

PERSONAL INFORMATION

Replace with First name(s) Surname(s)



Home: Via Casette 17/C, 48015, Cervia (RA), Italy
 Work: Department Veterinary Medical Sciences (DIMEVET), Cesenatico siege: Viale Vespucci 2, 47042, Cesenatico (FC), Italy
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Sex F | Date of birth 13/01/1968 | Nationality Italian

JOB APPLIED FOR
 POSITION
 PREFERRED JOB
 STUDIES APPLIED FOR
 PERSONAL STATEMENT

Associate Professor, Department Veterinary Medical Sciences (DIMEVET), *Alma Mater Studiorum*. University of Bologna

WORK EXPERIENCE

January 2020- till now

Member of RENTIC (Italian National Register of Certified Toxicologists) and ERT (European Registered Toxicologist)
 Italian Toxicology Society

November 2000- October 2020

Permanent Researcher University of Bologna

1/11/2000-31/12/2010 Department Veterinary Public Health and Animal Pathology, 1/01/2011 till now Department Veterinary Medical Sciences (DIMEVET), *Alma Mater Studiorum* University of Bologna

- Research activity in the field of ecotoxicology, focusing on trace elements monitoring and on endocrine disruption; teaching at first cycle Bachelor degree in Aquaculture and Hygiene of Fish Products

February 2001

PhD in Veterinary Pharmacology and Toxicology

Naples "Federico II" University, Italy

November 23rd 1997

Specialization in Toxicology with a final mark of 70/70 cum laude

Alma Mater Studiorum University of Bologna, Italy

December 16th 1991

Degree in Biological Sciences

Alma Mater Studiorum University of Bologna, Italy

1987

High school leaving qualification in scientific studies

Scientific High school "A. Righi", Cesena, Italy

EDUCATION AND TRAINING

April 2nd-10th 2010

Cascade Spring School

Cascade Spring School "Food safety and environment health risk assessment: A focus on the endocrine active compounds (EACs): genistein, vinclozolin, bisphenol A and dioxins", Orvieto, Italy.

- Training Course organized within the EU CASCADE Project on endocrine disruptors.

September 30th. October 10th 2002

Postgraduate Education in Toxicology

"Toxicological Risk Assessment", Wageningen University, The Netherland.

- Course recognized by EUROTOX for registration as European Toxicologist

September 15th 2002

Continuing Education Course

Continuing Education Course

"Computer-aided modelling in environmental risk assessment", Budapest, Hungary.

- Course organized by EUROTOX 2002

June 30th 1999

EUROTOX Workshop

"Environmental Oestrogens", Oslo, Norway.

- Workshop organized within EUROTOX 1999

June 27th 1999

Continuing Education Course

"Perspectives in Immunotoxicology", EUROTOX '99, Oslo, Norway.

- Course organized within EUROTOX 1999.

June 18th-19th 1998

Course on animal testing

"Harlan Continuing Education Conference", Verona, Italy.

June 12th 1998

Workshop on animal testing

2nd Workshop on Animal Care, Verona, Italy.

June 7th 1996

Workshop on animal testing

1st Workshop on Animal Care, Verona, Italy.

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Spanish	B2	B2	B2	B2	B2
French	B1	B1	B1	B1	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- Good communication skills gained through my experience as teacher and speaker at international conferences

Organisational / managerial skills

- Leadership:
Currently responsible for the Ecotoxicology Laboratory.
2020: Director of the Master in Large Marine Vertebrates Sciences of the University of Bologna, Italy.
2010 Member of the external evaluation group of the XIV Congreso de la Sociedad Mesoamericana para la Biología y la Conservación, San José, Costa Rica.
- Organization of different workshops and meetings:
2016: workshop “Anthropogenic threats to marine mammals of the Mediterranean Sea”, 30th ECS Annual Conference, Funchal, Madeira, Portugal.
2010: workshop “Where to go and what to eat?”, Cesenatico (FC), Italy.
2008: workshop “Contaminants and pathology in marine megavertebrate as environmental assessment tools”, Cesenatico (FC), Italy.
2005: workshop “ENVIRONMENTAL ENDOCRINE DISRUPTERS: an increasing risk for ecosystems, food safety and reproductive health”, Ozzano dell'Emilia (BO), Italy.
- Member of scientific committees:
2019 Scientific Committee of the XXIII European Elasmobranch Association Meeting, Rende (CS), Italy.
2017 till now: Scientific Committee of EAAM (European Association Aquatic Mammals).
- Co-founder of research groups and ONG:
2017: Co-founder of MarLab, society for the conservation of wildlife.
2008: Co-founder of the Research Group on Large Pelagic Vertebrates.

