

Curriculum Vitae et Studiorum Dr. Giorgia Gioacchini

PERSONAL DATA

Birth date and place: Osimo 07 May 1977
Address: Via Manin n°19, Osimo (AN) 60027
Italian citizenship
Phone:00390712204649 mobile phone 00393391321220
E-mail: giorgia.gioacchini@univpm.it
ORCID CODE: orcid.org/0000-0003-1187-7302

LANGUAGES SKILLS:

Italian: Mother Tongue
English: Fluent in written and spoken
French: Elementary
Spanish: Beginner

ACADEMIC DEGREES

2002 SPECIALIST DEGREES IN BIOLOGICAL SCIENCES, AT THE POLYTECHNIC UNIVERSITY OF MARCHE.
2011 PHD IN BIOMOLECULAR SCIENCE AT THE POLYTECHNIC UNIVERSITY OF MARCHE.
2014 NATIONAL SCIENTIFIC QUALIFICATION (ABILITAZIONE SCIENTIFICA NAZIONALE) TO BECOME AN ASSOCIATE PROFESSOR IN THE SCIENTIFIC AREA "COMPARATIVE ANATOMY AND CYTOLOGY" (05/B2)
2018 RENEWAL OF NATIONAL SCIENTIFIC QUALIFICATION (ABILITAZIONE SCIENTIFICA NAZIONALE) TO BECOME AN ASSOCIATE PROFESSOR IN THE SCIENTIFIC AREA "COMPARATIVE ANATOMY AND CYTOLOGY" (05/B2)
2018 NATIONAL SCIENTIFIC QUALIFICATION (ABILITAZIONE SCIENTIFICA NAZIONALE) TO BECOME A FULL PROFESSOR IN THE SCIENTIFIC AREA "COMPARATIVE ANATOMY AND CYTOLOGY" (05/B2)

WORKING EXPERIENCE:

01/09/2015 – TO DATE RESEARCHER POSITION (RTDb) (BIO/06) AT THE DEPARTMENT OF LIFE AND ENVIRONMENTAL SCIENCE- POLYTECHNIC UNIVERSITY OF MARCHE (UNIVPM) - ANCONA – ITALY.
01/04/2018 - 31/08/2018 RESERCH FELLOWSHIP AT THE DEPARTMENT OF LIFE AND ENVIRONMENTAL SCIENCE - UNIVPM
01/04/2015 – 31/03/2018 RESEARCHER POSITION (RTDA) (BIO/06) AT THE DEPARTMENT OF LIFE AND ENVIRONMENTAL SCIENCE- POLYTECHNIC UNIVERSITY OF MARCHE (UNIVPM) - ANCONA – ITALY.
FROM 01/10/2012 TO 01/04/2015 RESEARCH FELLOWSHIP AT THE DEPARTMENT OF LIFE AND ENVIRONMENTAL SCIENCE- POLYTECHNIC UNIVERSITY OF MARCHE (UNIVPM) - ANCONA - ITALY
2011-2012 RESEARCH CONTRACTOR AT TECNOBIOS PROCREAZIONE CENTRE FOR REPRODUCTIVE HEALTH, BOLOGNA, ITALY
01/01/2007 – 31/12/2010 PHD FELLOWSHIP AT THE DEPARTMENT OF LIFE AND ENVIRONMENTAL SCIENCE UNIVPM
01/06/2007 - 31/12/2007 RESERCH FELLOWSHIP AT THE DEPARTMENT OF LIFE AND ENVIRONMENTAL SCIENCE - UNIVPM
01/05/2006 - 31/08/2006 RESERCH FELLOWSHIP AT THE DEPARTMENT OF LIFE AND ENVIRONMENTAL SCIENCE - UNIVPM
01/07/2005 - 30/04/2006 RESEARCH FELLOWSHIP AT THE DEPARTMENT OF LIFE AND ENVIRONMENTAL SCIENCE - UNIVPM
01/10/2004 - 31/05/2005 RESERCH FELLOWSHIP AT THE DEPARTMENT OF LIFE AND ENVIRONMENTAL SCIENCE - UNIVPM
16/01/2003 - 15/07/2003 RESERCH FELLOWSHIP AT THE DEPARTMENT OF LIFE AND ENVIRONMENTAL SCIENCE – UNIVPM

RESEARCH ACTIVITY:

SCIENTIFIC SKILLS:

GIORGIA GIOACCHINI FOCUSED HER RESEARCH ACTIVITY ON STUDYING AQUATIC ORGANISMS REPRODUCTIVE ENDOCRINOLOGY AND PHYSIOLOGY AS WELL AS DEVELOPMENTAL BIOLOGY, METABOLISM REGULATION, APPETITE CONTROL, GROWTH, IMMUNE SYSTEM AND STRESS RESPONSE.

