-RAFINI K. (2010). Regulatory volume decrease (RVD) process in isolated hepatocytes of the European sea bass, *Dicentrarchus labrax*. Gene Nutr. 5(1): S 85.

FAGGIO C., TORRE A., ALBERGHINA D., PICCIONE G., TRISCHITTA F. (2010). Cadmium impairs RVD in the digestive cells of *Mytilus galloprovincialis* Comp. Biochem. Physiol, Part A S35

PICCIONE G., CASELLA S., MARAFIOTI S., TORRE A., **FAGGIO C.**, TRISCHITTA F. (2010). Circadian rhythms of oxidative stress markers in *Ovis aries*, *Bos taurus* and *Equus caballus*. Comp. Biochem. Physiol, Part A S 35

TRISCHITTA F.; **FAGGIO C.** (2008). Genistein affects Na/K/2Cl cotransport in the isolated intestine of the eel, *Anguilla Anguilla*, adapted to seawater. Acta Physiologica, p. 118, Vol. 194

TRISCHITTA F.; **FAGGIO C.** (2007). NO affects both the transcellular and the paracellular pathways in the isolated intestine of the eel, *Anguilla anguilla*. Acta Physiologica, p. 119, Vol. 191

TRISCHITTA F.; **FAGGIO C.** (2006). Endothelin affects transepithelial transport in the intestine of seawater adapted eel. Acta Physiologica, p. 126, Vol. 188

TRISCHITTA F., DENARO M.G., **FAGGIO C.** (2006). Gossypol affects ion transport in

fishintestine. Acta Physiologica, p. 106, Vol. 188

FAGGIO C.; TRISCHITTA F. (2006). Paracrine control of ion transport in the intestine of seawateradapted eel: role of endothelin, NO and prostaglandins. Acta Physiologica, p. 39-39, Vol. 188

TRISCHITTA F.; **FAGGIO C.** (2005). NO modulates ion transport in the isolated intestine of the eel, *Anguilla anguilla*. Journal of Physiology and Biochemistry, p. 591-591, Vol. 61

TRISCHITTA F.; DENARO M.G.; **FAGGIO C.** (2004). Effect of the flavonol quercetin on ion transport in the isolated intestine of the eel, *Anguilla anguilla*. Pflugers Archiv, p. 89, Vol. 448:R58 (F20)

TRISCHITTA F., DENARO M.G., **FAGGIO C.** (2004). Quercetin mimics carbachol effect on ion transport in the isolated intestine of the eel, *Anguilla anguilla*. J. Physiol. Biochem., 176, Vol. 60

TRISCHITTA F., DENARO M.G., **FAGGIO C.** (2001). Ca⁺⁺ dependent regulatory decrease in the isolated enterocytes of the eel, *Anguilla anguilla*. J. Physiol. Biochem. p. 196, Vol. 57

TRISCHITTA F., DENARO M.G., **FAGGIO C.** (2001). Effects of hypotonic stress on both the isolated intestine and the enterocytes of *Gobius niger*. Pflugers Archiv, p. 190, Vol. 442: R16

TRISCHITTA F., DENARO M.G., **FAGGIO C.** (1999). Ca⁺⁺ regulation of paracellular permeability in the middle intestine of the eel, *Anguilla anguilla*. Pflugers Archiv, p. 43, Vol. 437:4(43)

TRISCHITTA F., DENARO M.G., **FAGGIO C.** (1998). Protective effects of prostaglandins in the isolated gastric mucosa of eel, *Anguilla anguilla*. Pflugers Archiv, p.37, Vol. 435: R37

TRISCHITTA F., DENARO M.G., **FAGGIO C.**, SCHETTINO T. (1991). Cl⁻ absorption in sea-water eel (*Anguilla-anguilla*), intestine - effect of ion substitutions and inhibitors. Pflugers Archiv, p. Vol. 419, R31

ARTICOLI IN RIVISTA

ARRIGO F., ARFUSO F., IMPELLITTERI F., GIANNETTO C., PICCIONE G., **FAGGIO C*** (2023). Blood from horses and cows in vitro exposed to quaternium-15 and thiacloprid: haematology and erythrocyte osmotic fragility alterations. *Applied Science* 13, 4413

ZICARELLI G., ROMANO C., GALLO S., VALENTINO C., PEPE BELOMO V., LEONETTI, F.L., GIGLIO G., NERI A., MARSILI L., MILAZZO C., **FAGGIO C.**, MANCUSI C., SPERONE E. (2023). Diet and plastic ingestion in the blackmouth catshark *Galeus melastomus*, Rafinesque 1810, in Italian waters. *Animals* 13, 1039.

JIJIE R., PADURARU E., SIMIONOV I.-A., **FAGGIO, C.**, CIOBICA A., NICOARA M. (2023). Effects of single and combined ciprofloxacin and lead treatments on zebrafish behavior, oxidative stress, and elements content. *International Journal of Molecular Sciences* 24, 4952.

PRADHOSHINI K.P., PRIYADHARSHINI M., SANTHANABHARATHI B., AHMED M.S., PARVEEN M.H.S., WAR M.U.D., MUSTHAFA M.S., ALAM L., FALCO F., **FAGGIO C***. (2023). Biological effects of ionizing radiations on Aquatic biota- A critical review. *Environmental Toxicology and Pharmacology* 99, 104091.

CAHOVA J., BLAHOVA J., PLHALOVA L., MARSALEK P., DOUBKOVA V., HOSTOVSKY M., DIVISOVA L., MARES J., **FAGGIO C.**, SVOBODOVA Z. (2023). Long-term exposure to polycyclic musk tonalide – a potential threat to juvenile zebrafish (*Danio rerio*)? *Applied Science* in press

BANAE M., BEITSAYAH A., PROKIĆ M.D., PETROVIĆ T.G., ZEIDI A., **FAGGIO C***. (2023). Effects of cadmium chloride and biofertilizer (Bacilar) on biochemical parameters of freshwater fish, *Alburnus mossulensi*. *Comparative Biochemistry and Physiology, Part C* 268, 109614.

BANAE M., SAGVAD S., SUREDA A., AMINII M., NEMATDOOST HAGHI B., SOPJANI M., **FAGGIO C***. (2023). Evaluation of single and combined effects of mancozeb and metalaxyl on the transcriptional and biochemical response of zebrafish (*Danio rerio*). *Comparative Biochemistry and Physiology, Part C* [268](#), 109597.

GHOLAMHOSSEINI A., BANAE M., SUREDA A., TIMAR N., ZEIDI A., **FAGGIO C.** (2023). Physiological response of freshwater crayfish, *Astacus leptodactylus* exposed to polyethylene microplastics at different temperature. *Comparative Biochemistry and Physiology, Part C* 267, 109581.

FILICE M., REINERO F.R., CERRA M.C., **FAGGIO C***, LEONETTI F.L., MICARELLI P., GIGLIO G., SPERONE E., BARCA D., IMBROGNO S. (2023). Contamination by trace elements and oxidative stress in the skeletal muscle of *Scyliorhinus canicula* from the central tyrrhenian sea. *Antioxidants* 12, 524.

KANNAN M., BOJAN N., SWAMINATHAN J., ZICARELLI G., HEMALATHA D., ZHANG Y., RAMESH M., **FAGGIO C.** (2023). Nanopesticides in agricultural pest management and their environmental risks: a review: *International Journal of Environmental Science and Technology* doi.org/10.1007/s13762-023-04795-y

AZADIKHAH D., YALSUYI M. A., SAHA S., SAHA C.N., **FAGGIO C***. (2023). Biochemical and pathophysiological responses in *Capoeta capoeta* under lethal and sub-lethal exposures of silver nanoparticles. *Water* 15(3), 585.

RAVI R., ATHISUYAMBULINGAM M., KANAGARAJ S., TRESNAKOVA N., IMPELLITTERI F., VISWAMBARAN G., **FAGGIO C***. (2023). Impact of chlorpyrifos on

cytopathological indices in Mangrove crab, *Episesarma tetragonum* (Fabricius). *Veterinary Science* 10, 53.

FALCO F., BONO G., CAMMARATA M., CAVALCA J., VAZZANA I., DARA M., SCANNELLA D., GUICCIARDI S., **FAGGIO C.***, SERGIO RAGONESE S. (2023). Stress related blood values in *Scylliorhinus canicula* as live-indicators of physiological status after bottom trawling capture activity. *Comparative Biochemistry and Physiology, Part B* 263, 110802

MARTYNIUK V., KHOMA V., MATSKIV T., YUNKO K., GNATYSHYNA L., STOLIAR O., **FAGGIO C.***. (2023). Combined effect of microplastic, salinomycin and heating on *Unio tumidus*. *Environmental Toxicology and Pharmacology* [98](#),104068

PAGANO M., FABRELLO J., MULTISANTI C.R, ZICARELLI G., CISCATO M., BOLDRIN F, GIACOBBE S., MATOZZO V., **FAGGIO C.***. (2023). A first insight into haemocytes of *Pinctada imbricata radiata*: a morpho-functional characterization. *Microscopy Research and Technique* 86: 368-377

TRESNAKOVA N., FAMULARI S., ZICARELLI G., IMPELLITTERI F., PAGANO M., PRESTI G., FILICE M., CAFERRO A., GULOTTA A., GUILIANO S., SANDOVA M., VAZZANA I., IMBROGNO S., CAPILLO G., SAVOCA S., VELISEK J., **FAGGIO C.***. (2023). Multi-characteristic toxicity of enantioselective chiral fungicide tebuconazole to a model organism Mediterranean mussel, *Mytilus galloprovincialis* Lamarck, 1819 (Bivalve: Mytilidae). *Science of The Total Environment* 862: 160874

SAHA S., DHARA K., CHUKWAKA A.V., PAL P., SAHA C.N., **FAGGIO C.***. (2023). Sub-lethal acute effects of environmental concentrations of inorganic mercury on hematological and biochemical parameters in walking catfish, *Clarias batrachus*. *Comparative Biochemistry and Physiology C Toxicology & Pharmacology* 264: 109511.

GROVER A., SINHA R., JYOTI D., **FAGGIO C.***. (2022). Imperative role of electron microscopy in toxicity assessment: A review. *Microscopy Research and Technique* 85(5):1976-1989

BANAE M., IMPELLITTERI F., EVAZ-ZADEH SAMANI H., PICCIONE G., **FAGGIO C.***. (2022). Dietary arthrospira platensis in rainbow trout (*Oncorhynchus mykiss*): a means to reduce threats caused by CdCl₂ exposure? *Toxics*, 10(12): 731

IMPELLITTERI F., CURPĂN A-S., PLĂVAN G., CIOBICA A., **FAGGIO C.***. (2022). Hemocytes: a useful tool for assessing the toxicity of microplastics, heavy metals, and pesticides on aquatic invertebrates. *International Journal of Environmental Research and Public Health*, 19(24):16830.

HODKOVICOVA N., HOLLEROVA A., SVOBODOVA Z., FALDYNA M., **FAGGIO C.***. (2022). Effects of plastic particles on aquatic invertebrates and fish – A review. *Environmental Toxicology and Pharmacology* 96: 104013.

D'IGLIO C., DI FRESCO D., SPANÒ N.C., ALBANO M., PANARELLO G., LAFACE F., **FAGGIO C.***, CAPILLO G., SAVOCA S. (2022). Occurrence of anthropogenic debris in three commercial shrimp species from south-western Ionian Sea. *Biology* 11: 1616.

SAVUCA A., NICOARA M.N., **FAGGIO C.*** (2022). Comprehensive review regarding the profile of the microplastic pollution in the Black Sea. *Sustainability* 14 (21): 14376.

BURGOS-ACEVES M.A., **FAGGIO C.**, BETANCOURT-LOZANOC M., GONZÁLEZ-MILLED D.J., ILIZALITURRI-HERNÁNDEZA C.A. (2022) Ecotoxicological perspectives

of microplastic pollution in amphibians. *Journal of Toxicology and Environmental Health, Part B* 25(8):405-421

MULTISANTI C.R., MEROLA C., PERUGINI M., ALIKO V., **FAGGIO C.*** (2022) Sentinel species selection for monitoring microplastic pollution: a review on One health approach. *Ecological Indicators* 145: 109587

SAHA S., DHARA K., PAL P., SAHA N.C., **FAGGIO C.***, CHUKWUKA A.V.(2022). Longer-Term adverse effects of selenate exposures on hematological and serum biochemical variables in air-breathing fish *Channa punctata* (Bloch, 1973) and non-air breathing fish *Ctenopharyngodon Idella* (Cuvier, 1844): an integrated biomarker response approach. *Biological Trace Element Research*, 200: (12).

FABRELLO J., PAGANO M., ARRIGO F., CISCATO M., BOLDRIN F., GIACOBBE S., PORCINO C., BRIGLIA M., GUERRERA M.C., GERMANÀ A., **FAGGIO C.**, MATOZZO V. (2022). Identification of haemocytes and histological examination of gills of the spiny oyster *Spondylus gaederopus* (Linnaeus, 1758). *Fish Shellfish Immunology*, 130:164-174.

ALIKO V., MULTISANTI C.R., TURANI B., **FAGGIO C.***. (2022). Get rid of marine pollution: bioremediation an innovative, attractive, and successful cleaning strategy. *Sustainability*, 14(18): 11784.

SAHA S., CHUKWUKA A., DHARA K., SAHA N., **FAGGIO C.*** (2022) Behavioral and physiological toxicity thresholds of a freshwater vertebrate (*Heteropneustes fossilis*) and invertebrate (*Branchiura sowerbyi*), exposed to zinc oxide nanoparticles (NZnO): a general unified threshold model of survival (GUTS). *Comparative Biochemistry and Physiology Part C Toxicology & Pharmacology* 262(1):109450.