Job-related skills

Foreign evaluation commissions

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| 2017 | International PhD “Sanidad Animal y Seguridad Alimentaria” University of Las Palmas de Gran Canaria, Spagna. |
| 2016 | International PhD “Clinica e Investigacion Terapeutica” University of Las Palmas de Gran Canaria, Spagna. |
| 2013 | International PhD “Sanidad Animal y Seguridad Alimentaria” University of Las Palmas de Gran Canaria, Spagna. |
| 2013 | International PhD “Recursos Naturales y Sostenibilidad” University of Cordoba, Spagna. |

REFEREE

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| 2020 | Referee for National Research, Development and Innovation Office, Hungary. |
| 2013-2019 | Referee for the evaluation of Ministerial programs and project in the sector Life Sciences. Referee for PRIN projects (2017) and VQR (2004-2010; 2011-2014). |
| 2005 ad oggi | Referee for various international journals: Ecotoxicology Environmental Safety; Comparative Biochemistry and Physiology; Journal of Environmental Sciences; Toxicology and Industrial Health; Environmental Toxicology; Fresenius Environmental Bulletin; Journal of Environmental Monitoring; Environmental Monitoring and Assessment; Marine Drugs; Analytica Chemistry Acta; Neurochemistry International; Ecotoxicology and Environmental Safety, Chemosphere, Science of the Total Environment; Marine Drugs; Aquatic Toxicology; Journal of Applied Ichthyology. |

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient	Proficient	Proficient	Independent	Independent

Levels: Basic user - Independent user - Proficient user

[Digital competences - Self-assessment grid](#)

- Good command of office suite (word processor, spread sheet, presentation software)

Driving licence

Italian B

ADDITIONAL INFORMATION

Editorial boards participation

- 2020 Topic Editor for the Journal **International Journal of Environmental Research and Public Health**.
- 2014 till now Editorial Board of "**Boletim do Insituto de Pesca**".
- 2014 -2016 Guest Editor for the Special issue "**Toxicology of Marine mammals: New Developments and Opportunities**" published by **Archives of Environmental Contamination and Toxicology**.

Teaching activity

- 2018/19-2019/20 "**Ecotoxicology**" Degree in Aquaculture and Hygiene of Fish Products, *Alma Mater Studiorum* University of Bologna, 4CFU/40 h.
 "**Toxicology residues in animal products/fish and mollusks**" Specialization School in Animal Health, Breeding and Zootechnical Productions, *Alma Mater Studiorum* University of Bologna, 2CFU/16 h.
 "**Biology of sea turtles and cetaceans**" Degree in Aquaculture and Hygiene of Fish Products, *Alma Mater Studiorum* University of Bologna, 3CFU/21 h.
- 2017/18 "**Ecotoxicology**" Degree in Aquaculture and Hygiene of Fish Products, *Alma Mater Studiorum* University of Bologna, 4CFU/40 h.
 "**Chemistry**" Degree in Aquaculture and Hygiene of Fish Products, *Alma Mater Studiorum* University of Bologna, 3CFU/24 h.
 "**Biology of sea turtles and cetaceans** Degree in Aquaculture and Hygiene of Fish Products, *Alma Mater Studiorum* University of Bologna, 3CFU/21 h.
- 2016/17 "**Ecotoxicology**" Degree in Aquaculture and Hygiene of Fish Products, *Alma Mater Studiorum* University of Bologna, 4CFU/40 h.
 "**Chemistry**" Degree in Aquaculture and Hygiene of Fish Products, *Alma Mater Studiorum* University of Bologna, 6CFU/48 h.
 "**Biology of sea turtles and cetaceans**" Degree in Aquaculture and Hygiene of Fish Products, *Alma Mater Studiorum* University of Bologna, 3CFU/21 h.
- 2015/16 "**Pharmaco-Toxicological Diagnostic**" Degree in Animal Production and Wildlife Control *Alma Mater Studiorum* University of Bologna, 3CFU/30 h.
 "**Chemistry**" Degree in Aquaculture and Hygiene of Fish Products, *Alma Mater Studiorum* University of Bologna, 6CFU/48 h.
 "**Biology of sea turtles and cetaceans**" Degree in Aquaculture and Hygiene of Fish Products *Alma Mater Studiorum* University of Bologna, 3CFU/21 h.
- 2013/14-2014/15 "**Pharmaco-Toxicological Diagnostic**" Degree in Animal Production and Wildlife Control *Alma Mater Studiorum* University of Bologna, 3CFU/30 h.
 "**Biology of sea turtles and cetaceans**" Degree in Aquaculture and Hygiene of Fish Products *Alma Mater Studiorum* University of Bologna, 3CFU/21 h.