NATIONAL AND INTERNATIONAL RESEARCH PROGRAM PARTECIPATION

2018 STRATEGIC UNIVERSITY PROJECTS "Role of exocytotic presynaptic proteins-induced alterations of synaptic plasticity in aging-associated cognitive decline. (PARTICIPANT)

2017 Ministero delle Politiche Agricole Alimentari e Forestali (MIPAAF), (note 6775, Art.36 Paragraph 1 Reg (UE9 n 508/2014), (PARTICIPANT)

2017 CERIC-ERIC PROPOSAL N° 20172062: Analysis of the bioaccumulation of toxic elements in commercial fish by using FTIR and XRF methods. (PRINCIPAL INVESTIGATOR)

2016 Ministero delle Politiche Agricole Alimentari e Forestali (MIPAAF), (note 6775, Art.36 Paragraph 1 Reg (UE9 n 508/2014), (PARTICIPANT)

2015 ELETTRA PROPOSAL N° 20145199: SR FTIR analysis on living human granulosa cells exposed to Bisphenol A. (PRINCIPAL INVESTIGATOR)

GFI 2014 (Grant for Fertility Innovation) IR Microspectroscopy on GCs: a new non-invasive oocyte assessment-Funded by Merk Serono. (PARTICIPANT)

2014 ELETTRA PROPOSAL N° 20135178: Characterization of human Granulosa Cells through MD-IRMS analysis (PRINCIPAL INVESTIGATOR)

2014 ELETTRA PROPOSAL N° 20135392: Characterization of Oxidative DNA damage in human sperm through MD-IRMS analysis. (PRINCIPAL INVESTIGATOR)

2014 ELETTRA PROPOSAL N° 20135388: Cell death induced in tumoral epithelial cells: SR-IRMS analysis. (PRINCIPAL INVESTIGATOR)

2014 FONDI DI ATENEO 2014: Effects of Endocrine Disruptors compounds on Granulosa cells (PARTICIPANT)

2013 FONDI DI ATENEO 2013: Titolo Ruolo di Ambra1 nell'oogenesi di Danio rerio. (PARTICIPANT)

2013-2015 PRIN 2010-11- 2013-2015 Turmoil exerted by endocrine disruptors in vertebrates: emerging aspects in the induction of obesity and reproductive activity alteration. (PARTICIPANT)

2012-2014 Ministero della Sanità 2009 - RF - 2009 – 15336185 Food and environmental safety: the problem of endocrine disruptors. (PARTICIPANT)

2012-2014 MiSe-ICE-CRUI prog 210 Innovative processes for the formulation of functional probiotic supplements to promote the welfare and growth of fish species in aquaculture. (PARTICIPANT)

2013 ELETTRA PROPOSAL N° 20130057 A new approach to oral carcinogenesis: MD-IRMS analysis of tumoral epithelial cells. (PARTICIPANT)

2012 ELETTRA PROPOSAL N° 20120332: Synchrotron FT-IR microspectroscopic analysis on cryopreserved human gametes. (PARTICIPANT)

2012-2015 AQUAGAMETE COST FA 1205 European Cooperation in Science and Technology Assessing and improving the quality of aquatic animal gametes to enhance aquatic resources. The need to harmonize and standardize evolving methodologies, and improve transfer from academia to industry. (PARTICIPANT)

2010 FONDI DI ATENEO 2010. Effects of Phthalates on zebrafish reproduction. (PARTICIPANT)

2009 ELETTRA PROPOSAL N° 20090042: Synchrotron FT-IR Microspectroscopic analysis on zebrafish oocytes. (PARTICIPANT)

2009 FONDI DI ATENEO 2009. Effects of melatonin on zebrafish reproduction. ((PARTICIPANT)

2008 FONDI DI ATENEO 2008. Phthalates: effects on appetite and metabolism of teleost. (PARTICIPANT)

2006 FONDI DI ATENEO 2006. Use of probiotics as dietary supplements to improve the welfare of farmed aquatic organisms. (PARTICIPANT)

2005 FONDI DI ATENEO 2005. Optimization of molecular techniques for the detection of the presence of PAHs in the environment. (PARTICIPANT)

2005 COFIN 2005: Study of the involvement of the cannabinoid system in response to the first feeding and stress in larvae of the teleost. (PARTICIPANT)

2003 MIUR AZIONI INTEGRATE Italia-Spagna “Development of enzymatic assays for fish ovarian proteinase (cathepsins) and their application as biological markers for oocyte viability in gamete cryopreservation methodologies”. (PARTICIPANT)

TEACHING ACTIVITIES:

-Professor of Cytology and Histology course (2015/2016), Professor of Reproduction of Marine Organism (2016/2017), Professor of Blue Growth and Biotechnology (2017/2018 and 2018/2019).

-Tutoring activities in the teaching of Developmental Biology and Biology of Reproduction courses.

-Member of Developmental Biology, Biology of reproduction and Aquaculture exams commission.

SUPERVISION OF STUDENTS

Tutor of 4 and Co-tutor of 10 experimental thesis within Developmental Biology and Biology of Reproduction courses.