LOMBARDO J., SOLOMANDO MARTÍ A., COHEN-SÁNCHEZ A., PINYA FERNÁNDEZ S., TEJADA S., FERRIOL P., MATEU-VICENS G., BOX A., **FAGGIO C*.**, SUREDA A. (2022). Effects of human activity on markers of oxidative stress in the intestine of *Holothuria tubulosa*, with special reference to the presence of microplastics. *International Journal of Molecular Sciences* 23: 9018.

BARATHINIVAS A., RAMYA, S., NEETHIRAJAN K., RAMARAJ J., POTHIRAJ C., PAULRAJ B., **FAGGIO C.*** (2022) Ecotoxicological effects of pesticides on hematological parameters and oxidative enzymes in freshwater catfish, *Mystus keletius*. *Sustainability* 14: 9529.

GARAI P., BANERJEE P., SHARMA P., MONDAL P., SAHA N., **FAGGIO C.*** (2022). Nitrate-induced toxicity and potential attenuation of behavioural and stress biomarkers in *Tubifex tubifex*. *International Journal of Environmental Research* 16: 63.

PORRETTI M., ARRIGO F., DI BELLA G., **FAGGIO C.*** (2022). Impact of pharmaceutical products on zebrafish: an effective tool to assess aquatic pollution. *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology*. 261: 109439.

ELABD H., ELDESOKY H., MAHBOUB H., SALEM S., HUSSEINY W., KHALID A., ELDESOUKY H., **FAGGIO C.*** (2022). Growth, hemato-biochemical, immune-antioxidant response, and gene expression in Nile tilapia (*Oreochromis niloticus*) received nano iron oxide-incorporated diets. *Fish and Shellfish Immunology*, 128: 574-581

ALIKO V., GOGA BEQIRAJ E., QIRJO M CANI M., RAMA A., BEGO K., REKA A., **FAGGIO C.*** (2022). Plastic invasion tolling: first evaluation of microplastics in water and two crab species from the nature reserve lagoony complex of Kune-vain, Albania. *Science of the Total Environment* 849: 157799.

BANI L., ORIOLI V., GIACCHINI R., PARENTI P., DONDINA O., PROKIĆ M., **FAGGIO C.**, CAMPLI G. (2022). Can antioxidant responses be induced by habitat fragmentation process? *Oikos*, e09292.

ELABD H., **FAGGIO C.***, MAHBOUB H.H., EMAM M.A., KAMEL S., EL KAMMAR R., ABDELANAEIM N.S., SHAHEEN A., TRESNAKOVA N., MATTER A. (2022). *Mucuna pruriens* seeds extract boosts growth, immunity, testicular histology, and expression of immune-related genes of mono-sex Nile tilapia (*Oreochromis niloticus*). *Fish & Shellfish Immunology* 127: 672-680.

ILIE O.D., DUTA R., JIJIE R., NITA I.B., NICOARA M., **FAGGIO C.***, DOBRIN R., MAVROUDIS I., CIOBICA A., DOROFTEI B. (2022). Assessing anti-social and aggressive behavior in a zebrafish (*Danio rerio*) model of Parkinson's disease chronically exposed to rotenone. *Brain Science* 12(7): 898.

JYOTI D., SINHA R., **FAGGIO C.*** (2022). Advances in biological methods for the sequestration of heavy metals from water bodies: a review. *Environmental Toxicology and Pharmacology* 94: 103927.

PAGANO M., SAVOCA S., IMPELLITTERI F., ALBANO M., CAPILLO G., **FAGGIO C.*** (2022). Toxicological evaluation of acetylsalicylic acid on non-target organisms: chronic exposure on *Mytilus galloprovincialis* (Lamarck, 1819). *Frontiers in Physiology* 13:920952.

BANAE M., SUREDA A., **FAGGIO C.*** (2022). Protective effect of protexin concentrate in reducing the toxicity of chlorpyrifos in common carp (*Cyprinus carpio*). *Environmental Toxicology and Pharmacology* 94:103918

TRESNAKOVA N., KUBEC, J., STARA A., ZUSKOVA, E., **FAGGIO C.***, KOUBA A., VELISEK J. (2022). Chronic toxicity of primary metabolites of chloroacetamide and glyphosate to early life stages of marbled crayfish *Procambarus virginalis*. *Biology*, 11.6: 927.

ZICARELLI G., MULTISANTI C.R., FALCO F., **FAGGIO C.*** (2022). Evaluation of toxicity of personal care products (PCPs) in freshwaters: zebrafish as a model. *Environmental Toxicology and Pharmacology*, 94: 103923.

CARLETTO D., FURTADO F., ZHANG J., ASIMAKOPOULOS A.G., EGGEN M., VERSTEGE G. C., **FAGGIO C.**, MOTA V.C., LAZADO C.C. (2022). Mode of application of peracetic acid-based disinfectants has a minimal influence on the antioxidant defences and mucosal structures of Atlantic salmon (*Salmo salar*) Parr. *Frontiers in Physiology* 13: 900593

MUKHERJEE D., SAHA S, CHUKWUKA A.V., GHOSH B., DHARA K., SAHA N.C., PAL P., **FAGGIO C.***. (2022). Antioxidant enzyme activity and pathophysiological responses in the freshwater walking catfish, *Clarias batrachus* Linn under sub-chronic and chronic exposures to the neonicotinoid, Thiamethoxam®. *Science of the Total Environment*, 836: 155716.

VIJAYANA S., MAHBOUB H.H., UMADEVIA G., KUMARD C.S., AL-ONAZIE W., AL-MOHAMEEDE A.M., CHEN T.W., **FAGGIO C.**, BALAJI P.(2022). Enhanced photo degradation of methylene blue from aqueous solution using Al doped ZnS nanoparticles. *Environmental Science and Pollution Research*, 29(48):73528-73541.

VALI S., MAJIDIYAN N., AZADIKHAH D., VARCHEH M., TRESNAKOVA N., **FAGGIO C.*** (2022). Effects of Diazinon on the survival, blood parameters, gills, and liver of Grass Carp (*Ctenopharyngodon idella* Valenciennes, 1844; Teleostei: Cyprinidae). *Water* 14: 1357.

MAHBOUB H.H., **FAGGIO C.**, HENDAM B.M., ATTIA ALGHARIB S., ALKAFIFY M.,

ABOHASHEM M., MAHMOUD Y.K., KHAMIS T., ABDEL-GHANY HY.M., MASOUD S.R., ABDEL RAHMAN A.N. (2022). Immune-antioxidant trait, *Aeromonas veronii* resistance, growth, intestinal architecture, and splenic cytokines expression of *Cyprinus carpio* fed *Prunus armeniaca* kernel- enriched diets. *Fish and Shellfish Immunology* 124: 182–191.

LUMSANGKUL C., VU LINH N., CHAIWAN F., ABDEL-TAWWAB M., DAWOOD M.A.O., **FAGGIO C.**, SANCHAI JATURASITHA S., VAN DOAN H. (2022). Dietary treatment of Nile tilapia (*Oreochromis niloticus*) with aquatic fern (*Azolla caroliniana*) improves growth performance, immunological response, and disease resistance against *Streptococcus agalactiae* cultured in bio-flocsystem. *Aquaculture Reports* 24:101114.

SHAHJAHAN Md., KHANAM T., RAHMAN M.S., AL-EMRANM D., ALAM S.I., ISLAM SM.M., **FAGGIO C.** (2022). Effects of heavy metals on fish physiology– a review. *Chemosphere* 300: 134519.

KUMARASAMY P., SASIPRIYA M., GANAPIRIYA V., MUTHUKUMARAVEL K., RADHOSHINI P.K., AHMED M.S., MUSTHAFA M.S., **FAGGIO C.*** (2022). Internal anatomy and ultrastructure of the male reproductive organization of the Sesamid crab (1798) – (Decapoda: Brachyura). *Acta Zoologica* 1-9

ARCHUNAN S, ATHISUYAMBULINGAM M, PRADHOSHINI K.M., YELAPPU N., VISWAMBARAN G., KANNAYIRAM M., PRIYADHARSHINI M., MUSTHAFA M.S., **FAGGIO C.***(2022). Cytopathological and ultrastructural changes in the male reproductive organs of fresh water crab, *Paratelphusa jacquemontii* (Rathbun) exposed to nurocombi. *Microscopy Research and Technique* 85:1355–1362.

PIRALI KHEIRABADI E., SHEKARABI P., YADOLLAHI F, SOLTANI M., NAJAFI E., VON HELLENS J., LUNA FLORES C., SALEHI K., **FAGGIO C.** (2022). Red yeast (*Phaffia rhodozyma*) and its effect on growth, antioxidant activity and color pigmentation of rainbow trout (*Oncorhynchus mykiss*). *Aquaculture Reports* 23: 101082.

MEROLA C., FABRELLO J., MATOZZO V., **FAGGIO C.***, IANNETTA A., TINELLI A., CRESCENZO G., AMORENA M., PERUGINI M. (2022). Dinitroaniline herbicide pendimethalin affects development and induces biochemical and histological alterations in zebrafish early-life stages. *Science of the Total Environment* 828: 154414.

HASHEM G., SHAHIN K., ELSHOPAKEY G.E., MAHBOUB H.H., FAHIM A., ELABD H., PROKIĆ M.D., **FAGGIO C.***. (2022). The dietary effects of nutmeg (*Myristica fragrans*) extract on growth, hematological parameters, immunity, antioxidant status, and disease resistance of common carp (*Cyprinus carpio*) against *Aeromonas hydrophila*. *Journal of Marine Science and Engineering* 10: 325.

da SILVA LIEBL A.R., CAO M.A., dos SANTOS NASCIMENTO M., CASTRO P.D.S., DUNCAN W.L.P., PANTOJA-LIMA J., ARIDE P.H.R., BUSSONS M.R.F.M., FURUYA W.M., **FAGGIO C.***, de OLIVEIRA A.T. (2022). Dietary lysine requirements of *Collossoma macropomum* (Cuvier, 1818) based on growth performance, hepatic and intestinal morphohistology and hematology. *Veterinary Research Communications* 46 (1): 9 -25.

CURPAN A.S., IMPELLITTERI F., GABRIEL PLAVAN G., CIOBICA A., **FAGGIO C.*** (2022). *Mytilus galloprovincialis*: an essential, low-cost model organism for the impact of xenobiotics on oxidative stress and public health. *Comparative Biochemistry and Physiology, Part C* 256: 109302.

VALI S., MAJIDIYAN N., YALSUYI A.M., VAJARGAH M.F., PROKIC M., **FAGGIO C.*** (2022). Ecotoxicological effects of silver nanoparticles (Ag-nps) on parturition time,

survival rate, reproductive success and blood parameters of adult common molly (*Poecilia sphenops*) and their larvae. *Water* 14 (2): 144.

JEYARAJ J., ASHOKKUMAR S., JEYACHANDRAN S., DIVYA M., ELUMALAI P., BASKARALINGAM V., **FAGGIO C.** (2022). Phytotherapy and combined nanoformulations as a promising disease management in aquaculture: a review. *Aquaculture International* 30 (2): 1071-1086.

PREMA P., SULAIKAL BEEVI I., BEENA SOMANATH B., RAMESH KUMAR K., BALAJI P., **FAGGIO C***. (2023). Impact of *Camellia sinensis* iron oxide nanoparticle on growth, hemato- biochemical and antioxidant capacity of blue gourami (*Trichogaster trichopterus*) fingerlings. *Biological Trace Element Research* 201(1):412-424

MIRBAKHSH M., GHAEDNIA B., ZORRIEHZAHRA M.J., ESMAEILI F., **FAGGIO C.** (2022). Dietary mixed and sprayed probiotic improves growth performance and digestive enzymes of juvenile whiteleg shrimp (*Litopenaeus vannamei*, Boone, 1931). *Journal of Applied Aquaculture* 1-14

ABDEL-LATIF H.M.R., DAWOOD M.A.O., ALAGAWANY M., **FAGGIO C.**, NOWOSAD J., KUCHARCZYK D. (2022). Health benefits and potential applications of fucoidan (FCD) extracted from brown seaweeds in Aquaculture: An updated review. *Fish and Shellfish Immunology* 122: 115 – 130.

DAR O.I., ASLAM R., SHARMA S., KAURA A., JIA A, **FAGGIO C***. (2022). Biomolecular alterations in the early life stages of four food fishes following acute exposure of Triclosan. *Environmental Toxicology and Pharmacology* 91: 103820.

HASHEM G., MAHBOUB H.H., MOUSTAFA S.M., FAHIM A., PROKIĆ M.D., BOLDAJI J.T., RAINIS S., **FAGGIO C***. (2022). Mooseer (*Allium hirtifolium*) boosts growth, general health status, and resistance of rainbow trout (*Oncorhynchus mykiss*) against *Streptococcus iniae* infection. *Fish and Shellfish Immunology* 120 360–368.

DAR O.I., ASLAM R., PAN D., SHARMA S., ANDOTRA M., KAUR A., JIA A, **FAGGIO C.*** (2022). Source, bioaccumulation, degradability and toxicity of triclosan in aquatic environments: a review. *Environmental Technology & Innovation* 25: 102122.

DHARA K., SAHA S., CHUKWUKA A.V., SAHA N.C., **FAGGIO C.*** (2021). Effects of short- term selenium exposure on respiratory activity and proximate body composition of early-life stages of *Catla catla*, *Labeo rohita* and *Cirrhinus mrigala*. *Environmental Toxicology and Pharmacology*; 90: 103805.

DHARA K., SAHA S., CHUKWUKA A.V., PAL P., SAHA N.C., **FAGGIO C.** (2021). Fluoride sensitivity in freshwater snail, *Bellamya bengalensis* (Lamarck, 1882): An integrative biomarker response assessment of behavioral indices, oxygen consumption, haemocyte and tissue protein levels under environmentally relevant exposure concentrations. *Environmental Toxicology and Pharmacology* 89: 103789.