- 2012/13 **"Pharmaco-Toxicological Diagnostic"** Degree in Animal Production and Wildlife Control, *Alma Mater Studiorum* University of Bologna, 3CFU/30 h.
"Ecotoxicology and Endocrine Disruptors" Degree in Aquaculture and Hychtiopathology *Alma Mater Studiorum* University of Bologna, 3CFU/30 h.
"Biology of sea turtles and cetaceans" Degree in Aquaculture and Hygiene of Fish Products *Alma Mater Studiorum* University of Bologna, 3CFU/21 h.
- 2011/12 **"Ecotoxicology and Endocrine Disruptors"** Degree in Aquaculture and Hygiene of Fish Products *Alma Mater Studiorum* University of Bologna, 3CFU/30 h.
"Pharmaco-Toxicological Diagnostic" Degree in Animal Production and Wildlife Control, *Alma Mater Studiorum* University of Bologna, 3CFU/30 h.
"Farmacocinetica applicata all'igiene degli alimenti di origine animale" per la Scuola di Specializzazione in Ispezione degli Alimenti di Origine Animale, *Alma Mater Studiorum* University of Bologna, 4CF/40 h.
"Rischio da residui nei prodotti lattiero-caseari" per la Scuola di Specializzazione in Ispezione degli Alimenti di Origine Animale, *Alma Mater Studiorum* University of Bologna, 3CFU/24 h.
"Biology of sea turtles and cetaceans" Degree in Aquaculture and Hygiene of Fish Products *Alma Mater Studiorum* University of Bologna, 3CFU/21 h.
- 2010/11 **"Tossicologia Veterinaria"** Degree in Aquaculture and Hygiene of Fish Products *Alma Mater Studiorum* University of Bologna, 3CFU/21 h.
"Farmacologia Veterinaria" Degree in Aquaculture and Hygiene of Fish Products *Alma Mater Studiorum* University of Bologna, 3CFU/21 h.
"Ecotoxicology and Endocrine Disruptors" Degree in Aquaculture and Hygiene of Fish Products *Alma Mater Studiorum* University of Bologna, 3CFU/30 h.
"Pharmaco-Toxicological Diagnostic" Degree in Animal Production and Wildlife Control, *Alma Mater Studiorum* University of Bologna, 3CFU/30 h.
"Pharmacokinetics applied to hygiene of animal products" Specialization School in Inspection of food of Animal Origin, *Alma Mater Studiorum* University of Bologna, 4CF/40 h.
"Toxicology of residues in food of animal origin" Specialization School in Inspection of Feed of Animal Origin, *Alma Mater Studiorum* University of Bologna, 4CF/40 h.
"Risk by residues in dairy products" Specialization School in Inspection of Feed of Animal Origin, *Alma Mater Studiorum* University of Bologna, 3CFU/24 h.
- 2009/10 **"Veterinary Toxicology"** Degree in Aquaculture and Hychtiopathology *Alma Mater Studiorum* University of Bologna, 3CFU/21 h.
"Veterinary Pharmacology" Degree in Aquaculture and Hychtiopathology *Alma Mater Studiorum* University of Bologna, 3CFU/21 h.
"Ecotoxicology and Endocrine Disruptors" Degree in Aquaculture and Hychtiopathology *Alma Mater Studiorum* University of Bologna, 3CFU/30 h.
"Biology of sea turtles and cetaceans" Degree in Aquaculture and Hychtiopathology *Alma Mater Studiorum* University of Bologna, 3CFU/21 h.
- 2008/09 **"Veterinary Toxicology"** Degree in Aquaculture and Hychtiopathology *Alma Mater Studiorum* University of Bologna, 3CFU/21 h.
"Biology of sea turtles and cetaceans" Degree in Aquaculture and Hychtiopathology *Alma Mater Studiorum* University of Bologna, 3CFU/21 h.
- 2006/07 **"Ecotoxicology, Toxicology of residues and algal toxins"** Specialization School in Health and quality of animal products, *Alma Mater Studiorum* University of Bologna 3CFU/30 h.
- 2004/05, 2005/06, 2007/08, 2008/09 **"Ecotoxicology"** Degree in Aquaculture and Hychtiopathology *Alma Mater Studiorum* University of Bologna, 3CFU/30 h.
"Ecotoxicology, Toxicology of residues and algal toxins" Specialization School in Health and quality of animal products, *Alma Mater Studiorum* University of Bologna 3CFU/30 h.