LABORATORY SKILLS

DR GIOACCHINI EXPLOITED SEVERAL MOLECULAR, BIOCHEMICAL AND SPECTROSCOPICAL ASSAYS. SHE HAS A GREAT EXPERIENCE IN REAL TIME PCR, FTIR MICROSPECTROSCOPY, IN SITU AND WHOLE MOUNT HYBRIDIZATION, SDS-PAGE AND WESTERN BLOT, ENZYMATIC ASSAY, IN VITRO CELL CULTURE AND EX-VIVO TISSUE CULTURE.

REVIEWER ACTIVITY

-reviewer of PLoS ONE, Vaccine, Gene, Fish and Shellfish Immunology, General and Comparative Endocrinology, Fisheries and Aquaculture Journal, Aquaculture International, Chemistry and Ecology.

-National reviewer for Italian Interuniversity Consortium (CINECA), VQR 2011-2014

-FOREIGN EXPERT OF STATE SCIENTIFIC AND TECHNICAL EXPERTISE for the State Science and Technology Evaluation (SSTE) of the Government of the Republic of Kazakhstan.

AWARD AND GRANT

-FEEMS MEETING ATTENDANCE GRANT (2010)

-Italian Partial Support for the ELETTRA PROPOSAL N° 20135178: Characterization of human granulosa cells through MD-IRMS analysis (2014)

-Italian Partial Support for the ELETTRA PROPOSAL N° 20145199: SR FTIR analysis on living human granulosa cells exposed to Bisphenol A (2015)

-Cost support from EPICONCEPT -COST-TS-ECOST-TRAINING_SCHOOL-FA1201-180515-055940 (2015).

-CERIC-ERIC through funding from the Italian Ministry for Education, University and Research. PROPOSAL 20172062: Analysis of the bioaccumulation of toxic elements in commercial fish by using FTIR and XRF methods. (2017)

TECHNOLOGY TRANSFER:

Founding member of the University spin-off OceaAN soc. coop. (2003)

TRAINING SCHOOL, SEMINAR, WORKSHOP AND SYMPOSIA

2018 9.baby Symposium 2018 - Bologna, 25-27 October 2018

2018 Workshop BIG Blue Italian Growth Technology Cluster

2017 Workshop Fisheries and Blue Growth: new challenges and environmental sustainability.

Fano (AN) 6 December
 2017 9.baby Symposium 2017 - Napoli, 5-7 October 2017
 2015 Epigenetics training school (Epiconcept), 18-21 May Espinardo Campus, Murcia University, Spain
 2014 Summer school on Nutrigenomics, 1-5 September Camerino (MC)
 2014 30th ESHRE Congress 29 June-2 July, Munich Germany
 2014 National Congress Reproductive Medicine, 15-17 May Riccione (RM)
 2012 ESHRE Campus "Basic genetics for ART practitioners" 7 September Rome Italy
 2012 Seminar "new instruments and strategies of genetic analysis in a biomedical laboratory", 20 June, Padova Italy
 2011 Tecnobios Procreazione Symposium, September Desenzano del Garda (BS) Italy
 2011 Workshop Speed³ Protein 2011, 8 June Ancona Italy
 2010 Campus ESHRE: Fertility preservation in cancer. 25-26 November Bologna Italy
 2010 Tecnobios Procreazione Symposium. 24-25 November Bologna Italy
 2010 Symposium: Biotechnology: Medicine and Health, the Italian experience. 16 September Rimini Italy
 2010 Pre-congress course of ESHRE: Stem Cells. 29 June Rome Italy
 2010 Seminar: Biotechnology and Medicine. 12 May Ancona Italy
 2009 Stem cell differentiation training course, 19-22 May Napoli Italy
 2007 Seminar "qPCR Solutions: PCR real Time" 4 December, Ancona

SCIENTIFIC PUBLICATIONS

60 papers in peer-reviewed journals, 1 book chapter, 9 structured abstract in international meeting special issues, and 2 papers in national meeting book. **h-index:19, ORCID CODE: orcid.org/0000-0003-1187-7302.**