PADURARU E., FLOCEA E.I., LAZADO C., SIMIONOV I.A., NICOARA M., CIOBICA A., **FAGGIO C.***, JIJIE R. (2021). Vitamin C mitigates oxidative stress and behavioral impairments induced by deltamethrin and lead toxicity in zebrafish. *International Journal of Molecular Sciences* 22: 12714.

SAHA S., CHUKWUKA A.V., MUKHERJEE D., PATNAIK L., NAYAK S., DHARA K., SAHA N.C, **FAGGIO C.*** (2021). Chronic effects of diazinon® exposures using integrated biomarker responses in freshwater walking catfish, *Clarias batrachus*. *Applied Science* 11(22): 10902.

SHARMA S., DAR O.I., ANDOTRA M., SHARMA S., KAUR A., **FAGGIO C.***(2021). Environmentally relevant concentrations of triclosan induce cyto-genotoxicity and biochemical alterations in the hatchlings of *Labeo rohita*. *Applied Science* 11: 10478.

KUMAR J., PRIYADHARSHINI M., MADHAVI M., BEGUM S., JAWAHAR ALI A., MUSTHAF A M.S., **FAGGIO C.*** (2022). Impact of *Hygrophila auriculata* supplementary diets on the growth, survival, biochemical and haematological parameters in fingerlings of freshwater fish *Cirrhinus mrigala* (Hamilton, 1822). *Comparative Biochemistry and Physiology, Part A* 263: 111097.

BLAHOVA J., DOUBKOVA V., PLHALOVA L., LAKDAWALA P., MEDKOVA D., VECEREK V., SVOBODOVA Z., **FAGGIO C.*** (2021). Embryotoxicity of selective serotonin reuptake inhibitors – comparative sensitivity of zebrafish (*Danio rerio*) and African clawed frog (*Xenopus laevis*) embryos. *Applied Science* 11, 10015.

YALSUYI A.M., FOROUHAR VAJARGAH M., HAIJMORADLOO A., GALANGASH M.M., PROKIĆ M.D., **FAGGIO C.*** (2021). Can Betadine (10% povidone-iodine solution act on the survival rate and gill tissue structure of Oranda goldfish (*Carassius auratus*). *Veterinary Research Communications* 46: 389–396.

BURGOS ACEVES M.A., MIGLIACCIO V., LEPRETTI M., PAOLELLA G., DI GREGORIO I., PENNA S., **FAGGIO C.**, LIONETTI L. (2021). Dose-dependent response to the environmental pollutant dichlorodiphenylethylene (DDE) in HepG2 cells: focus on cell viability and mitochondrial fusion/fission proteins. *Toxics* 9 (11): 270.

YALSUYI A.M., FOROUHAR VAJARGAH M., HAIJMORADLOO A., GALANGASH M.M., PROKIĆ M.D., **FAGGIO C.*** (2021). Evaluation of behavioral changes and tissue damages of common carp (*Cyprinus carpio*) after exposure to herbicide-glyphosate. *Veterinary Science* 8: 218.

DAILIANIS S., CHARALAMPOUS N., GIOKAS S., VLASTOS D., EFTHIMIOU I., DORMOUSOGLOU M., COCILOVO C., **FAGGIO C.**, SHEHU A., SHEHU J., LYBERATOS G., NTAIKO I. (2021). Chemical and biological tracking in decentralized sanitation systems: the case of artificial constructed wetlands. *Journal of Environmental Management* 300: 113799.

ELUMALAIA P., KURIAN A., LAKSHMI S., MUSTHAF A M.S., RINGO E., **FAGGIO C.** (2022). Dietary supplementation of *Leucas aspera* improves immune function, gene expression and resistance against *Aeromonas hydrophila* in Nile tilapia, *Oreochromis niloticus*. *Turkish Journal of Fisheries and Aquatic Sciences* 22 (2) TRJFAS19802.

GAVRIĆ J.P., DESPOTOVIĆ S.G., GAVRILOVIĆ B.R., RADOVANOVIĆ T.B., PETROVIĆ G., AJDUKOVIĆ M., VUČIĆ T., CVIJANOVIĆ M., **FAGGIO C.***, PROKIC M. (2021). Oxidative Stress Parameters in Goitrogen-Exposed Crested Newt Larvae (*Triturus* spp.): Arrested Metamorphosis. *International Journal of Environmental Research and Public Health* 18: 9653.

SHARMA S., IQBAL DAR O., SINGH K., KAUR A., **FAGGIO C.** (2021). Triclosan elicited biochemical and transcriptomic alterations in *Labeo rohita* larvae, *Environmental Toxicology and Pharmacology* 88: 103748.

DHARA K., SAHA S., PANIGRAHI A.K., SAHA N.C., **FAGGIO C.*** (2021). Biochemical, physiological (haematological, oxygen-consumption rate) and behavioural effects of mercury exposures on the Freshwater Snail, *Bellamya bengalensis*. *Comparative Biochemistry and Physiology, Part C* 251: 109195.

PETROVIC T.G., GAVRILOVIĆ B.R., RADOVANOVIĆ T.B., DESPOTOVIĆ S.G., GAVRIĆJ.P., KIJANOVIĆ A., MIRC M., KOLAROV TOMAŠEVIĆ N., **FAGGIO C.***, PROKIC M. (2021). Impact of desiccation pre-exposure on deltamethrin-induced oxidative stress in *Bombina variegata juveniles*. *Comparative Biochemistry and Physiology, Part C* 250: 109191.

SHARMA R., JINDAL R., **FAGGIO C*** (2021). Impact of cypermethrin in nephrocytes of freshwater fish *Catla catla*. *Environmental toxicology and pharmacology* 88, 103739.

MAHADEVAN G., POULADI M., STARA A., **FAGGIO C.*** (2021) Nutritional evaluation of elongate mudskipper *Pseudapocryptes elongatus* (Cuvier, 1816) from Diamond Harbor, West Bengal, India. *Natural Product Research* 35 (16):2715–2721.

ARIDE P.H.R., GOMES M.F.S., AZEVEDOD G., SANGALI G.R., SILVA A.C.F., LAVANDERH.D., SOUZA A.B., POLESE M.F., MATTOS D.C., BASSUL L.A., CARDOSO L.D., OLIVEIRA A.T., **FAGGIO C.***(2021). Dusky grouper *Epinephelus marginatus* growth and survival whenexposed to different photoperiods. *Fishes* 6(3): 31.

CAHOVA J., BLAHOVA J., PLHALOVA L., SVOBODOVA Z., **FAGGIO C.*** (2021). Do single- component and mixtures selected organic UV filters induce embryotoxic effects in zebrafish (*Danio rerio*)? *Water* 13: 2203.

GOPI N., REKHAA R., VIJAYAKUMARA S., LIU G., MONSERRAT J.M., **FAGGIO C.**, NORE S.A.M., VASEEHARAN B. (2021). Interactive effects of freshwater acidification and selenium pollution on biochemical changes and neurotoxicity in *Oreochromis mossambicus*. *Comparative Biochemistry and Physiology, Part C* 250: 109161.

STARA A., PAGANO M., ALBANO M., SAVOCA S., DI BELLA G., ALBERGAMO A., ZUSKOVA E., SANDOVA M., VELISEK J., FABRELLO J., MATOZZO V., **FAGGIO C.*** (2021). Effects of long-term exposure of *Mytilus galloprovincialis* to thiaclopid: A multibiomarker approach. *Environmental Pollution* 289:117892.

FOROUHAR VAJARGAH M., NAMIN J.I., MOHSENPOUR R., YALSUYI A.M., PROKIĆ M.D., **FAGGIO C.*** (2021). Histological effects of sublethal concentrations of insecticide lindane on intestinal tissue of Grass carp (*Ctenopharyngodon idella*). *Veterinary Research Communications* 45(4):373-380

ARUNACHALAM K.D., KURUVA J.K., PRADHOSHINI K., MUSTHAF A M.S., **FAGGIO C.*** (2021). Antioxidant and antigenotoxic potential of *Morinda tinctoria* Roxb. leaf extract succeeding cadmium exposure in Asian cat fish, *Pangasius sutchi*. *Comparative Biochemistry and Physiology, Part C* 249:109149.

FREITAS R., COPPOLA F., MEUCCI V., BATTAGLIA F., SOARES A.M.V.M, PRETTI C., **FAGGIO C.** (2021). The influence of salinity on sodium lauryl sulfate toxicity in *Mytilus galloprovincialis* *Environmental Toxicology and Pharmacology. Environmental Toxicology and Pharmacology* 87: 103715.

AFSHARI E., ZORRIEHZAHRA M.J., AZARI TAKAMI G.H., KAKOOLAKI SH., MOTALLEBIA.A., SHARIFPOUR I., **FAGGIO C.**, PERITORE F. A., DI PAOLA, D (2021). An investigation on protective effects of the new killed vaccine against Nervous Necrosis Virus (NNV) using histopathology and immunohistochemistry approach on the brain and eye tissues of *Acipenser stellatus* Pallas 1771. *Fish and Shellfish Immunology* 116 (2021) 91–97.

SHIRY N., DERAKHSHESH N., GHOLAMHOSSEINI A., POULADI M., **FAGGIO C.*** (2021). Heavy Metal Concentrations in *Cynoglossus arel* (Bloch & Schneider, 1801) and sediment in the Chabahar Bay, Iran. *International Journal of Environmental Research* 15: 773–

BUSSONS I.N.B., DA SILVA SOUZA E., ARIDE P.H.R, PAXIÚBA DUNCAN W.L., PANTOJA-LIMA J., FURUYA M. W., OLIVEIRA A. T., BUSSONS M.R.F.M., **FAGGIO C.*** (2021). Growth performance and hematological responses of *Colossoma macropomum* (Cuvier, 1818) fed graded levels of glycerol. *Comparative Biochemistry and Physiology, Part C* 249: 109122.

JIJIE R., MIHALACHE G., BALMUS I.M., STRUNGARU S.A., BALTAG E.S., CIOBICA A., NICOARA M., **FAGGIO C.*** (2021). Zebrafish as a screening model to study the single and joint effects of antibiotics pharmaceuticals 14: 578.

SHARMA R., JINDAL R., **FAGGIO C.*** (2021). *Cassia fistula* ameliorates chronic toxicity of cypermethrin in *Catla catla*. *Comparative Biochemistry and Physiology, Part C* 248: 109113.

STRUNGARU S.A., POHONTIU C.M., NICOARA M., TEODOSIU C., BALTAG E.S., JIJIE R., PLAVAN G., PACIOGLUG O., **FAGGIO C.*** (2021). Response of aquatic macroinvertebrates communities to multiple anthropogenic stressors in a lowland tributary river. *Environmental Toxicology and Pharmacology* 16: 103687.

GARCIA R.C.P., CRAVEIRO C.F.F., BERNABÉ C.V., DA SILVA M.A., ARIDE P.H.R., OLIVEIRA A.T., GONÇALVES F.R.S.C., NETO J.S., LAVANDER H.D., **FAGGIO C.*** (2021). Gonadal development of females of the white shrimp *Penaeus schmitti* (Burkenroad, 1936) caught insoutheastern Brazil. *Journal of Marine Science and Engineering* 9: 653.

BURGOS ACEVES M.A., ABO-AL-ELA H.G., **FAGGIO C.*** (2021) Impact of phthalates and bisphenols plasticizers on haemocyte immune function of aquatic invertebrates: A review on physiological, biochemical, and genomic aspects *Journal of Hazardous Materials* 419(1):126426.

MEROLA C., BISEGNA A., ANGELOZZI G., CONTE A., ABETE M.C., STELLA C., PEDERIVA S., **FAGGIO C.***, RIGANELLI N., PERUGINI M. (2021). Study of heavy metals pollution and vitellogenin levels in brown trout (*Salmo trutta trutta*) wild fish populations. *Applied Sciences* 11(11): 4965.

BURGOS ACEVES M.A., MIGLIACCIO V., LEPRETTI M., PAOLELLA G., DI GREGORIO I., PENNA S., **FAGGIO C.**, LIONETTI L. (2021). 1,1,1-trichloro-2,2-bis (p-chlorophenyl)-ethane (DDT) and 1,1-Dichloro-2,2-bis (p, p'-chlorophenyl) ethylene (DDE) as endocrine disruptors in human and wildlife: a possible implication of mitochondria. *Environmental Toxicology and Pharmacology* 87: 103684.

MORSHEDI V., BOJARSKI B., HAMED I. S., TORAHI H., HASHEM G., **FAGGIO C.*** (2021). Effects of dietary bovine lactoferrin on growth performance and immuno-physiological responses of Asian sea bass (*Lates calcarifer*) fingerlings. *Probiotics and Antimicrobial Proteins* 13(6):1790-1797.

ALIMBA C.G., **FAGGIO C.**, SIVANESAN S., OGUNKANMI A.L., KANNAN KRISHNAMURTHI K. (2021) Micro(nano)-plastics in the environment and risk of carcinogenesis:insight intopossible1mechanisms. *Journal of Hazardous Materials* 416: 126143.

AMEL JEBARA A., LO TURCO V., **FAGGIO C.**, LICATA P., NAVA V., POTORTI A.G., CRUPI R., MANSOUR H.B., DI BELLA G. (2021) Monitoring of environmental mercury occurrence in Tunisian coastal areas. *International Journal of Environmental Research and Public Health* 8: 5202.

FOROUHAR VAJARGAH M., MOHSENPOUR R., YALSUYI A.M., GALANGASH

M.M., **FAGGIO C.*** (2021). Evaluation of histopathological effect of Roach (*Rutilus rutilus*) in exposure to sub-lethal concentrations of Abamectin. *Water, Air, & Soil Pollution* 232: 188

SINHA R., JINDAL R., **FAGGIO C.***(2021) Protective effect of *Embllica officinalis* in *Cyprinus carpio* against hepatotoxicity induced by Malachite Green: ultrastructural and molecular analysis. *Applied Science* 11(8): 3507.