Since year 200 she has tutored more than 100 student and 3 PhD students.

Teaching activity abroad

- May 2nd.7th 2016 “**Clinical and Environmental Toxicology**”, Veterinary Medicine Faculty, University of Caceres, Spain (Erasmus- STA 2015/16 program), 8h.
- February 2012 “**Toxicology**”, “**Pharmacy**” e “**Veterinary Pharmacology**” at the School if Veterinary Medicine of Ngaounderè, Cameroon, EDULINK L.I.V.E. project, University of Udine, 45h, 60h, 90h respectively.
- March 2010 “**Wildlife Ecotoxicology**”, Instituto Internacional en Conservacion y Manejo de Vida Silvestre, Universidad Nacional de Costa Rica, Heredia, Costa Rica, 28h.

Seminars and oral presentations at conferences

- March 2019 **Zaccaroni, A., Andreini, R., Hartmann, M.G.** Validation of a method for quantification of aldosterone in marine mammals, 47th Annual Scientific Conference of the European Association Aquatic Mammals, 4-7 March, Albufeira, Portugal.
- March 2019 **Zaccaroni, A., Andreini, R., Silvi, M., Hartmann, M.G., Flanagan, C., Vicente, E.** Can paper be better than glass? Alternative method for blood sampling in marine mammals” 47th Annual Scientific Conference of the European Association Aquatic Mammals, 4-7 March, Albufeira, Portugal.
- March 2018 **Zaccaroni, A, Hoseini, S-H, Namroodi, S, Shirazi, A S** Trace elements exposure in Caspian seals: threat to conservation? 46th Annual Scientific Conference of the European Association Aquatic Mammals, 13-16 March, Torvaianica, Italy.
- March 2018 **Zaccaroni, A.** Healthy as a fish? Hidden risks from fish eating 46th Annual Scientific Conference of the European Association Aquatic Mammals, 13-16 March, Torvaianica, Italy.
- April 2014 **A. Zaccaroni, C. Formigaro, L. Marsili, P. Dendrinis, M. Psaradellis, M. Silvi, A.A. Karamanlidis.** Exposure of *Monachus monachus* to heavy metals and potential adverse effects on the population status of the species. 28th Annual Conference of the ECS April 5th to April 9th, Liegi, Belgium.
- June 2013 **A. Zaccaroni, M. Silvi, O.P. Luzardo, L.D. Boada, C. Formigaro, J. Orós, M. Zumbado, M. Camacho.** Basal levels of inorganic elements healthy nesting loggerhead sea turtles (*Caretta caretta*): results from a large study on the nesting colony of Boa Vista Island (Cape Verde). Workshop on Biology and Ecotoxicology of large marine certbrates and seabirds: potential sentinels of Good Environmental Status of marine environment, implication on European marine Strategy Framework Directive, 5-6 June 2013, Siena, Italy.
- November 2012 **Zaccaroni A., Perez Lopez M., Cortinovic L., Medri G.** Unexpected effect of enrofloxacin in dogshark after intramuscular injection. 16th Annual Scientific Conference of the European Elasmobranch Association. Milano, Italy, 22-25 November 2012.
- November 2010 **Zaccaroni A., Sibaja K., D. Scaravelli, M. Spinola.** Murcielagos como indicadores de riesgo en humanos: cuantificacion de metales pesados mediante metodos non invasivos. XIV Congreso de la Sociedad Mesoamericana Biologia Conservacion, San José, Costa Rica, 8-12 November 2010.
- May 2010 **Zaccaroni A., Piccinini R., Cavicchio P., Pascotto E., Scaravelli D.** Enclosed but safe? Monitoring of heavy metals in zoos. International Conference on diseases of zoo and wild animals 2010, Madrid, 12-15 May 2010.
- March 2010 “**Principle of Ecotoxicology**” 2 hours seminar for Environmental, Energy and Communication Ministry managers, Costa Rica.
- March 2010 “**Wildlife Ecotoxicology**” 2 hours seminar at the Degree in Biology, Universidad Nacional de Costa Rica, Heredia, Costa Rica.
- November 2009 **A. Zaccaroni, M. Silvi, D. Scaravelli.** Valutazione dei metalli pesanti nelle feci di *Nyctalus noctula*