A. INTERNATIONAL PEER REVIEWED JOURNALS

1. NOTARSTEFANO V, GIOACCHINI G, BYRNE HJ, ZACÀ C, SERENI E, VACCARI L, BORINI A, CARNEVALI O, GIORGINI E. (2019) VIBRATIONAL CHARACTERIZATION OF GRANULOSA CELLS FROM PATIENTS AFFECTED BY UNILATERAL OVARIAN ENDOMETRIOSIS: NEW INSIGHTS FROM INFRARED AND RAMAN MICROSCOPY. SPECTROCHIMICA ACTA PART A: MOLECULAR AND BIOMOLECULAR SPECTROSCOPY 212 :206–214
2. FORNER-PIQUER I, MYLONAS CC, CALDUCH-GINER J, MARADONNA F, GIOACCHINI G, ALLARÀ M, PISCITELLI F, DI MARZO V, PÉREZ-SÁNCHEZ J, CARNEVALI O. 2018 ENDOCRINE DISRUPTORS IN THE DIET OF MALE SPARUS AURATA: MODULATION OF THE ENDOCANNABINOID SYSTEM AT THE HEPATIC AND CENTRAL LEVEL BY DI-ISONONYL PHTHALATE AND BISPHENOL A. ENVIRON INT. OCT;119:54-65. DOI: 10.1016/J.ENVINT.2018.06.011. EPUB 2018 JUN 19.
3. GIORGINI, E RANDAZZO, B, GIOACCHINI, G ; CARDINALETTI, G, VACCARI, L; TIBALDI, E; OLIVOTTO, I (2018) NEW INSIGHTS ON THE MACROMOLECULAR BUILDING OF RAINBOW TROUT (O-MYKISS) INTESTINE: FTIR IMAGING AND HISTOLOGICAL CORRELATIVE STUDY AQUACULTURE 497 : 1-9 DOI: 10.1016/J.AQUACULTURE.2018.07.032
4. ZARANTONIELLO, M; BRUNI, L; RANDAZZO, B ; VARGAS, A; GIOACCHINI, G; TRUZZI, C; ANNIBALDI, A; RIOLO, P; PARISI, G; CARDINALETTI, G ; TULLI, F; OLIVOTTO, I. (2018) PARTIAL DIETARY INCLUSION OF HERMETIA ILLUCENS (BLACK SOLDIER FLY) FULL-FAT PREPUPAE IN ZEBRAFISH FEED: BIOMETRIC, HISTOLOGICAL, BIOCHEMICAL, AND MOLECULAR IMPLICATIONS. ZEBRAFISH 15 ISSUE: 5 OI: 10.1089/ZEB.2018.1596
5. VARGAS, A; RANDAZZO, B; RIOLO, P; TRUZZI, C; GIOACCHINI, G; GIORGINI, E ; LORETO, N; RUSCHIONI, S; ZARANTONIELLO, M; ANTONUCCI, M; POLVERINI, S; CARDINALETTI, G; SABBATINI, S; TULLI, F; OLIVOTTO, I. 2018 REARING ZEBRAFISH ON BLACK SOLDIER FLY (HERMETIA ILLUCENS): BIOMETRIC, HISTOLOGICAL, SPECTROSCOPIC, BIOCHEMICAL, AND MOLECULAR IMPLICATIONS. ZEBRAFISH 15 ISSUE: 4 DOI: 10.1089/ZEB.2017.1559
6. GIOACCHINI G., NOTARSTEFANO, V., SERENI, E., ZACÀ, C., GIORGINI, E., VACCARI, L. CARNEVALI,