PETROVIC T.G., KIJANOVIĆ A., KOLAROV TOMAŠEVIĆ N., GAVRIĆ J.P., DESPOTOVIĆ S.G., GAVRILOVIĆ B.R., RADOVANOVIĆ T.B., VUKOV T., **FAGGIO C.***, PROKIĆ M. (2021). Effects of desiccation on metamorphic climax in *Bombina variegata*: changes in levels and patterns of oxidative stress parameters. *Animals* 11(4): 953.

YALSUYI A.M., HAJIMORADLOO A., GHORBANI R., JAFARI V., PROKIĆ M., **FAGGIO C.***. (2021). Behavior evaluation of Rainbow trout (*Oncorhynchus mykiss*) following temperature and ammonia alterations. *Environmental Toxicology and Pharmacology* 86: 103648.

RASHIDIAN G., LAZADO C., MAHBOUB H.H., MOHAMMADI-ALOUICHEH R., PROKIĆ M., NADA H.S., **FAGGIO C.*** (2021). Chemically and green synthesized ZnO nanoparticles alter key immunological molecules in common carp (*Cyprinus carpio*) skin mucus. *International Journal of Molecular Sciences* 22(6), 3270.

SINHA R., JINDAL R., **FAGGIO C.*** (2021). Nephroprotective effect of *Embllica officinalis* fruit extract against Malachite Green toxicity in piscine model: ultrastructure and oxidative stress study. *Microscopy Research and Technique* 84(8):1911-1919.

PROKIĆ M.D., GAVRILOVIĆ B.R., RADOVANOVIĆ T.B., GAVRIĆ J.P., PETROVIĆ T.G., DESPOTOVIĆ S.G., **FAGGIO C.*** (2021) Studying microplastics: lessons from animal model organisms and experimental approaches. *Journal of Hazardous Materials* 414: 125476.

ALIKO V., SUBASHI R., PAGANO M., **FAGGIO C.*** (2021). Double-edged Sword: fluoxetine and ibuprofen as development jeopardizers and apoptosis's inducers in common toad, *Bufo bufo*, Tadpoles. *Science of the Total Environment* 776: 145945.

FARIA M., PRATS E., RAMÍREZ J.R.R., BELLOT M., PAGANO M., VALLS A., GOMEZ-CANELA C., PORTA JM, MESTRES J., GARCIA-REYERO N., **FAGGIO C.**, GÓMEZ OLIVÁN LM, RALDUA D. (2021). Androgenic activation, impairment of the monoaminergic system and altered behavior in zebrafish larvae exposed to environmental concentrations of fenitrothion. *Science of the Total Environment* 775: 145671.

RASHIDIAN G., BOLDAJI J.T., RAINIS S., PROKIĆ M.D., **FAGGIO C.*** (2021) Oregano (*Origanum vulgare*) extract enhances zebrafish (*Danio rerio*) growth performance, serum and mucus innate immune responses and resistance against *Aeromonas hydrophila* challenge. *Animals* 11(2): 299.

HARIKRISHNAN R, DEVI G, BALASUNDARAM C, VAN DOAN H, JATURASITHA S, RINGØ E, **FAGGIO C.** (2021). Effect of chrysophanic acid on immune response and immune genes transcriptomic profile in *Catla catla* against *Aeromonas hydrophila*. *Science Report* 11(1):612.

KURIANA A., LAKSHMIA S., FAWOLEB F.J., **FAGGIO C.**, ELUMALAI P. (2021). Combined effects of *Leucas aspera*, Oxy-cyclodextrin and Bentonite on the growth, serum biochemistry, and the expression of immune-related gene in Nile tilapia (*Oreochromis niloticus*). *Turkish Journal of Fisheries and Aquatic Sciences* 21(3):47-158.

HAMED H., ISMAL S., **FAGGIO C.*** (2021). Effect of allicin on antioxidant defense system, aftercarbofuran exposure in Nile tilapia, *Oreochromis niloticus*, Comparative Biochemistry and Physiology, Part C 240: 108919.

ABO-AL-ELA H.G., **FAGGIO C.** (2021). MicroRNA-mediated stress response in bivalve species. Ecotoxicology and Environmental Safety 208:111442.

BURGOS ACEVES M.A., ABO-AL-ELA H.G., **FAGGIO C.*** (2021). Physiological and metabolic approach of plastic additives effects: Immune cells responses. Journal of Hazardous Materials 404(PtA):124114.

HODKOVICOVA N., ENEVOVA V., CAHOVA J., BLAHOVA J., SIROKA Z., PLHALOVA L., DOUBKOVA V., MARSALEK P., FRANC A., FIORINO E., **FAGGIO C.**, TICHY F., FALDYNA M., SVOBODOVA Z. (2020). Could the musk compound tonalide affect physiological functions and act as an endocrine disruptor in rainbow trout? Physiol Res: 69 (Suppl 4): S595-S606.

PAGANO M., STARA A., ALIKO V., **FAGGIO C.*** (2020). Impact of neonicotinoids to aquatic invertebrates—in vitro studies on *Mytilus galloprovincialis*: a review. Journal of Marine Science and Engineering 8: 801.

SULA E., ALIKO V., BARCELÓ D., **FAGGIO C.** (2020). Combined effects of moderate hypoxia, pesticide and PCBs upon crucian carp fish, *Carassius carassius*, from a freshwater lake—in situ ecophysiological approach. Aquatic Toxicology 228:105644.

VAZIRZADEH A., MARHAMATI A., RABIEE R., **FAGGIO C.** (2020). Immunomodulation, antioxidant enhancement and immune genes up-regulation in rainbow trout (*Oncorhynchus mykiss*) fed on seaweeds included diets. Fish and Shellfish Immunology 106: 852–858.

SULA E., ALIKO V., MARKU E., NURO A., **FAGGIO C.** (2020) Evaluation of kidney histopathological alterations in crucian carp, *Carassius carassius*, from a pesticide and PCB- contaminated freshwater ecosystem, using light microscopy and organ index mathematical model. International Journal of Aquatic Biology 8(3): 154-165.

STARA A., PAGANO M., CAPILLO G., FABRELLO J., SANDOVA M., ALBANO M., ZUSKOVA E., VELISEK J., MATOZZO V., **FAGGIO C.***. (2020). Acute effects of neonicotinoid insecticides on *Mytilus galloprovincialis*: a case study with the active compound thiacloprid and the commercial formulation Calypso 480 S. Ecotoxicology and Environmental Safety 203: 110980.

ELUMALAIA P., KURIAN A., LAKSHMI S., **FAGGIO C.**, ESTEBAN M.A., RINGO E. (2020). Herbal immunomodulators in aquaculture. Reviews in Fisheries Science & Aquaculture 29 (1) 33-57.

MOHSENPOUR R., SABET SH, HEDAYATI A., REZAEI A., YALSUYI AM., **FAGGIO C.*** (2020). In vitro effects of silver nanoparticles on gills morphology of female Guppy (*Poecilia reticulata*) after a short-term exposure Microscopy Research and Technique 83(12):1552-1557.

SCHIRINZI G. F., PEDÀ C., BATTAGLIA P., LAFACE F., GALLI M., BAINI M., CONSOLI P., SCOTTI G., ESPOSITO V., **FAGGIO C.**, FARRÉ M., BARCELÒ D., FOSSI M. C., ANDALORO F., ROMEO T. (2020). A new digestion approach for the extraction of microplastics from gastrointestinal tracts (GITs) of the common dolphinfish (*Coryphaena hippurus*) from the western Mediterranean Sea. Journal of Hazardous Materials 397:122794.

LIEW H.J., PELLE A., CHIARELLA D., **FAGGIO C.**, TANG CH., BLUST R., DE BOECK G. (2020). Common carp, *Cyprinus carpio*, prefer branchial ionoregulation at high feeding rates and kidney ionoregulation when food supply is limited: additional effects of cortisol and exercise. *Fish Physiology and Biochemistry* 46(1):451-469.

GHARAEI A., KARIMI M., MIRDAR HARIJANI J., MIRI M., **FAGGIO C.** (2020). Population growth of *Brachionus calyciflorus* affected by deltamethrin and imidacloprid insecticides. *Iranian Journal of Fisheries Sciences* 19 (2): 588-601

PETROVIĆ T.G., VUČIĆ T.Z., NIKOLIĆ S.Z., GAVRIĆ J.P., DESPOTOVIĆ S.G., GAVRILOVIĆ B.R., RADOVANOVIĆ T.B., **FAGGIO C.***, PROKIC M. (2020). The effect of shelter on oxidativestress and aggressive behavior in crested newts larvae (*Triturus sp.*). *Animals* 10(4): 603

PLHALOVA L., SEHONOVA P., BLAHOVA J., DOUBKOVA V., TICHY F., **FAGGIO C*.**, BERANKOVA P., SVOBODOVA Z. (2020). Evaluation of tramadol hydrochloride toxicity to juvenile zebrafish—morphological, antioxidant and histological responses. *Applied Science* 10(7): 2349

QYLI M., ALIKO V., **FAGGIO C.** (2020). Physiological and biochemical responses of mediterranean green crab, *Carcinus aestuarii*, to different environmental stressors: evaluation of haemocyte toxicity and its possible effects on immune response. *Comparative Biochemistry and Physiology, Part C* 231:108739

TURANI B., ALIKO V., **FAGGIO C.** (2020). Allurin and egg jelly coat impact on in-vitro fertilization success of endangered albanian water frog, *Pelophylax Shqipericus*. *Natural Product Research* 34 (6): 830–837

BLAHOVA J., COCILOVO C., LUCIE PLHALOVA L. SVOBODOVA Z. **FAGGIO C.*** (2020). Embryotoxicity of atrazine and its degradation products to early life stages of zebrafish (*Danio rerio*). *Environmental Toxicology and Pharmacology* 77: 103370

HOSSEIN HOSEINIFAR S., SHAKOURI M., YOUSEFI S., VAN DOAN H., SHAFIEI S., YOUSEFI M., MAZANDARANI M., TORFI MOZANZADE M., TULINO M.G., **FAGGIO C.** (2020). Humoral and skin mucosal immune parameters, intestinal immune related genes and antioxidant defense of rainbow trout (*Oncorhynchus mykiss*) fed dietary olive (*Olea europea L.*) waste. *Fish and Shellfish Immunology* 100: 171-178

FREITAS R., SILVESTRO S., PAGANO M.; COPPOLA F., MEUCCI V., BATTAGLIA F., INTORRE L., SOARES A. M.V.M, PRETTI C., **FAGGIO C*.** (2020). Impacts of salicylic acid in *Mytilus galloprovincialis* exposed to warming conditions. *Environmental Toxicology and Pharmacology* 80: 103448

HAJAM M.E., PLAVAN G.I., KANDRI N.I., DUMITRU G., NICOARA M.N., ZEROUALE A., **FAGGIO C*.** (2020). Evaluation of softwood and hardwood sawmill wastes impact on the common carp "*Cyprinus carpio*" and its aquatic environment: An oxidative stress study. *Environ Toxicol Pharmacol.* 75: 103327

GARCÍA BELTRÁN J.M, GONZÁLEZ SILVERA D., ESPINOSA RUIZA C., CAMPO V., CHUPANIL., **FAGGIO C.**, ESTEBAN M.A (2020). Effects of dietary *Origanum vulgare* on gilthead seabream (*Sparus aurata L.*) immune and antioxidant status. *Fish and Shellfish Immunology*99: 452–461

SPINELLI A., CAPILLO G., **FAGGIO C*.**, VITALE D., SPANÒ N. (2020). Returning of *Hippocampus hippocampus* (Linnaeus, 1758) (Syngnathidae) in the Faro Lake – Oriented Natural Reserve of Capo Peloro, Italy. *Natural Product Research* 34 (4): 595-598

GHOLAMPOUR T.E., RAIENI R.F., LARIJANI M., POULADI M., PAGANO M., **FAGGIO C***. (2020). The dietary effect of *Vitex agnus-castus* hydroalcoholic extract on growth performance, bloodbiochemical parameters, carcass quality, sex ratio and gonad histology in Zebrafish (*Danio rerio*). Applied Sciences 10(4): 1402

PETROVICI A., STRUNGARU S.A., NICOARA M., ROBEA M.A., SOLCAN C., **FAGGIO C***. (2020) Toxicity of deltamethrin to zebrafish gonads revealed by cellular biomarkers. Journal of Marine Science and Engineering 8(2): 73

RASHIDIAN G., RAINIS S., PROKIC M., **FAGGIO C.*** (2020) Effects of different levels of carotenoids and light sources on swordtail fish (*Xiphophorus helleri*) growth, survival rate and reproductive parameters. Natural Product Research 35 (21): 3675-3686

FREITAS R., SILVESTRO S., COPPOLA F., COSTA S., MEUCCI V., BATTAGLIA F., INTORRE L., SOARES A. M.V.M, PRETTI C., **FAGGIO C.** (2020). Toxic impacts induced by Sodium laurylsulfate in *Mytilus galloprovincialis* Comparative Biochemistry and Physiology -Part A: Molecular &Integrative Physiology 242: 110656

SIMIONOV I.A., CRISTEA V., PETREA S.M., MOGODAN A., NICOARA M., BALTAG E.S., STRUNGARU S.A., **FAGGIO C***. (2020) Bioconcentration of essential and nonessential elements in Black Sea turbot (*Psetta maxima maeotica* Linnaeus, 1758) in relation to fish gender Journal of Marine Science and Engineering 7 (12): 466

FOROUHAR VAJARGAH M., YALSUYI AM., SATTARI M., PROKIC M. **FAGGIO C.*** (2020). Effects of Copper Oxide Nanoparticles (CuO-NPs) on parturition time, survival rate and reproductive success of guppy fish, *Poecilia reticulata*. Journal of Cluster Science 31: 499–506