- e *Pipistrellus kuhlii* a Cervia (RA). Secondo Convegno Italiano sui Chiroteri, Serra San Quirico (AN), 21-23 November 2008.
- November 2009 A. **Zaccaroni**, M. Silvi, D. Scaravelli. Valutazione dell'escrezione di microcontaminanti in chiroteri italiani tramite le feci. Secondo Convegno Italiano sui Chiroteri, Serra San Quirico (AN), 21-23 November 2008.
- October 2009 Scaravelli, D., Montanari, G., **Zaccaroni**, A.- Metalli pesanti lungo la catena trofica di tursiopo (*Tursiops truncatus*) e di tartaruga comune (*Caretta caretta*): una valutazione di risk assessment. 8° Convegno Nazionale sui Cetacei e sulle Tartarughe, Pescara, 29-30 October 2009.
- September 2009 **Zaccaroni** A., D. Scaravelli, R. Piccinini, Missoli F., M. Gamberoni. Preliminary data on the development of QCM micromethod for the quantification of hormones in amphibians. 6th Int. Symp. Amphibian and Reptiles Endocrinology and neurobiology, Berlino, 20-23 September 2009.
- September 2009 **Zaccaroni** A., Gamberoni M., Parmeggiani A., Cardellini P. Impact of PBDEs on thyroidal balance of *Xenopus laevis* tadpoles. 6th International Symposium on Amphibian and Reptilian Endocrinology and Neurobiology. Berlino, 20-23 September 2009.
- October 2008 A. **Zaccaroni**, F. Guidil, M. Silvi, G. Montanari, D. Scaravelli. Risk assessment of pollutants along food chain of *Caretta caretta*. International Expert Meeting on Impacts of Human Activities at Sea, on the Coast and in its Hinterland on the Northern Adriatic's Biodiversity. Pirano, Slovenia, 7-8 October 2008.
- May 2008 **Zaccaroni** A., D. Scaravelli (2008). Algal toxins, health and conservation issues in marine megavertebrates. Workshop "Contaminants and pathology in marine megavertebrate as environmental assessment tools". Cesenatico (FC), Italy, 8 May 2008.
- April 2008 **Zaccaroni** A., D. Scaravelli, M. Deserti, A. Rinaldi. Modelling risk assessment for macrofauna in northern Adriatic for oil spill. RIOS workshop, Albuferia, Portugal, 17-19 April 2008.
- October 2007 **Zaccaroni** A., Scaravelli D. Toxicity of Fresh Water Algal Toxins to Humans and Animals. NATO Advanced Study Institute on Sensor Systems for Biological Threats: the algal toxins case, Pisa, Italy, 30 September-11 October 2007.
- October 2007 **Zaccaroni** A., Scaravelli D. Toxicity of Sea Algal Toxins to Humans and Animals NATO Advanced Study Institute on Sensor Systems for Biological Threats: the algal toxins case, Pisa, Italy, 30 September-11 October 2007.
- February 2007 "Biomarkers: identificazione e quantificazione degli effetti dei contaminanti ambientali", "Risk assessment ecotossicologico degli contaminanti ambientali". Seminari svolti alla Scuola di Veterinaria dell'University of Perugia il 23 February 2007.
- February 2007 "Quantification of VTG in sea turtles blood: application in management and conservation", seminario Institut Pluridisciplinaire Hubert Curien del Centre National de la Recherche Scientifique di Strasburgo, svoltosi il 6 February 2007.