- O.,BORINI,A. (2018). DOES THE MOLECULAR AND METABOLIC PROFILE OF HUMAN GRANULOSA CELLS (GCs) CORRELATE WITH OOCYTE FATE? NEW INSIGHTS BY FOURIER TRANSFORM INFRARED MICROSCOPY (FTIRM) ANALYSIS. MOL. HUMAN REP. 1–12, DOI:10.1093/MOLEHR/GAY035
7. SANTANGELI S., NOTARSTEFANO V., MARADONNA F., GIORGINI F., GIOACCHINI G., FORNER-PIQUER I., HABIBI H., CARNEVALI O. (2018). EFFECTS OF DIETHYLENE GLYCOL DIBENZOATE AND BISPHENOL A ON THE LIPID METABOLISM OF DANIO RERIO. STOTEN,635,641-655.
 8. GIOACCHINI, G., CIANI E.,PESSINA A.,CECCHINI C.,SILVI S.,RODILES A.,MERRIFIELD L. D.,OLIVOTTO I.,CARNEVALI O. (2018).EFFECTS OF LACTOGEN 13, A NEW PROBIOTIC PREPARATION, ON GUT MICROBIOTA AND ENDOCRINE SIGNALS CONTROLLING GROWTH AND APPETITE OF OREOCHROMIS NILOTICUS JUVENILES. MICROBIAL ECOLOGY DOI: 10.1007/s00248-018-1177-
 9. RANDAZZO B, ROLLA L, OFELIO C, PLANAS M, GIOACCHINI G, VARGAS A, GIORGINI E, OLIVOTTO I. (2018) THE INFLUENCE OF DIET ON THE EARLY DEVELOPMENT OF TWO SEAHORSE SPECIES (H. GUTTULATUS AND H. REIDI): TRADITIONAL AND INNOVATIVE APPROACHES.AQUACULTURE490:75–90HTTPS://DOI.ORG/10.1016/J.AQUACULTURE.2018.02.029
 10. SANTANGELI S, MARADONNA F; ZANARDINI M, NOTARSTEFANO V; GIOACCHINI G; FORNER-PIQUER I; HABIBI H; CARNEVALI O. (2017) EFFECTS OF DIISONONYL PHTHALATE ON DANIO RERIO REPRODUCTION. ENVIRONMENTAL POLLUTION 231:1051-1062 PART: 1 DOI: 10.1016/J.ENVPOL.2017.08.060
 11. FORNER-PIQUER I, MARADONNA F, GIOACCHINI G, SANTANGELI S, ALLARA M, PISCITELLI F, HABIBI HR, DI MARZO V AND CARNEVALI O. (2017) DOSE-SPECIFIC EFFECTS OF DI-ISONONYL PHTHALATE ON THE ENDOCANNABINOID SYSTEM AND ON LIVER OF FEMALE ZEBRAFISH. ENDOCRINOLOGY 158:3462-3476. DOI: 10.1210/EN.2017-00458
 12. FACCHINELLO N, SKOBO T, MENEGHETTI G, COLLETTI E, MR. DINARELLO A, TISO N, COSTA R, GIOACCHINI, G., CARNEVALI O, ARGENTON F AND COLOMBO L. (2017) NR3C1 NULL MUTANT ZEBRAFISH ARE VIABLE AND REVEAL DNA-BINDING-INDEPENDENT ACTIVITIES OF THE GLUCOCORTICOID RECEPTOR. SCIENTIFIC REPORTS 7 ARTICLE NUMBER: 4371. DOI: 10.1038/s41598-017-04535-6
 13. SANTANGELI S, MARADONNA F, OLIVOTTO I, PICCINETTI CC, GIOACCHINI G AND CARNEVALI O. (2017) EFFECTS OF BPA ON FEMALE REPRODUCTIVE FUNCTION: THE INVOLVEMENT OF EPIGENETIC MECHANISM. GENERAL AND COMPARATIVE ENDOCRINOLOGY 245: 122-126 SPECIAL ISSUE: SI DOI: 10.1016/J.YGCEN.2016.08.010
 14. GIOACCHINI G, ROSSI G, CARNEVALI O. (2017) HOST-PROBIOTIC INTERACTION: NEW INSIGHT INTO THE ROLE OF THE ENDOCANNABINOID SYSTEM BY IN VIVO AND EX VIVO APPROACHES. SCIENTIFIC REPORTS. 7 ARTICLE NUMBER: 1261. DOI: 10.1038/s41598-017-01322-1
 15. CARNEVALI O, MARADONNA F AND GIOACCHINI G. (2017) INTEGRATED CONTROL OF FISH METABOLISM, WELLBEING AND REPRODUCTION: THE ROLE OF PROBIOTIC. AQUACULTURE 472:144-155 SPECIAL ISSUE: SI. DOI: 10.1016/J.AQUACULTURE.2016.03.037
 16. MAZZEO I, GIORGINI E, GIOACCHINI G, MARADONNA F, VILCHEZ MC, BALOCHE S., DUFOUR S, PEREZ L, CARNEVALI O, AND ASTURIANO JF. (2016) A COMPARISON OF TECHNIQUES FOR STUDYING OOGENESIS IN THE EUROPEAN EEL ANGUILLA ANGUILLA. JOURNAL OF FISH BIOLOGY 89:2055-2069. DOI: 10.1111/JFB.13103.
 17. MARTELLA A, SILVESTRI C, MARADONNA F, GIOACCHINI G, ALLARA M, RADAELLI G, OVERBY DR, DI MARZO V AND CARNEVALI O. (2016) BISPHENOL A INDUCES FATTY LIVER BY AN ENDOCANNABINOID-MEDIATED POSITIVE FEEDBACK LOOP. ENDOCRINOLOGY 157:1751-1763. DOI: 10.1210/EN.2015-1384.
 18. SANTANGELI S, MARADONNA F, GIOACCHINI G, COBELLIS G, PICCINETTI CC, DALLA VALLE L AND CARNEVALI O. (2016) BPA-INDUCED DEREGULATION OF EPIGENETIC PATTERNS: EFFECTS ON FEMALE ZEBRAFISH REPRODUCTION. SCIENTIFIC REPORTS 6:21982 DOI: 10.1038/SREP21982