SRIVASTAV AK., SRIVASTAVA S., SRIVASTAV, S.K., **FAGGIO C.**, SEKIGUCHI, T., SUZUKI, N. (2019). Response of ultimobranchial and parathyroid glands of the indian skipper frog, *Euphlyctis cyanophlyctis* to cadmium toxicity. Iranian Journal of Toxicology 13 (3): 39-44

RASHIDIAN G., KAJBAF K., PROKIĆ M., **FAGGIO C*** (2019) Extract of common mallow (*Malva sylvestris*) enhances growth, immunity, and resistance of rainbow trout (*Oncorhynchus mykiss*) fingerlings against *Yersinia ruckeri* infection. Fish and Shellfish Immunology 96: 254-261

SULA E., ALIKO V., PAGANO M., **FAGGIO C.** (2020). Digital Light Microscopy as a tool in toxicological evaluation of fish erythrocyte morphological abnormalities Microscopy Research and Technique 83 (4): 362-369

VACLAVIK J., SEHONOVA P., HODKOVICOVA N., VECERKOVA L., BLAHOVA J., FRANCA., MARSALEK P., MARES J., TICHY F., SVOBODOVA Z., **FAGGIO C***. (2020). The effect of foodborne sertraline on rainbow trout (*Oncorhynchus mykiss*). Science of the Total Environment 708:135082

STARA A., PAGANO M., CAPILLO G., FABRELLO J., SANDOVA M., VAZZANA I., ZUSKOVA E., VELISEK J., MATOZZO V., **FAGGIO C.*** (2020). Assessing the effects of neonicotinoid insecticide on the bivalve mollusc *Mytilus galloprovincialis*. Science of the Total Environment 700: 134914

SATTARI M., IMANPOUR NAMIN J., BIBAK M., FOROUHAR VAJARGAH M., BAKHSHALIZADEH S., **FAGGIO C.** (2019). Determination of trace element accumulation in gonads of *Rutilus kutum* (kamensky, 1901) from the south Caspian Sea. Trace element contaminations in gonads. Proceedings of the National Academy of Sciences, India Section B: Biological Sciences 90: 777–78

TURANI B., ALIKO V., **FAGGIO C.** (2019). Amphibian embryos as an alternative model to study the pharmaceutical toxicity of cyclophosphamide and ibuprofen. *Journal of Biological Research* 92: 72-76.

PAGANO M., VAZZANA I., GENTILE A., CARACAPPA G., **FAGGIO C***. (2019). Hematological and biochemical parameters in Sea turtles (*Caretta caretta*) after stranding. *Regional Studies in Marine Science* 32: 100832

ALIKO V., MEHMETI E., QIRJO M., **FAGGIO C.** (2019). Drink and sleep like a fish-goldfish as a behavior model to study pharmaceutical effects in freshwater ecosystem. *Journal of Biological Research* 92 (1):1-4

FREITAS R., SILVESTRO S., COPPOLA F., MEUCCI V., BATTAGLIA F., INTORRE L., SOARES A.M.V.M., PRETTI C., **FAGGIO C.** (2019). Biochemical and physiological responses induced in *Mytilus galloprovincialis* after a chronic exposure to salicylic acid. *Aquatic toxicology*. 214: 105258

VAN DOAN H., HOSEINIFAR S.H., SRIGARM K., JATURASITHA S., YUANGSOI B., DAWOOD M.A.O., ESTEBAN M.A., RINGO E., **FAGGIO C.** (2019). Effects of Assam tea extract on growth, skin mucus, serum immunity and disease resistance of Nile tilapia (*Oreochromis niloticus*) against *Streptococcus agalactiae*. *Fish and Shellfish Immunology* 93: 428-435

GUZZETTI E., SALABERY E., FERRIOL P., DÍAZ J.A.; TEJADA S., **FAGGIO C.**, SUREDA A. (2019). Oxidative stress induction by the invasive sponge *Paraleucilla magna* growing on *Peyssonnelia squamaria* algae. *Marine Environmental Research* 150: 104763

SAVOCA S., CAPILLO G., MANCUSO M., **FAGGIO C.**,* PANARELLO G., CRUPI R., BONSIGNORE M, D'URSO L., COMPAGNINI G., NERI F., FAZIO E., ROMEO T., BOTTARI T., SPANÒ N. (2019). Detection of artificial cellulose microfibers in boops boops from the northern coasts of Sicily (central Mediterranean) *Science of the Total Environment* 691: 455–465

VAN DOAN H., HOSEINIFAR S.H., RINGO E., ESTEBAN M.A., DADAR M., DAWOOD M.A.O., **FAGGIO C.** (2019). Host-associated probiotics: a key factor in sustainable aquaculture. *Reviews in Fisheries Science & Aquaculture* 28: 12-44

FINK M., BHUYAN A.A.M., NÜRNBERG B., **FAGGIO C.**, LANG F. (2019). Triggering of eryptosis, the suicidal erythrocyte death, by phenoxodiol. *Naunyn Schmiedebergs Arch Pharmacol.* 392(10):1311-1318.

SATTARI M., JAVID I.N., BIBAK M., FOROUHAR VAJARGAH M., **FAGGIO C.**, HADDAD M.S. (2019). Trace and macro elements bioaccumulation in the muscle and liver tissues of *Alburnus chalcoides* from the south Caspian Sea and potential human health risk assessment. *Journal of Energy, Environmental & Chemical Engineering* 4(1): 13-20

VIJAYAKUMAR S., VASEEHARAN B., SUDHAKARAN R. JEYAKANDAN J., RAMASAMY P., SONAWANE A., PADHI A., VELUSAMY P., ANBU P., **FAGGIO C.** (2019). Bioinspired Zinc Oxide Nanoparticles Using *Lycopersicon esculentum* for antimicrobial and anticancer applications. *Journal of Cluster Science* 30 (6): 1465-1479

AHMADIFAR E., SHEIKHZADEHN., ROSHANA EI K., DARGAHIN., **FAGGIO C.** (2019). Can dietary ginger (*Zingiber officinale*) alter biochemical and immunological parameters and gene expression related to growth, immunity and antioxidant system in zebrafish (*Danio rerio*)? *Aquaculture* 507: 341-348

REZA HASHEMI S.A., STARA A., **FAGGIO C.***(2019). Biological characteristics, growth parameters and mortality rate of *Carassius auratus* in the Shadegan Wetland (Iran). *International Journal of Environmental Research* 13: 457–464

FOROUHAR VAJARGAH M., IMANPOOR M.R., SHABANI A., HEDAYATI A., **FAGGIO C.*** (2019) Effect of long term exposure of silver nanoparticles on growth indices, hematological and biochemical parameters and gonad histology of male Gold fish (*Carassius auratus gibelio*) *Microscopy Research and Technique* 82(7):1224-1230

ALIMBA C., **FAGGIO C.*** (2019). Microplastics in the marine environment: current trends in environmental pollution and mechanisms of toxicological profile. *Science of the Total Environment* 68:61-74.

STARA A., KUBEC J., ZUSKOVA E., BURIC M., **FAGGIO C.**, KOUBA A., VELISEK J. (2019). Effects of S-metolachlor and its degradation product metolachlor OA on marbled crayfish (*Procambarus virginalis*). *Chemosphere* 224:616-625

STARA A., BELLINIA R, VELISEK J., STROUHOVA A., KOUBA A., **FAGGIO C.*** (2019). Acute exposure of common yabby (*Cherax destructor*) to neonicotinoid pesticide. *Science of the Total Environment* 665: 718–723

SEHONOVA P., TOKANOVA N., HODKOVICOVA N., KOCOUR KROUPOVA H., TUMOVA J., BLAHOVA J., MARSALEK P., PLHALOVA L., DOUBKOVA V., DOBSIKOVA R., CHLOUPEK P., DOLEZELOVA P., FALDYNA M, SVOBODOVA Z., **FAGGIO C.*** (2019). Oxidative stress induced by fluoroquinolone enrofloxacin in zebrafish (*Danio rerio*) can be ameliorated after a prolonged exposure. *Environmental Toxicology and Pharmacology* 67: 87–93

LAURIANO E.R., PERGOLIZZI S., ARAGONA M., MONTALBANO G., GUERRERA M.C., CRUPI R., **FAGGIO C*.**, CAPILLO G. (2019). Intestinal immunity of Dogfish *Scyliorhinus canicula* spiral valve, a histochemical, immunohistochemical and confocal study. *Fish and Shellfish Immunology* 87:490-498.

BURGOS ACEVES M.A., LIONETTI L., **FAGGIO C*.** (2019). Multidisciplinary hematology as prognostic device in environmental and xenobiotic stress-induced response in fish. *Science of the Total Environment* 670: 1170-1183

CARBONE D., **FAGGIO C*** (2019) *Helix aspersa* as sentinel of development damage for biomonitoring purpose: a validation study. *Molecular Reproduction and Development* 86 (10) 1283-1291

BUDZYNSKA B., **FAGGIO C.**, KRUK-SLOMKA M., SAMEC D., NABAVI S.F., SUREDA A., DEVI K.P., NABAVI S.M. (2019). Rutin as neuroprotective agent: from bench to bedside. *Current Medicine Chemistry* 26(27):5152-5164.

ABDEL-TAWWAB M., MONIER M.N., **FAGGIO C.** (2019). Fish response to hypoxia stress: growth performance, physiological and immunological biomarkers. *Fish Physiology and Biochemistry* 45(3):997-1013

FABBROCINI A., COCCIA E., D'ADAMO R., **FAGGIO C.**, MARINA PAOLUCCI M. (2019). Mifepristone affects fertility and development in the sea urchin *Paracentrotus lividus*. *Molecular Reproduction and Development* 86(10):1348-1356

BOGUSZEWSKA CZUBARA A., KURZEPA J., BIAŁA G., K., GROT K., TARKOWSKI P., KOWALCZYK J., SILVESTRO S., **FAGGIO C.**, BUDZYŃSKA B. (2019). Mephedrone impact on matrix metalloproteinases activity—do they influence the memory processes? *Current*

Molecular Pharmacology 12(2):115-121.

SAVOCA S., CAPILLO G., MANCUSO M., BOTTARI T., CRUPI R., BRANCA C., ROMANO V., **FAGGIO C***, D'ANGELO G., SPANÒ N. (2019). Microplastics occurrence in the tyrrhenian waters and in the gastrointestinal tract of two congener species of Seabreams. *Environmental Toxicology and Pharmacology* 67:35-41

ELUMALAI P., PRAKASHA P., MUSTHAFA M.S, VAN DOAN H., HOSEINIFAR S.H., **FAGGIO C.** (2019) Effect of alkoxy glycerol on growth performance, immune response and disease resistance in Nile Tilapia (*Oreochromis niloticus*). *Research in Veterinary Science* 123: 298-304

LAURIANO E.R., PERGOLIZZI S., ARAGONA M., SPANÒ N., GUERRERA M.C., CAPILLO G., **FAGGIO C.** (2019). Merkel cells immunohistochemical study in striped dolphin (*Stenella coeruleoalba*) skin. *Tissue and cell* 56: 1-6

PROKIĆ M.D., RADOVANOVIĆ T.B., GAVRIĆ J.P., **FAGGIO C.*** (2019). Ecotoxicological effects of microplastics: Biomarkers of response, current state and future perspective. *Trends in Analytical Chemistry* 111:37-46

STRUNGARU S.A., JIJIE R., NICOARA M., PLAVAN G., **FAGGIO C***. (2019). Micro (nano) plastics in freshwater ecosystems: abundance, toxicological impact and quantification methodology *Trends in Analytical Chemistry* 110: 116-128

HODKOVICOVA N., CHMELOVA L., SEHONOVA P, BLAHOVA J., DOUBKOVA V., PLHALOVA L., FIORINO E., VOJTEK L., VICENOVA V., SIROKA Z., ENEVOVA V., BERLINSKA J., FALDYNA M, SVOBODOVA Z., **FAGGIO C.** (2019). The effects of a therapeutic formalin bath on selected immunological and oxidative stress parameters in common carp (*Cyprinus carpio*). *Science of the Total Environment* 653: 1120-1127

CAPILLO G., SAVOCA S., COSTA R., SANFILIPPO M., RIZZO C., LO GIUDICE A., ALBERGAMO A., RANDO R., BARTOLOMEO G., SPANÒ N., **FAGGIO C***(2018). New insights in the culture method and the antibacterial potential of *Gracilaria gracilis*. *Marine Drugs* 16,492

GUZZETTI E., SUREDA A., TEJADA S., **FAGGIO C***. (2018). Microplastic in marine organism: environmental and toxicological effects. *Environmental Toxicology and Pharmacology* 64: 164-171

RASHIDIAN G., BAHRAMI GORJI S., NADERI FARSANI M., PROKIC M.D., **FAGGIO C***. (2018). The oak (*Quercus brantii*) acorn as a growth promotor for rainbow trout (*Oncorhynchus mykiss*): growth performance, body composition, liver enzymes activity and blood biochemical parameters. *Natural Product Research* 34 (17): 2413–2423

HOSEINIFAR S.H., YOUSEFI S., CAPILLO G., PAKNEJAD H., KHALILI M., TABARRAEI A., VAN DOAN H., SPANÒ N., **FAGGIO C***. (2018). Mucosal immune parameters, immune and antioxidant defence related genes expression and growth performance of zebrafish (*Danio rerio*) fedon *Gracilaria gracilis* powder. *Fish and Shellfish Immunology* 83: 232-237

PROKIC M.D., PETROVIĆ T.G., GAVRIC J.P., DESPOTOVIĆ S.G., GAVRILOVIĆ B.R., RADOVANOVIĆ T.B., **FAGGIO C.**, SAIČIĆ ZS. (2018). Comparative assessment of the antioxidative defense system in subadult and adult anurans: A lesson from the *Bufo viridis* toad. *Zoology* 130: 30-37