RESEARCH ACTIVITY

Ledded projects

- 30/05/2013-29/05/2014 Coordination of the research project financed by Lions Club Host Italy "Monitoring of contaminants in bat of Ravenna region
- 17/11/2010-15/05/2012 Coordination of the research project "Monitoring system and status analysis of frog population in the province of Ravenna", financed by the Province of Ravenna.
- 12/03/2009-11/03/2010 Scientific referent for the Spinner project "SinTeMa" financed by University of Bologna in 2009.
- 30/05/2008-31/12/2010 Coordination of the research project "Quantification of environmental contaminants in sentinel species of the Ravenna region".

- 01/01/2005-31/12/2005 Coordination of the research project "Study of waters quality in Campotto area and setup of an internal laboratory for water analysis " financed by Ente Bonifica Renana.
- 19/08/2002-31/12/2006 Execution of antidoping analyses for Giostra Cavalleresca di Sulmona.

Partnership in projects

- 2016 till now European network EELRIC, international platform for eel reproduction.
- 01/01/2011-30/06/2012 Partecipation to the project "Mussels flour as innovative ingredient for the diet of juvenile sole (*Solea solea*): study of growth potential, histological characteristics of gastro-intestinal tract and toxicological risks by trace elements " financed by DIMEVET. University of Bologna.
- 16/12/2002-15/12/2004 Partnership in **PRIN** project "Determination of some heavy metals in different levels of marine trophic chain and evaluation of their effect of bacterial populations" leded by of Teramo.

Experience abroad

- 2010 Instituto Internacional en Conservacion y Manejo de Vida Silvestre della Universidad Nacional de Costa Rica, Heredia, Costa Rica.
 - One month of research activity within the project "Heavy metal risk assessment for Costa Rican bats".
- 2005 Centro de Investigacion y Desarrollo, Consejo Superior de Investigacion Scientifica, Barcelona, Spagna.
 - Three months of research activity within the "Marco Polo" grant of the university of Bologna.

Scientific production

orcid.org/0000-0002-7985-2972/Scopus_ID_605623			
	# papers	# citations	H index
Scopus	44	552	14
WOS	39	445	13
10 years H index			8

Peer reviewed papers

1. PASTORINO, P., **ZACCARONI, A.**, DORETTO, A., FALASCO, E., SILVI, M., DONDO, A., ELIA, A.C., PREARO, M. BONA, F. (2020). Functional Feeding Groups of Aquatic Insects Influence Trace Element Accumulation: Findings for Filterers, Scrapers and Predators from the Po Basin. *Biology*, 9(9), 288.
2. DUDZINSKI, K. M., HILL, H. M., **ZACCARONI, A.**, MAKECHA, R., LILLY, M., ALMUNIA, J., FRICK, E., FEUCHT, T., STAFFORD, G., ABRAMSON, C. I. (2020). Distinguishing personal belief from scientific knowledge for the betterment of killer whale welfare—a commentary. *International Journal of Comparative Psychology*, 33. <https://escholarship.org/uc/item/6cj9473p>
3. PASTORINO, P., PREARO, M., BERTOLI, M., ABETE, M. C., DONDO, A., SALVI, G., **ZACCARONI, A.**, ELIA, A.C., PIZZUL, E. (2020). Accumulation of As, Cd, Pb, and Zn in sediment, chironomids and fish from a high-mountain lake: First insights from the Carnic Alps. *Science of The Total Environment*, 139007. <https://doi.org/10.1016/j.scitotenv.2020.139007>
4. PASTORINO, P., ELIA, A. C., CALDARONI, B., MENCONI, V., ABETE, M. C., BRIZIO, P., BERTOLI, M., **ZACCARONI, A.**, MAGARA, G., DÖRR, A. J. M., PIZZUL, E., PREARO, M. (2020). Oxidative stress ecology in brook trout (*Salvelinus fontinalis*) from a high-mountain lake (Cottian Alps). *Science of The Total Environment*, 136946. <https://doi.org/10.1016/j.scitotenv.2020.136946>
5. MACÍAS-MONTES A., RIAL-BERRIEL C., ACOSTA-DACAL A., HENRÍQUEZ-HERNÁNDEZ L.A., ALMEIDA-GONZÁLEZ M., RODRÍGUEZ-HERNÁNDEZ A., ZUMBADO M., BOADA L.D., **ZACCARONI A.**, P. LUZARDO O. (2020). Risk assessment of the exposure to mycotoxins in dogs and cats through the consumption of commercial dry food. *Science of the Total Environment*, 134592. <https://doi.org/10.1016/j.scitotenv.2019.134592>
6. EMMANUELE P., CASALINI A., PISATI D., ANDREINI A., GUERCILENA N., PARMEGGIANI A., **ZACCARONI A.**, MORDENTI O. (2020). Artificial reproduction of *Anguilla anguilla*: evaluation of biometrics characteristics of a population from Valle Campo Lagoon, Comacchio (Italy). *Aquaculture International*, 28: 777–790. <https://doi.org/10.1007/s10499-019-00494-z>