19. GASPARINI F, SKOBO T, BENATO F, GIOACCHINI G, VOSKOBOYNIK A, CARNEVALI O, MANNI L AND DALLA VALLE LD. (2016) CHARACTERIZATION OF AMBRA1 IN ASEXUAL CYCLE OF A NON-VERTEBRATE CHORDATE, THE COLONIAL TUNICATE BOTRYLLUS SCHLOSSERI, AND PHYLOGENETIC ANALYSIS OF THE PROTEIN GROUP IN BILATERIA. MOLECULAR PHYLOGENETICS AND EVOLUTION 95: 46-57 DOI:10.1016/J.YMPEV.2015.11.001.
20. FALCINELLI S, RODILES A, UNNIAPPAN S, PICCHIETTI S, GIOACCHINI G, MERRIFIELD DL AND CARNEVALI O. (2016) PROBIOTIC TREATMENT REDUCES APPETITE AND GLUCOSE LEVEL IN THE ZEBRAFISH MODEL. SCIENTIFIC REPORTS 6:18061 DOI: 10.1038/SREP18061.
21. VILCHEZ MC, SANTANGELI S, MARADONNA F, GIOACCHINI G, VERDENELLI C, GALLEGRO V, PENARANDA DS, TVEITEN H, PEREZ L, CARNEVALI O AND ASTURIANO JF. (2015) EFFECT OF THE PROBIOTIC LACTOBACILLUS RHAMNOSUS ON THE EXPRESSION OF GENES INVOLVED IN EUROPEAN EEL SPERMATOGENESIS 2015 THERIOGENOLOGY 84:1321-1331 DOI:10.1016/J.THERIOGENOLOGY.2015.07.011
22. FALCINELLI S, PICCHIETTI S, RODILES A, COSSIGNANI L, MERRIFIELD DL, TADDEI AR, MARADONNA F, OLIVOTTO I, GIOACCHINI G AND CARNEVALI O. (2015) LACTOBACILLUS RHAMNOSUS LOWERS ZEBRAFISH LIPID CONTENT BY CHANGING GUT MICROBIOTA AND HOST TRANSCRIPTION OF GENES INVOLVED IN LIPID METABOLISM. SCIENTIFIC REPORTS 5:9336. DOI: 10.1038/SREP09336
23. MICCOLI A, GIOACCHINI G, MARADONNA F, BENATO F, SKOBO T, CARNEVALI O. (2015) BENEFICIAL BACTERIA AFFECT DANIO RERIO DEVELOPMENT BY THE MODULATION OF MATERNAL FACTORS INVOLVED IN AUTOPHAGIC, APOPTOTIC AND DORSALIZING PROCESSES. CELLULAR PHYSIOLOGY AND BIOCHEMISTRY 35:1706-1718 DOI: 10.1159/000373983.
24. MARADONNA F, NOZZI V, DALLA VALLE L, TRAVERSI I, GIOACCHINI G, BENATO F, COLLETTI E, GALLO P, DI MARCO PISCIOTTANO I, MITA DG, HARDIMAN G, MANDICH A, CARNEVALI O. (2014) A DEVELOPMENTAL HEPATOTOXICITY STUDY OF DIETARY BISPHENOL A IN SPARUS AURATA JUVENILES. COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY PART C: TOXICOLOGY & PHARMACOLOGY 166:1–13. DOI: 10.1016/J.CBPC.2014.06.004
25. GIORGINI E, GIOACCHINI G, SABBATINI S, CONTI C, VACCARI L, BORINI A, CARNEVALI O AND TOSI G. (2014) VIBRATIONAL CHARACTERIZATION OF FEMALE GAMETES: A COMPARATIVE STUDY. CRITICAL REVIEW ANALYST 139:5049. DOI: 10.1039/C4AN00684D.
26. TRAVERSI I, GIOACCHINI G, SCOROLLI A, MITA DG, CARNEVALI O AND MANDICH A. (2014) ALKYLPHENOLIC CONTAMINANTS IN THE DIET: SPARUS AURATA JUVENILES HEPATIC RESPONSE. GENERAL AND COMPARATIVE ENDOCRINOLOGY 205:185–196. DOI: 10.1016/J.YGCEN.2014.06.015
27. LOMBARDO F, GIOACCHINI G, FABBROCINI A, CANDELMA M, D'ADAMO R, GIORGINI E AND O CARNEVALI. (2014) MELATONIN-MEDIATED EFFECTS ON KILLIFISH REPRODUCTIVE AXIS. COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY - PART B: BIOCHEMISTRY & MOLECULAR BIOLOGY. 172,31-38. DOI: 10.1016/J.CBPA.2014.02.008
28. GIOACCHINI G, GIORGINI E, OLIVOTTO I, MARADONNA F, MERRIFIELD DL AND CARNEVALI O. (2014) THE INFLUENCE OF PROBIOTICS ON ZEBRAFISH DANIO RERIO INNATE IMMUNITY AND HEPATIC STRESS. ZEBRAFISH 11:2 DOI:10.1089/ZEB.2013.0932
29. GIOACCHINI G, GIORGINI E, VACCARI L, FERRARIS P, SABBATINI S, BIANCHI V, BORINI A AND CARNEVALI O. (2014) A NEW APPROACH TO EVALUATE AGING EFFECTS ON HUMAN OOCYTES: FOURIER TRANSFORM INFRARED IMAGING SPECTROSCOPY STUDY. FERTILITY AND STERILITY 101: 120-127. DOI: 10.1016/J.FERTNSTERT.2013.09.012.
30. RAWLING MD, MERRIFIELD DL, KUHLWEIN H, SNELGROVE D, GIOACCHINI G, CARNEVALI O AND DAVIES SJ. (2014) DIETARY MODULATION OF IMMUNE RESPONSE AND RELATED GENE EXPRESSION PROFILES IN MIRROR CARP (CYPRINUS CARPIO) USING SELECTED EXOTIC FEED INGREDIENTS. AQUACULTURE 418: 177-184. DOI: 10.1016/J.AQUACULTURE.2013.10.002.
31. MARADONNA F, GIOACCHINI G, FALCINELLI S, BERTOTTO D, RADAELLI G, OLIVOTTO I AND