BURGOS ACEVES M.A., COHEN A., PAOLELLA G., LEPRETTI M., SMITH Y., **FAGGIO**

C*., LIONETTI L. (2018). Modulation of mitochondrial functions by xenobiotic-induced microRNA: from environmental sentinel organisms to mammals. *Science of the Total Environment* 645: 79-88

MAZZAGLIA A., ZAGAMI R., ROMEO A., CERAOLO F., VAZZANA M., CASTRICIANO M.A., FAGGIO C*., SCOLARO M. (2018). Supramolecular adducts of anionic porphyrins and a biocompatible polyamine: effect of photodamage-on human red blood cells. *Journal of Nanoscience and Nanotechnology* 18(10):7269-7274

FIORINO E., SEHONOVA P., PLHALOVA L., BLAHOVA J., SVOBODOVA Z., FAGGIO C*. (2018). Effect of glyphosate on early life stages: comparison between *Cyprinus carpio* and *Danio rerio*. *Environmental Science and Pollution Research* 25(9): 8542–854

ISWARYA A., VASEEHARAN B., MAHALINGAM A., GOBI N., DIVA M., FAGGIO C. (2018). β -1, 3 glucan binding protein based selenium nanowire enhances the immune status of *Cyprinus carpio* and protection against *Aeromonas hydrophila* infection. *Fish and Shellfish Immunology* 83: 61-75

RINGØ E., FAGGIO C., CHITMANAT C., VAN DOAN H., MAI N.T., JATURASITHA S., HOSEINIFAR S.H. (2018). Effects of corn cob derived xylooligosaccharide on innate immune response, disease resistance, and growth performance in Nile tilapia (*Oreochromis niloticus*) fingerlings. *Aquaculture* 495(1) 786–793

GOBI N., VASEEHARAN B., REKHA R., VIJAYAKUMAR S., FAGGIO C. (2018). Bioaccumulation, cytotoxicity and oxidative stress of the acute exposure selenium in *Oreochromis mossambicus*. *Ecotoxicology and Environmental Safety* 162:147-159

FAGGIO C*., TSARPALI V., DAILIANIS S (2018). Mussel digestive gland as a model for assessing xenobiotics: an overview. *Science of the Total Environment* 613: 220-229

FOROUHAR VAJARGAH M., YALSUYI AM., HEDAYATI A., FAGGIO C*. (2018). Histopathological lesions and toxicity in common carp (*Cyprinus carpio L.* 1758) induced by copper nanoparticles. *Microscopy Research and Technique* 81 (7): 724-729

SEHONOVA P., SVOBODOVA Z., DOLEZELOVA P., VOSMEROVA P., FAGGIO C*. (2018). Effects of waterborne antidepressants on non-target animals living in the aquatic environment: a review. *Science of the Total Environment* 631–632: 789–794

CAPILLO G., SILVESTRO S., SANFILIPPO M., FIORINO E., GIANGROSSO G., FERRANTELLI V., VAZZANA I., FAGGIO C*. (2018). Assessment of electrolytes and metals profile of the Faro Lake (Capo Peloro Lagoon, Sicily, Italy) and its impact on *Mytilus galloprovincialis*. *Chemistry & Biodiversity* 1800044

ALIKO V., QIRJO M., SULA E., MORINA V., FAGGIO C. (2018). Antioxidant defense system, immune response and erythron profile modulation in gold fish, *Carassius auratus*, after acute manganese treatment. *Fish and Shellfish Immunology* 76:101–109

LAURIANO E.R., FAGGIO C*., CAPILLO G., SPANÒ N., KUCIEL M., ARAGONA M., PERGOLIZZI S. (2018). Immunohistochemical characterization of epidermal dendritic-like cells in giant mudskipper, *Periophthalmodon schlosseri*. *Fish and Shellfish Immunology* 74:380-385

NATH S., MATOZZO V., BHANDARI D., FAGGIO C*. (2018). Growth and liver histology of *Channa punctatus* exposed to a common biofertilizer. *Natural Product Research* 33 (11): 1591-1598

BURGOS-ACEVES M.A., COHEN A., SMITH Y., FAGGIO C*. (2018). MicroRNAs and

their role on fish oxidative stress during xenobiotic environmental exposures. *Ecotoxicology and Environmental Safety* 148: 995-1000

BURGOS-ACEVES M.A., COHEN A., SMITH Y., **FAGGIO C***. (2018). A potential microRNA regulation of immune-related genes in invertebrate haemocytes. *Science of the Total Environment* 621:302-307

PLHALOVA L, BLAHOVA J., DIVISOVA L., ENEVOVA V., CASUSCELLI DI TOCCO F., **FAGGIO C.**, TICHY F, VECEREK V., SVOBODOVA Z. (2018). The effects of subchronic exposure to NeemAzal T/S on zebrafish (*Danio rerio*). *Chemistry and Ecology* 34 (3) 199–210

RIZZO C., GENOVESE G., MORABITO M., **FAGGIO C.**, PAGANO M., SPANÒ A., ZAMMUTOV., ARMELI MINICANTE S., MANGHISI A., CIGALA R.M., CREA F., MARINO F., GUGLIANDOLO C. (2017). Potential antibacterial activity of marine macroalgae against pathogens relevant for aquaculture and human health. *Journal of Pure and Applied Microbiology* 11 (4):1695- 1706

SEHONOVA P., PLHALOVA L., BLAHOVA J., DOUBKOVA V., PROKES M., TICHY F., FIORINO E., **FAGGIO C.**, SVOBODOVA Z. (2017). Toxicity of naproxen sodium and its mixture with tramadol hydrochloride on fish early life stages. *Chemosphere* 188:414-423

ARAGONA M., LAURIANO E.R., PERGOLIZZI S., **FAGGIO C***. (2017). *Opuntia ficus-indica* (L.) Miller as a source of bioactivity compounds for health and nutrition. *Natural Product Research* 32 (17): 2037-2049

SEHONOVA P., PLHALOVA L., BLAHOVA J., DOUBKOVA V., MARSALEK P., PROKES M., TICHY F., SKLADANA M., FIORINO E., MIKULA P., VECEREK V., SVOBODOVA Z., **FAGGIO C.** (2017). Effects of selected tricyclic antidepressants on early-life stages of common carp (*Cyprinus carpio*). *Chemosphere* 185:1072-1080

BURGOS-ACEVES M.A., **FAGGIO C***. (2017). An approach to the study of the immunity functions of bivalve haemocytes: Physiology and molecular aspects. *Fish and Shellfish Immunology* 67:513-517

PAGANO M., PORCINO C., BRIGLIA M., FIORINO E., VAZZANA M., SILVESTRO S., **FAGGIO C***. (2017). The influence of exposure of cadmium chloride and zinc chloride on haemolymph and digestive gland cells from *Mytilus galloprovincialis*. *International Journal of Environmental Research* 11(2): 207-216

LAURIANO E.R., PERGOLIZZI S., GANGEMI J., KUCIEL M., CAPILO G., ARAGONA M., **FAGGIO C***. (2017). Immunohistochemical colocalization of G protein alpha subunits and 5-HT in the rectal gland of the cartilaginous fish *Scyliorhinus canicula*. *Microscopy Research and Technique* 80(9):1018-1027

MORABITO S., SILVESTRO S., **FAGGIO C***. (2017). How the marine biotoxins affect human health. *Natural Product Research* 32(6):621-631

SAVORELLI F., MANFRA L., CROPPO M., TORNAMBÈ A., PALAZZI D., CANEPA S., TRENTINI P.L., CICERO A.M., **FAGGIO C***. (2017). Fitness evaluation of *Ruditapes philippinarum* exposed to nickel. *Biological Trace Element Research* 177(2): 384-393

FAGGIO C*, SUREDA A., MORABITO S., SANCHES-SILVA A., MOCAN A., NABAVI S.F., NABAVI S.M. (2017). Flavonoids and platelet aggregation: A brief review. *Eur J Pharmacol.* 807:91-101

MISCHITELLI M., JEMAÀA M., FEZAI M., ALMASRY M., **FAGGIO C.**, LANG F.

(2017). Stimulation of Erythrocyte Cell Membrane Scrambling by Adarotene. *Cellular Physiology and Biochemistry*.41:519–529

BRIGLIA M., ANTONIA ROSSI M., **FAGGIO C***. (2017). Eryptosis: Ally or Enemy. *Current Medicine Chemistry* 24 (9): 937-942

ALMASRY M., JEMAÀ M., MISCHITELLI M., **FAGGIO C.**, LANG F. (2017). Camalexin- Induced Cell Membrane Scrambling and Cell Shrinkage in Human Erythrocytes. *Cellular Physiology and Biochemistry* 41(2):731-741

MISCHITELLI M., JEMAÀ M., ALMASRY M., **FAGGIO C.**, LANG F. (2016). Stimulation of Suicidal Erythrocyte Death by Rottlerin. *Cellular Physiology and Biochemistry* 40 (3-4): 558-566

MISCHITELLI M., JEMAÀ M., ALMASRY M., **FAGGIO C.**, LANG F. (2016). Stimulation of Erythrocyte Cell Membrane Scrambling by Quinine. *Cellular Physiology and Biochemistry* 40(3-4):657-667

JEMAÀ M., MISCHITELLI M., FEZAI M., ALMASRY M., **FAGGIO C.**, LANG F. (2016). Stimulation of Suicidal Erythrocyte Death by the CDC25 Inhibitor NSC-95397. *Cellular Physiology and Biochemistry* 40(3-4):597-607

ALMASRY M., JEMAÀ M., MISCHITELLI M., **FAGGIO C.**, LANG F. (2016). Stimulation of Suicidal Erythrocyte Death by Phosphatase Inhibitor Calyculin A. *Cellular Physiology and Biochemistry* 18; 40 (1-2):163-171

MISCHITELLI M., JEMAÀ M., ALMASRY M., **FAGGIO C.**, LANG F. (2016). Triggering of Erythrocyte Cell Membrane Scrambling by Emodin. *Cellular Physiology and Biochemistry* 8;40(1-2):91-103

LAURIANO E.R., PERGOLIZZI S., CAPILLO G., KUCIEL M., ALESCI A., **FAGGIO C***. (2016). Immunohistochemical characterization of Toll-like receptor 2 in gut epithelial cells and macrophages of goldfish *Carassius auratus* fed with a high-cholesterol diet. *Fish and Shellfish Immunology* 59: 250-255

FAGGIO C*, PAGANO M., ALAMPI R., VAZZANA I., FELICE M.R. (2016). Cytotoxicity, haemolymphatic parameters, and oxidative stress following exposure to sub-lethal concentrations of quaternium-15 in *Mytilus galloprovincialis*. *Aquatic Toxicology* 180:258-265

MARINO F., DI CARO G., GUGLIANDOLO C., SPANÒ A., **FAGGIO C.**, GENOVESE G., MORABITO M., RUSSO A., BARRECA D., FAZIO F., SANTULLI A. (2016). Preliminary study on the in vitro and in vivo effects of *Asparagopsis taxiformis* bioactive phycoderivates on teleosts. *Frontiers in Physiology* 7:459

BURGOS-ACEVES MA, COHEN A, SMITH Y, **FAGGIO C***. (2016). Estrogen regulation of gene expression in the teleost fish immune system. *Fish and Shellfish Immunology* 58: 42-49

MISCHITELLI M., JEMAÀ M., ALMASRY M., **FAGGIO C.**, LANG F. (2016). Ca²⁺ entry, oxidative stress, ceramide and suicidal erythrocyte death following diosgenin treatment. *Cellular Physiology and Biochemistry* 39(4):1626-1637

MISCHITELLI M., JEMAÀ M., ALMASRY M., **FAGGIO C.**, LANG F. (2016). Triggering of suicidal erythrocyte death by fascaplysin. *Cellular Physiology and Biochemistry* 39 (4):1638-1647