7. HOSEINI S.M., NAMROODI S., **ZACCARONI** A., SAYAD-SHIRAZI A., PÉREZ-LÓPEZ M., SOLER-RODRÍGUEZ F. (2020). Detection of Carcinogenic Polycyclic Aromatic Hydrocarbons in Stranded Caspian Seals (*Pusa capsica*). Aquatic mammals. Aquatic Mammals. 46 (1): 58-66. <https://doi.org/10.1578/AM.46.1.2020.58>
8. MAZZARIOL, S., CENTELLEGHE, C., COZZI, B., POVINELLI, M., MARCER, F., FERRI, N., DI FRANCESCO, G., BADAGLIACCA, P., PROFETA, F., OLIVIERI, V., GUCCIONE, S., COCUMELLI, C., TERRACCIANO, G., TROIANO, P., BEVERELLI, M., GARIBALDI, F., PODESTÀ, M., MARSILI, L., FOSSI, M.C., MATTIUCCI, S., CIPRIANI, P., DE NURRA, D., **ZACCARONI**, A., RUBINI, S., BERTO, D., BERALDO DE QUIROS, Y., FERNANDEZ, A., MORELL, M., GIORDA, F., PAUTASSO, A., MODESTO, P., CASALONE, C., DI GUARDO G. (2018). Multidisciplinary studies on a sick-leader syndrome-associated mass stranding of sperm whales (*Physeter macrocephalus*) along the Adriatic coast of Italy. Scientific reports, 8(1), 11577. <https://doi.org/10.1038/s41598-018-29966-7>
9. **ZACCARONI**, A.; ANDREINI, R.; FRANZELLITTI, S.; BARCELÓ, D.; ELJARRAT, E. (2018). Halogenated flame retardants in stranded sperm whales (*Physeter macrocephalus*) from the Mediterranean Sea. Science of the Total Environment, 635: 892-900. DOI:10.1016/j.scitotenv.2018.04.147.
10. MORDENTI, O., EMMANUELE, P., CASALINI, A., LOKMAN, P. M., **ZACCARONI**, A., DI BIASE, A., & PARMEGGIANI, A. Effect of aromatizable androgen (17-methyltestosterone) on induced maturation of silver European eels (*Anguilla anguilla*): Oocyte performance and synchronization (2018). Aquaculture Research, 49 (1): 442-448. <https://doi.org/10.1111/are.13475>
11. NAMROODI, S., **ZACCARONI**, A., REZAEI, H., & HOSEINI, S. M. (2018). Evaluating Heavy Metal Contamination Effects on the Caspian Pond Turtle Health (*Mauremys caspica caspica*) Through Analyzing Oxidative Stress Factors. International Journal of Epidemiologic Research, 5(4), 145-150.
12. **ZACCARONI**, A., PEREZ-LOPEZ, M., DE LA CASA RESINO, I., MEDRI, G., CENERI, F., BERTINI, S., MORDENTI O., SIRRI R., MANDRIOLI, L. (2017). Alteration in blood parameters by enrofloxacin in juvenile lesser spotted dogfish (*Scyliorhinus canicula*, Linnaeus, 1758) after intramuscular injection. Research in Veterinary Science, 113, 1-4. <https://doi.org/10.1016/j.rvsc.2017.08.005>
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