- CARNEVALI O. (2013) PROBIOTIC SUPPLEMENTATION PROMOTES CALCIFICATION IN DANIO RERIO LARVAE: A MOLECULAR STUDY. PLOS ONE 8: e83155. DOI: 10.1371/JOURNAL.PONE.0083155.
32. ABID A, DAVIES SJ, WAINES R, EMERY M, CASTEX M, GIOACCHINI G, CARNEVALI O, BICKERDIKE R, ROMERO J, MERRIFIELD DL. (2013) DIETARY SYNBIOTIC APPLICATION MODULATES ATLANTIC SALMON (*SALMO SALAR*) INTESTINAL MICROBIAL COMMUNITIES AND INTESTINAL IMMUNITY FISH & SHELLFISH IMMUNOLOGY 35: 1948-1956. DOI: 10.1016/J.FSI.2013.09.039.
 33. STANDEN BT, RAWLING MD, DAVIES SJ, CASTEX M, FOEY A, GIOACCHINI G, CARNEVALI O AND MERRIFIELD DL. PROBIOTIC *PELLOCOCCUS ACIDILACTICI* MODULATES BOTH LOCALISED INTESTINAL- AND PERIPHERAL-IMMUNITY IN TILAPIA (*OREOCHROMIS NILOTICUS*) FISH & SHELLFISH IMMUNOLOGY 35: 1097-1104. DOI: 10.1016/J.FSI.2013.07.018
 34. CARNEVALI O, AVELLA MA, GIOACCHINI G. (2013) EFFECTS OF PROBIOTIC ADMINISTRATION ON ZEBRAFISH DEVELOPMENT AND REPRODUCTION. GENERAL AND COMPARATIVE ENDOCRINOLOGY 188: 297-302. DOI: 10.1016/J.YGCEN.2013.02.022
 35. BENATO F, SKOBO T, GIOACCHINI G, MORO I, CICCOSANTI F, PIACENTINI M, FIMIA GM, CARNEVALI O AND DALLA VALLE L. (2013) *AMBRA1* KNOCKDOWN IN ZEBRAFISH LEADS TO INCOMPLETE DEVELOPMENT DUE TO SEVERE DEFECTS IN ORGANOGENESIS. AUTOPHAGY 9 476-495. DOI: 10.4161/AUTO.23278.
 36. MARADONNA F, EVANGELISTI M, GIOACCHINI G, MIGLIARINI B, OLIVOTTO I AND CARNEVALI O. (2013) ASSAY OF VTG, ERS AND PPARs AS ENDPOINT FOR THE RAPID IN VITRO SCREENING OF THE HARMFUL EFFECT OF DI-(2-ETHYLHEXYL)-PHTHALATE (DEHP) AND PHTHALIC ACID (PA) IN ZEBRAFISH PRIMARY HEPATOCYTE CULTURES. TOXICOLOGY IN VITRO. 27:84-91. DOI: 10.1016/J.TIV.2012.09.018
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 30. G. GIOACCHINI, F. LOMBARDO, DL MERRIFIELD, S SILVI AND O CARNEVALI. INCREASE OF FECUNDITY BY PROBIOTIC ADMINISTRATION IN ZEBRAFISH DANIO RERIO. AQUACULTURE EUROPE 2011, 18-21 OCTOBER 2011, RHODES GREECE, ORAL
 31. G GIOACCHINI, O CARNEVALI, E GIORGINI, L VACCARI, V BIANCHI AND A BORINI EFFECTS OF SLOW FREEZING ON HUMAN OOCYTE MACROMOLECULAR BUILDING: A FOURIER TRANSFORM INFRARED (FTIR) IMAGING ANALYSIS. 28TH EUROPEAN SOCIETY HUMAN REPRODUCTION AND EMBRIOLOGY (ESHRE), 1-4 JULY 2012, ISTANBUL TURKEY, POSTER
 32. G GIOACCHINI, E GIORGINI, F MARADONNA, DL MERRIFIELD O CARNEVALI. REDUCTION OF HEPATIC OXIDATIVE STRESS AND APOPTOSIS BY PROBIOTIC ADMINISTRATION IN ZEBRAFISH. AQUA 2012, 1-5 SEPTEMBER 2012, PRAGUE CZECH REPUBLIC, ORAL
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 35. G GIOACCHINI, E CIANI, A PESSINA, DL MERRIFIELD, C VERDENELLI, I OLIVOTTO, O CARNEVALI. GROWTH AND APPETITE CONTROL DURING TILAPIA (*Oreochromis niloticus*) LARVAL DEVELOPMENT: ROLE OF PROBIOTIC. 17 TH INTERNATIONAL CONGRESS OF COMPARATIVE ENDOCRINOLOGY ICCE 2013, 15-19 JULY 2013, BARCELONA SPAIN, POSTER
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OF GENES INVOLVED IN EUROPEAN EEL SPERMATOGENESIS. 4TH INTERNATIONAL WORKSHOP ON THE BIOLOGY OF FISH GAMETES, 17-20 SEPTEMBER 2013, FARO PORTUGAL, POSTER