MOYSON S., LIEW H.J., FAZIO A., VAN DOOREN N., DELCROIX A. **FAGGIO C.**,

- BLUST R., DE BOECK G. (2016). Kidney activity increases in copper exposed goldfish (*Carassius auratus*). *Comparative Biochemistry and Physiology C Toxicology & Pharmacology* 190:32-37
- MATOZZO V., PAGANO M., SPINELLI A., CAICCI F., **FAGGIO C***. (2016). *Pinna nobilis*: a big bivalve with big haemocytes? *Fish and Shellfish Immunology* 55: 529–534
- SILVA-HERDADE A.S., ANDOLINA G., **FAGGIO C.**, CALADO A., SALDANHA C. (2016). Erythrocyte deformability-A partner of the inflammatory response. *Microvascular Research* 107: 34–38
- CARBONE D., **FAGGIO C***. (2016). Importance of prebiotics in aquaculture as immunostimulants.Effects on immune system of *Sparus aurata* and *Dicentrarchus labrax*. *Fish and Shellfish Immunology* 54: 172-178
- GUARDIOLA F.A., PORCINO C., CEREZUELA R., CUESTA A., **FAGGIO C.**, ESTEBAN M.A. (2016). Impact of date palm fruits extracts and probiotic enriched diet on antioxidant status, innate immune response and immune-related gene expression of European seabass (*Dicentrarchus labrax*).*Fish and Shellfish Immunology* 52:298-308
- PAGANO M., CAPILLO G., SANFILIPPO M., PALATO S., TRISCHITTA F., MANGANARO A., **FAGGIO C***. (2016). Evaluation of Functionality and Biological Responses of *Mytilus galloprovincialis* after Exposure to Quaternium-15 (Methenamine 3-Chloroallylochloride). *Molecules*. 21(2), 144;
- SIGNORETTO E., HONISCH S., BRIGLIA M., **FAGGIO C.**, CASTAGNA M., LANG F. (2016). Nocodazole induced suicidal death of human erythrocytes. *Cellular Physiology and Biochemistry* 38(1):379-92
- BRIGLIA M., CALABRÒ S., SIGNORETTO E., ALZOUBI K., LAUFER S., **FAGGIO C.**, LANG F.(2015). Fucoxanthin induced suicidal death of human erythrocytes. *Cellular Physiology and Biochemistry* 37(6):2464-75
- BRIGLIA M., FAZIO A., **FAGGIO C.**, LANG F. (2015). Triggering of Suicidal Erythrocyte Deathby Zosuquidar. *Cellular Physiology and Biochemistry* 37(6):2355-65
- BRIGLIA M., FAZIO A., SIGNORETTO E., **FAGGIO C.**, LANG F. (2015). Edelfosine induced suicidal death of human erythrocytes. *Cellular Physiology and Biochemistry*. 29; 37 (6):2221-2230
- FAGGIO C.**, FAZIO F., MARAFIOTI S., ARFUSO F., PICCIONE G. (2015). Oral administration of Gum Arabic: effects on haematological parameters and oxidative stress markers in *Mugil cephalus*.*Iranian Journal of Fisheries Sciences* 14(1): 60-72
- ALIKO V., HAJDARAJ G., CACI A., **FAGGIO C.** (2015). Copper induced lysosomal membrane destabilisation in haemolymph cells of Mediterranean Green Crab (*Carcinus aestuarii*, Nardo, 1847)from the Narta Lagoon (Albania). *Brazilian Archives of Biology and Technology*. 58 (5): 750-756
- PAGANO M., **FAGGIO C***. (2015). The use of erythrocyte fragility to assess xenobiotic cytotoxicity. *Cell Biochemistry Function* 33(6):351-5.
- FAGGIO C.**, PAGANO M., DOTTORE A., GENOVESE G., MORABITO M. (2015). Evaluation of anticoagulant activity of two algal polysaccharides. *Natural Product Research* 30 (17): 1934-1937
- CALABRÒ S., ALZOUBI K., **FAGGIO C.**, LAUFER S., LANG F. (2015). Triggering of

suicidal erythrocyte death following boswellic acid exposure. *Cellular Physiology and Biochemistry* 37(1):131-42

FAZIO A., BRIGLIA M., **FAGGIO C.**, ALZOUBI K., LANG F. (2015). Stimulation of suicidal erythrocyte death by garcinol. *Cellular Physiology and Biochemistry* 37(2):805-15

FAZIO A., BRIGLIA M., **FAGGIO C.**, ALZOUBI K., LANG F. (2015). Oxaliplatin induced suicidal death of human erythrocytes. *Cellular Physiology and Biochemistry* 37(6): 2393-404

BRIGLIA M., FAZIO A., **FAGGIO C.**, LAUFER S., ALZOUBI K., LANG F. (2015). Triggering of suicidal erythrocyte death by ruxolitinib. *Cell Physiol Biochem.* 37(2):768-78.

LIEW H.J., FAZIO A., **FAGGIO C.**, BLUST R., DE BOECK G. (2015). Cortisol affects metabolic and ionoregulatory responses to a different extent depending on feeding ration in common carp, *Cyprinus carpio*. *Comparative Biochemistry and Physiology A Molecular Integrative Physiology* 189:45-47

FAGGIO C., MORABITO M., ARMELI MINICANTE S., LO PIANO G., PAGANO M., GENOVESE G. (2015). Potential use of polysaccharides from the brown alga *Undaria pinnatifida* as anticoagulants. *Brazilian Archives of Biology and Technology* 58 (5): 798-804

ALZOUBI K., EGLER J., BRIGLIA M., FAZIO A., **FAGGIO C.**, LANG F. (2015). Induction of suicidal erythrocyte death by cantharidin. *Toxins* 7 (8), 2822-2834

FAGGIO C., ALZOUBI K., CALABRÒ S., LANG F. (2015). Stimulation of suicidal erythrocyte death by PRIMA-1. *Cellular Physiology and Biochemistry* 35(2): 529-540

BONACCORSI P., BARATTUCCI A., PAPALIA T., CRISEO G., **FAGGIO C.**, ROMEO O. (2015). Pyrimidine derived disulfides as potential antimicrobial agents: synthesis and evaluation *in vitro*. *Journal Sulfur Chemistry* 36 (3): 317-325

CHROMCOVA L., BLAHOVA J., ZIVNA D., PLHALOVA L., CASUSCELLI DI TOCCO F., DIVISOVA L., PROKES M., **FAGGIO C.**, TICHY F., SVOBODOVA Z. (2015). NeemAzal T/S – toxicity to early-life stages of common carp (*Cyprinus carpio L.*). *Veterinarni Medicina*, 60, 2015 (1): 23–30.

VAZZANA M., ANDREANI T., FANGUEIRO J., **FAGGIO C.**, SILVA C., SANTIN A., GARCIA M.L., SILVA A.M., SOUTO E.B. (2015). Tramadol hydrochloride: Pharmacokinetics, pharmacodynamics, adverse side effects, co-administration of drugs and new drug delivery systems. *Biomedicine & Pharmacotherapy* 70: 234–238.

FAZIO F., PICCIONE G., ARFUSO F., **FAGGIO C.** (2015). Peripheral blood and head kidney haematopoietic tissue response to experimental blood loss in Mullet (*Mugil cephalus*). *Marine Biology Research* 11(2): 197-202

ALZOUBI K., CALABRÒ S., **FAGGIO C.**, LANG F. (2015). Stimulation of suicidal erythrocyte death by sulforaphane. *Basic Clin Pharmacol Toxicol.* 116 (3): 229-35

MESSINA C.M., **FAGGIO C.**, LAUDICELLA A.V., SANFILIPPO M., TRISCHITTA F., SANTULLI A. (2014). Effect of sodium dodecyl sulfate (SDS) on stress response in the Mediterranean mussel (*Mytilus galloprovincialis*): Regulatory volume decrease (RVD) and modulation of biochemical markers related to oxidative stress. *Aquatic Toxicology* 157: 94–100

FAZIO F., PICCIONE G., TRIBULATO K., FERRANTELLI V., GIANGROSSO G.,

ARFUSO F., **FAGGIO C.** (2014). Bioaccumulation of heavy metals in blood and tissue of striped mullet in two Italian lakes. *Journal of Aquatic Animal Health* 26: 278–284

ALZOUBI K., CALABRÒ S., EGLER J., **FAGGIO C.**, LANG F. (2014). Triggering of programmed erythrocyte death by alantolactone. *Toxins* 6: 3596-3612

ALZOUBI K., CALABRÒ S., BISSINGER R., ABED M., **FAGGIO C.**, LANG F. (2014). Stimulation of suicidal erythrocyte death by artesunate. *Cellular Physiology and Biochemistry* 34: 2232-2244

FAGGIO C., PICCIONE G., MARAFIOTI S., ARFUSO F., TRISCHITTA F., FORTINO G., FAZIO F. (2014). Monthly variations of haematological parameters of *Sparus aurata* and *Dicentrarchus labrax* reared in Mediterranean land off-shore tanks. *Cahiers de Biologie Marine* (2014) 55: 437-443

FAGGIO C., PICCIONE G., MARAFIOTI S., ARFUSO F., FORTINO G., FAZIO F. (2014). Metabolic response to monthly variations of *Sparus aurata* reared in Mediterranean on-shore tanks. *Turkish Journal of Fisheries and Aquatic Sciences* 14: 567 - 574

FAGGIO C., ARFUSO F., PICCIONE G., ZUMBO A., FAZIO F. (2014). Effect of three different anticoagulants and storage time on haematological parameters of *Mugil cephalus*. *Turkish Journal of Fisheries and Aquatic Sciences* 14: 615-621

FAZIO F., **FAGGIO C.**, PICCIONE G., BONFIGLIO R., MARINO F. (2014). Effect of rearing density on the blood and tissues of mullet (*Mugil cephalus* L.). *Marine Freshwater Behaviour Physiology* 47(6): 389-399

FAZIO F., CECCHINI S., **FAGGIO C.**, CAPUTO A.R., PICCIONE G. (2014). Stability of oxidative stress biomarkers in flathead mullet, *Mugil cephalus*, serum during short-term storage. *Ecological Indicators* 46: 188–192

BISSINGER R., MODICANO P., ALZOUBI K., HONISCH S., **FAGGIO C.**, ABED M., LANG F. (2014). Effect of saponin on erythrocytes. *Int J Hematol.* 100: 51-59

JACOBI J., LANG E., BISSINGER R., FRAUENFELD L., MODICANO P., **FAGGIO C.**, ABED M., LANG F. (2014). Stimulation of erythrocyte cell membrane scrambling by mitotane. *Cellular Physiology and Biochemistry*: 33 (5): 1516-26

VAZZANA M., MACEDO A., BOONME P., **FAGGIO C.**, SOUTO E.B (2014). Revisiting lipidic nanoparticles as drug carriers for nsaid: ibuprofen as an instance. In *Drug Nano-carriers* 3:13- 409-428

SCHMID E., XUAN N.T., ZAHIR N., RUSSO A., YANG W., KUHL D., **FAGGIO C.**, SHUMILINA E., LANG F. (2014). Serum- and glucocorticoid-inducible kinase 1 sensitive NF-Kb signaling in dendritic cells. *Cellular Physiology and Biochemistry* 34(3): 943-54

MINEO P., **FAGGIO C***, MICALI N., SCAMPORRINO E., VILLARI V. (2014). A star polymer based on a polyethylenglicol with a porphyrinic core as a photosensitizer agent for application in photodynamic therapy: tests in vitro on human erythrocytes. *RSC Advances*: 4, 19389-19395

VAZZANA M., MACEDO A.S., SANTINI A., **FAGGIO C.**, SOUTO E.B. (2014). Novel neuroprotective formulations based on St. John's Wort extract. *Journal Food Research*: 3 (4): 3, 3-17

SCHMID E., YAN J., NURBAEVA M.K., RUSSO A., YANG W., **FAGGIO C.**, SHUMILINA E., LANG F. (2014). Decreased store operated Ca^{2+} entry in dendritic cells

isolated from mice expressing PKB/SGK-resistant GSK3. PLoS One. Feb 11; 9(2):e88637

BORST O., MÜNZER P., SCHMID E., SCHMIDT E. M., RUSSO A., WALKER B., YANG W., LEIBROCK C., SZTEYN K., SCHMIDT S., ELVERS M., **FAGGIO C.**, SHUMILINA E., KURO- O M., GAWAZ M., LANG F. (2014). 1,25(OH)₂ vitamin D₃-dependent inhibition of platelet Ca²⁺ signaling and thrombus formation in klotho-deficient mice. FASEB J. 28(5): 2108-19

YANG W., NURBAEVA M.K., SCHMID E., RUSSO A., ALMILAJI A., SZTEYN K., YAN J., **FAGGIO C.**, SHUMILINA E., LANG F. (2014). Akt2- and ETS1-dependent IP₃ receptor 2 expression in dendritic cell migration. Cellular Physiology and Biochemistry. 33 (1): 222-36

DĚRMAKU-SOPJANI M., ABAZI S., **FAGGIO C.**, KOLGECI J., SOPJANI M. (2014). AMPK- sensitive cellular transport. Journal Biochemistry. 155 (3):147-58

FAGGIO C., FEDELE G., ARFUSO F., PANZERA M., FAZIO F. (2014) Haematological and biochemical response of *Mugil cephalus* after acclimation to captivity. Cahiers de Biologie Marine 55: 31-36

BARTOSKOVA M., DOBSIKOVA R., STANCOVA V., ZIVNA D., BLAHOVA J., MARSALEKP., ZELNÍCKOVA L., BARTOS M., DI TOCCO F.C., **FAGGIO C.** (2013). Evaluation of ibuprofen toxicity for zebrafish (*Danio rerio*) targeting on selected biomarkers of oxidative stress. NeuroEndocrinology Letters 34:102-108

BISSINGER R., MODICANO P., FRAUENFELD L., LANG E., JACOBI J., **FAGGIO C.**, LANG F. (2013). Estramustine-Induced Suicidal Erythrocyte Death. Cell Physiology and Biochemistry 28:32(5): 1426-143

ARNOLD M., LANG E., MODICANO P., BISSINGER R., **FAGGIO C.**, ABED M., LANG F. (2013). Effect of nitazoxanide on erythrocytes. Basic & Clinical Pharmacology & Toxicology 114 (5): 421-6

LANG E., MODICANO P., ARNOLD M., BISSINGER R., **FAGGIO C.**, ABED M., LANG F. (2013). Effect of thioridazine on erythrocytes. Toxins (Basel). 23: 5(10):1918-31

LIEW H.J., CHIARELLA D., PELLE A., **FAGGIO C.**, BLUST R., DE BOECK G. (2013). Cortisol emphasizes the metabolic strategies employed by common carp, *Cyprinus carpio* at different feeding and swimming regimes. Comparative Biochemistry and Physiology-Part A: Molecular & Integrative Physiology 166(3):449-464

PICCIONE G., ARFUSO F., MONTEVERDE V., VAZZANA I. ZUMBO A., **FAGGIO C.** (2013). Monitoring of some metabolic parameters in Comisana lambs during the neonatal period. Large Animal Review: 19: 133-137

FAZIO F., MARAFIOTI S., FILICIOTTO F., BUSCAINO G., PANZERA M., **FAGGIO C.** (2013). Blood Hemogram Profiles of Farmed Onshore and Offshore Gilthead Sea Bream (*Sparus aurata*) from Sicily, Italy. Turkish Journal Fisheries Aquatic Science 13: 415-422

FAZIO F., MARAFIOTI S., ARFUSO F., PICCIONE G., **FAGGIO C.** (2013). Comparative study of the biochemical and haematological parameters of four wild Tyrrhenian fish species Veterinarni Medicina 58(11): 576-581