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45. CARNEVALI, E CIANI, A PESSINA, A RODILES GUERRERO, DL MERRIFIELD, F MARADONNA, I OLIVOTTO, C CECCHINI, G GIOACCHINI. GROWTH AND WELFARE IMPROVEMENT DURING TILAPIA *OREOCHROMIS NILOTICUS* LARVAL DEVELOPMENT: ROLE OF A NEW PROBIOTIC FORMULATION. AQUACULTURE EUROPE 14, 14-17 OCTOBER 2014, DONOSTIA-SAN SEBASTIÁN SPAIN, POSTER
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47. V NOZZI, G GIOACCHINI, F MARADONNA, D DI CRESCENZO, G CARDINALETTI, E TIBALDI, O CARNEVALI. MARINE AQUAPONICS: A SUSTAINABLE TECHNOLOGY MEETS MUCH SUSTAINABLE DIETS. AQUACULTURE EUROPE 14, 14-17 OCTOBER 2014, DONOSTIA-SAN SEBASTIÁN SPAIN, POSTER
48. GIOACCHINI, G., SERENI, E., ZACA, C., NOTARSTEFANO, V., VACCARI, L., GIORGINI, E., BORINI, A. FOURIER TRANSFORM INFRARED (FTIR) SPECTROSCOPY AS A NEW TOOL TO ASSESS MOLECULAR CHANGES OF HUMAN GRANULOSA CELLS INDUCED BY ENDOMETRIOSIS. 14-17 JUNE, 2015 31ST ANNUAL MEETING OF THE EUROPEAN-SOCIETY-OF-HUMAN-REPRODUCTION-AND-EMBRYOLOGY (ESHRE) LISBON, PORTUGAL POSTER
49. GIOACCHINI, G., SERENI, E., ZACA, C., GIORGINI, E., NOTARSTEFANO, V., VACCARI, L., CARNEVALI, O., BORINI, A. COULD THE UNILATERAL OVARIAN ENDOMETRIOSIS AFFECT THE CONTRALATERAL OVARY? NEW INSIGHTS FROM FOURIER TRANSFORM INFRARED (FTIR) SPECTROSCOPY. OCT 17-21, 2015 71ST ANNUAL MEETING OF THE AMERICAN-SOCIETY-FOR-REPRODUCTIVE-MEDICINE, BALTIMORE, MD, USA POSTER
50. NOTARSTEFANO, V., GIOACCHINI, G., GIORGINI, E., ZACA, C., SERENI, E., VACCARI, L., BORINI, A., CARNEVALI, O. ENDOCANNABINOID SYSTEM MODULATION IN WOMEN AFFECTED BY UNILATERAL ENDOMETRIOMA. OCT 17-21, 2015 71ST ANNUAL MEETING OF THE AMERICAN-SOCIETY-FOR-REPRODUCTIVE-MEDICINE, BALTIMORE , MD, USA. ORAL

INVITED TALK TO CONFERENCES:

51. G GIOACCHINI. PROBIOTIC EFFECTS ON GAMETES QUALITY IN TELEOSTS” SEMINARIO DIPARTIMENTO DI SCIENZE MORFOLOGICHE E BIOCHIMICHE COMPARATE DELL’UNIVERSITÀ DEGLI STUDI DI CAMERINO, 21 NOVEMBRE 2008, CAMERINO (MC) ITALY.
52. G GIOACCHINI. EFFECTS OF CRYOPRESERVATION ON HUMAN OOCYTE MACROMOLECULAR BUILDING: THE FT-IR IMAGING ANALYSIS. TECNOBIOS PROCREAZIONE SYMPOSIUM, 15-17 NOVEMBER 2012, ROMA ITALY,
53. G GIOACCHINI. DALLO ZEBRAFISH ALL’UOMO: NUOVI APPROCCI METODOLOGICI NELLA RICERCA

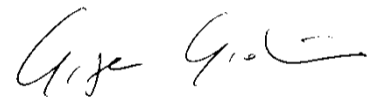
SULL'INFERTILITÀ. ZEISS WORKSHOP "BIOLOGIA MARINA E ONCOLOGIA: NUOVE TENOLOGIE IN MICROSCOPIA. AFFINITÀ E DIFFERENZE APPLICATIVE". 7-8 MAY 2014, CESENATICO ITALY.

54. G GIOACCHINI. GRANULOSA CELLS IN WOMEN WITH ENDOMETRIOSIS. TECNOBIOS PROCREAZIONE SYMPOSIUM,9-11 OCTOBER 2014, ROME ITALY.

55. G GIOACCHINI. FOURIER TRANSFORM INFRARED IMAGING SPECTROSCOPY STUDY TO EVALUATE AGING EFFECTS ON OOCYTES. PRECEPTORSHIP 2014. NEW INSIGHTS IN GONADOTROPHINS SIGNALLING: A CHALLENGE FOR EMBRYOLOGISTS. 23-24 OCTOBER 2014, AMALFI ITALY.

Ancona 25/01/2019

Giorgia Gioacchini

A handwritten signature in black ink, appearing to read "Giorgia Gioacchini". The signature is fluid and cursive, with a long horizontal stroke at the end.