TORRE A., TRISCHITTA F., CORSARO C., MALLAMACE D., **FAGGIO C.** (2013). Digestive cells from *Mytilus galloprovincialis* show a partial regulatory volume decrease following acute hypotonic stress through mechanisms involving inorganic ions. Cell Biochemistry and Function 31: 489-495

- FAGGIO C., CASELLA S., ARFUSO F., MARAFIOTI S., PICCIONE G., FAZIO F.**(2013). Effect of storage time on haematological parameters in mullet, *Mugil cephalus*. *Cell Biochemistry and Function* 31 (5): 412-416
- FAZIO F., MARAFIOTI S., ARFUSO F., PICCIONE G. **FAGGIO C.** (2013). Influence of different salinity on haematological and biochemical parameters of the widely cultured mullet, *Mugil cephalus*. *Marine Freshwater Behaviour Physiology* 46 (4): 211-218
- SCHMIDT E.M., SCHMID E., MÜNZER P., HERMANN A., EYRICH A.K., RUSSO A., WALKER B., GU S., MÜLLER VOM HAGEN J., **FAGGIO C.**, SCHALLER M., FÖLLER M., SCHÖLS L., GAWAZ M., BORST O., STORCH A., STOURNARAS C., LANG F.(2013). Chorein sensitivity of cytoskeletal organization and degranulation of platelets. *FASEB J.* 27 (7): 2799-2806
- SHUMILINA E., NURBAEVA M.K., YANG W., SCHMID E., SZTEYN K., RUSSO A., HEISE N., LEIBROCK C., XUAN N.T., **FAGGIO C.**, KURO-O M., LANG F. (2013). Altered regulation of cytosolic Ca²⁺ concentration in dendritic cells from klotho hypomorphic mice. *American Journal of Physiology. Cell Physiology* 2013 305(1):C70-7
- RUSSO A., SCHMID E., NURBAEVA M.K., YANG W., YAN J., BHANDARU M., **FAGGIO C.**, SHUMILINA E., LANG F. (2013). PKB/SGK-dependent GSK3-phosphorylation in the regulation of LPS-induced Ca²⁺ increase in mouse dendritic cells. *Biochemistry Biophysic Research Communications* 437 (3): 336-41
- BORST O., WALKER B., MÜNZER P., RUSSO A., SCHMID E., **FAGGIO C.**, BIGALKE B., LAUFER S., GAWAZ M., LANG F. (2013). Skepinone-L, a novel potent and highly selective inhibitor of p38 MAP Kinase, effectively impairs platelet activation and thrombus formation. *Cellular Physiology and Biochemistry* 18; 31(6):914-924
- PICCIONE G., ARFUSO F., GIANNETTO C., **FAGGIO C.**, PANZERA M. (2013). Effect of housing conditions and owner's schedule on daily total locomotor activity in dogs (*Canis familiaris*). *Biological Rhythm Research*, vol. 44 (3): 421-426
- GENOVESE G., ROMEO O., MORABITO M., ALESSI D., CRISEO G., **FAGGIO C.** (2013). Activity of ethanolic extracts of *Asparagopsis taxiformis* against the major molecular types of *Cryptococcus neoformans/C. gattii* complex *African Journal Microbiology Research* 7(21): 2662- 2667
- BONACCORSI P., AVERSA M.C., BARATTUCCI A., PAPALIA T., TORRE A., TRISCHITTA F., **FAGGIO C.** (2013). Sulfenic acid-derived glycoconjugated disulfides and sulfoxides: a biological evaluation on human red blood cells. *Journal Sulfur Chemistry* 34 (6): 684-691
- PICCIONE G., GIANNETTO C., **FAGGIO C.**, ALBERGHINA D., PANZERA M. (2013). Three- time feeding does not influence insulin daily rhythm in horse. *Biological Rhythm Research* 44, (3): 421-426
- TORRE A., TRISCHITTA F., **FAGGIO C.** (2013). Effect of CdCl₂ on Regulatory Volume Decrease(RVD) in *Mytilus galloprovincialis* digestive cells. *Toxicology in Vitro* 27: 1260–1266
- FAZIO F., **FAGGIO C.**, MARAFIOTI S., TORRE A., SANFILIPPO M., PICCIONE G. (2013). Effect of water quality on hematological and biochemical parameters of *Gobius niger* caught in Farolake (Sicily). *Iranian Journal of Fisheries Sciences* 12(1): 219-231

- FAZIO F., MARAFIOTI S., TORRE A., SANFILIPPO M., PANZERA M., **FAGGIO C.** (2013). Haematological and serum protein profiles of *Mugil cephalus*: effect of two different habitat. *Ichthyology Research* 60 (1): 36-42
- FILICIOTTO F., FAZIO F., MARAFIOTI S., BUSCAINO G., MACCARRONE V., **FAGGIO C.** (2012). Assessment of haematological parameters range values using an automatic method in European sea bass (*Dicentrarchus labrax* L.). *Natura Rerum* 1: 29-36
- FAGGIO C.**, MARAFIOTI S., ARFUSO F., PANZERA M., PICCIONE G., FAZIO F. (2012). Effect of two different habitat on haematological parameters and serum protein profile in *Mugil cephalus*. *Natura Rerum* 1: 19-28
- TRISCHITTA F., TORRE A., **FAGGIO C.** (2012). Genistein: effect on the ion transport of the intestine of seawater adapted, *Anguilla anguilla*. *Natura Rerum* 1: 9-18
- ZELENAK C., PASHAM V., JILANI K., TRIPODI P.M., ROSACLERIO L., PATHARE G., LUPESCU A., **FAGGIO C.**, QADRI S.M., LANG F. (2012). Tanshinone IIA stimulates erythrocyte phosphatidylserine exposure. *Cellular Physiology and Biochemistry* 30(1): 282-294
- TORRE A., TRISCHITTA F., **FAGGIO C.** (2012). Purinergic receptors and regulatory volume decrease in seabream (*Sparus aurata*) hepatocytes: a videometric study. *Fish Physiology and Biochemistry* 38:1593-1600
- DI PAOLA R., IMPELLIZZERI D., TORRE A., MAZZON E., CAPPELLANI A., **FAGGIO C.**, ESPOSITO E., TRISCHITTA F., CUZZOCREA S. (2012). Effects of palmitoylethanolamide on intestinal injury and inflammation caused by ischemia-reperfusion in mice. *Journal of Leukocyte Biology* 92: 911-920
- WILMES J., HADDAD-TÓVOLLI R., ALESUTAN I., MUNOZ C., SOPJANI M., PELZL L., BOGATIKOV E., FEDELE G., **FAGGIO C.**, SEEBOHM G., FÖLLER M., LANG F. (2012). Regulation of KCNQ1/KCNE1 by beta-catenin. *Molecular Membrane Biology* 29(3-4):87-94
- FAZIO F., SATHEESHKUMAR P., SENTHIL KUMAR D., **FAGGIO C.**, PICCIONE G. (2012). A comparative study of hematological and blood chemistry of Indian and Italian Grey Mullet (*Mugil cephalus* L. 1758). *HOAJ Biology* 1 (5): 1-5
- TRISCHITTA F., **FAGGIO C.**, TORRE A. (2012). Living with high concentrations of urea: They can! *OJAS*. 2 (1): 32-40
- GENOVESE G., **FAGGIO C.**, GUGLIANDOLO C., TORRE A., SPANÒ A., MORABITO M., MAUGERI T. L. (2012). In vitro evaluation of antibacterial activity of *Asparagopsis taxiformis* from the Straits of Messina against pathogens relevant in aquaculture. *Marine Environmental Research* 73:1-6
- PICCIONE G., GIANNETTO C., MARAFIOTI S., **FAGGIO C.**, ALBERGHINA D., FAZIO F. (2012). Training-induced modifications of circadian rhythmicity of peroxidative parameters in horses. *Journal of Animal Physiology and Animal Nutrition* 96: 978-984
- FAZIO F., **FAGGIO C.***, MARAFIOTI S., TORRE A., SANFILIPPO M., PICCIONE G. (2012). Comparative study of haematological profile on *Gobius niger* in two different habitat sites: Faro Lake and Tyrrhenian Sea. *Cahiers de Biologie Marine* 53: 213-219
- FAZIO F., **FAGGIO C.**, MARAFIOTI S., TORRE A., SANFILIPPO M., PICCIONE G. (2011). Physiological response to caught and handling in *Gobius niger*. *Natura Rerum* 1:21-30
- TRISCHITTA F., TORRE A., FEDELE G., **FAGGIO C.** (2011). Role of endothelin on the

intestinal transport of seawater adapted Eel, *Anguilla anguilla*. *Natura Rerum* 1:31-42

PICCIONE G., GIANNETTO C., CASELLA S., MARAFIOTI S., VANESSA MESSINA V., ASSENZA A., **FAGGIO C.**, FAZIO F. (2011). Nycthemeral rhythms of total locomotor activity and oxidative markers in horse. *Journal of Applied Biomedicine* 9: 43-48

FAGGIO C., TORRE A, LANDO G, SABATINO G, TRISCHITTA F. (2011). Carbonate precipitates and bicarbonate secretion in the intestine of sea bass, *Dicentrarchus labrax*. *Journal of Comparative Physiology B*; 181(4):517-25

FAGGIO C., TORRE A, PELLE E, RAFFA F, VILLARI V, TRISCHITTA F. (2011). Cell volume regulation following hypotonic shock in hepatocytes isolated from *Sparus aurata*. *Comparative Biochemistry and Physiology - Part A: Molecular & Integrative Physiology* 158(1):143-9

EBERHARD M., FERLINZ K., ALIZZI K., CACCIATO P.M., **FAGGIO C.**, FOLLER M., LANG F. (2010). FTY720-induced suicidal erythrocyte death. *Cellular Physiology and Biochemistry*. 26(4-5):761-6

TRISCHITTA F., **FAGGIO C.** (2008). Gossypol affects ion transport in the isolated intestine of seawater adapted eel, *Anguilla anguilla*. *Comparative Biochemistry and Physiology - Part A: Molecular & Integrative Physiology* 151: 139- 143

TRISCHITTA F., **FAGGIO C.** (2007). Nitric oxide modulates ionic transport in the isolated intestine of the eel, *Anguilla anguilla*. *Comparative Biochemistry and Physiology - Part A: Molecular & Integrative Physiology* 148: 368- 373

TRISCHITTA F., **FAGGIO C.** (2006). Effect of the flavonol quercetin on ion transport in the isolated intestine of the eel, *Anguilla anguilla*. *Comparative Biochemistry and Physiology - Part C: Toxicology & Pharmacology* 143: 17- 22

TRISCHITTA F., DENARO M.G., **FAGGIO C.** (2005). Cell volume regulation following hypotonic stress in the intestine of the eel, *Anguilla anguilla*, is Ca^{2+} -dependent. *Comparative Biochemistry and Physiology - Part B: Biochemistry & Molecular Biology* 140: 359- 367

TRISCHITTA F., DENARO M.G., **FAGGIO C.** (2004). Ion transport in the intestine of *Gobius niger* in both isotonic and hypotonic conditions. *Journal of Experimental Zoology A* 301: 49- 62

TRISCHITTA F., DENARO M.G., **FAGGIO C.**, LIONETTO M.G. (2001). Ca^{2+} regulation of paracellular permeability in the middle intestine of the eel, *Anguilla anguilla*. *Journal of Comparative Physiology B*. 171: 85- 90

FAGGIO C., DENARO M.G., LIONETTO M.G., TRISCHITTA F. (2000). Protective effects of prostaglandins in the isolated gastric mucosa of the eel, *Anguilla anguilla*. *Journal of Comparative Physiology B*. 170: 357- 363

TRISCHITTA F., DENARO M.G., **FAGGIO C.** (1999). Effects of acetylcholine, serotonin and noradrenalin on ion transport in the middle and posterior part of *Anguilla anguilla* intestine. *Journal of Comparative Physiology. B*, 169: 370- 376

TRISCHITTA F., DENARO M.G., **FAGGIO C.**, MANDOLFINO M., SCETTINO T. (1998). H^+ and Cl^- secretion in the stomach of the teleost fish, *Anguilla anguilla*: stimulation by histamine and carbachol. *Journal of Comparative Physiology B* 168: 1- 8,

TRISCHITTA F., DENARO M.G., **FAGGIO C.**, MANDOLFINO M., SCETTINO T. (1996). Different effects of cGMP and cAMP in the intestine of the European eel, *Anguilla anguilla*. *Journal of Comparative Physiology B* 166: 30- 36,

TRISCHITTA F., DENARO M.G., **FAGGIO C.**, FUCILE F., SCHETTINO T. (1994). Effect of pH on transepithelial electrical parameters in seawater-adapted eel intestine. *Journal Comparative Physiology B* 164: 286- 291

TRISCHITTA F., DENARO M.G., **FAGGIO C.**, SCHETTINO T. (1992). An attempt to determine the mechanisms of Cl⁻ exit across the basolateral membrane of eel intestine -use of different Cl⁻ transport pathway inhibitors. *Journal of Experimental Zoology* 264: 11- 18

TRISCHITTA F., DENARO M.G., **FAGGIO C.**, SCHETTINO T. (1992). Comparison of Cl⁻ - absorption in the intestine of the seawater-adapted and fresh-water-adapted eel, *Anguilla anguilla*. Evidence for the presence of an Na-K-Cl cotransport system on the luminal membrane of the enterocyte. *Journal of Experimental Zoology* 263: 245- 253

SCHETTINO T., TRISCHITTA F., DENARO M.G., **FAGGIO C.**, FUCILE I. (1992). Requirement of HCO₃⁻ for Cl⁻ absorption in seawater-adapted eel intestine. *Pflugers Archiv* 421: 146- 154

***Corresponding author**