euro <i>pass</i>			
Curriculum Vitae			
Personal			
information First name(s) /	Stefania Squadrone		
Surname(s)	-		
Telephone(s) E-mail	+39 011 2686415 stefania.squadrone@izsto.it		
Nationality	Italian		
Date of birth	07/06/1968		
20.00 0. 0			
Work experience			
Dates	2006 now		
Occupation or position held	Assistant Biologist		
Main activities and responsibilities	Food and feed official chemical controls for trace elements; analysis, method validation, staff management, research projects design and coordination, scientific writing.		
Name and address of employer	Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta – Via Bologna 148, 10154 Turin, Italy - Veterinary Public Health		
Dates	2006 – 2001		
Occupation or position held	Assistant Biologist		
Main activities and responsibilities	Official controls for GMO and veterinary diseases by molecular biology techniques; analysis, method validation, staff management, involvement in research projects, scientific writing.		
Name and address of employer	Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta – Via Bologna 148, 10154 Turin, Italy - Veterinary Public Health		
Dates	2001 – 1999		
Occupation or position held	Researcher Biologist		
Main activities and responsibilities	Research activity in molecular biology		
Name and address of employer	Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta – Via Bologna 148, 10154 Turin, Italy - Veterinary Public Health		
Dates	1999 - 1998		
Occupation or position held	Researcher Biologist		
Main activities and responsibilities	Research activity in immunology and gene therapy		
Name and address of employer	TIGET, Telethon Institute for Gene Therapy; Milano, Italy		
Dates	1998 - 1997		
Occupation or position held	Researcher Biologist (scholarship)		
Main activities and responsibilities	Research activity in immunology		
Name and address of	Children Hospital, Regina Margherita, Turin, Italy		

employer								
Dates	1997 - 199	6						
Occupation or	Researche	r Riologiet						
position held								
Main activities and	Research a	activity in scr	eening technic	ques for detec	tion of			
responsibilities	antibiotics	in milk						
Name and address of	Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta – Via Bologna 148, 10154 Turin, Italy - Veterinary							
employer								
	Public Health							
Dates	1996 - 1994							
Occupation or	Training Bi	ologist						
position held	Training Bi	Ologist						
Main activities and	Training in	Training in microbiological analysis (food and water)						
responsibilities	Training in	morobiolog	iodi dilalyolo (i	ood and water	' /			
Name and address of	Environme	ntal Regiona	al Agency, Turi	in Italy				
employer	Liviloiiiie	mai regione	arrigerioy, run	iri, italy.				
Education and								
training	4000 400	4						
Dates Title of qualification	1988 -1994 Specializat		n Microbiology	, and Viralagu	Turin			
Title of qualification	Specialization Degree in Microbiology and Virology - Turin University, Faculty of Medicine							
awarded Level in national or	University,	raculty of iv	ledicine					
international	70/70							
classification	70/70							
Dates	1004							
Title of qualification	1994							
awarded	Admitted to the Register of Biologists - Turin University, Faculty							
Dates	of Science							
Title of qualification	Moster in anyirenmental angineering. Turin Politechica							
awarded	Master in environmental engineering- Turin Politecnico							
Dates	University 1991-1988							
Title of qualification								
awarded	Master cum laude in Biology, Turin University, Faculty of Mathematical and Biological Sciences.							
Personal skills and	Matriciliati	cai and biolo	gical ocience.	<b>5</b> .				
competences								
Mother tongue(s)	Italian							
Other language(s)	Italian							
Self-assessment	Understan	dina	Speaking		Writing			
			Spoken	Spoken	······································			
European level (*)	Listening	Reading	interaction	production				
English	B2	C1	B1	B1	C1			
French	A1	A1	A1	A1	A1			
	(*) <u>Common European Framework of Reference for Languages</u> The scientific interests cover the area of heavy metals and							
	contaminants. Researches mainly focused on development of							
	innovative analytical methods to applying in the food and feed							
		•	• • •	ea. Moreover, the trace elements occurrence in				
Technical skills and	Continuitate	a. Iviol oo voi	, ti io ti doo oloi	marine, freshwater and terrestrial ecosystems is investigated by				
					vestigated by			
Technical skills and competences	marine, fre	shwater and		systems is inv				

## Additional

## Information

Other Qualifications (since 1995):

- <u>participation in courses and seminars</u> in chromatographic techniques, in separation and extraction methods for foodstuff and feed, in Laboratory Health and Safety, in spectroscopic techniques, in Quality Control (EN 45001 and ISO/IEC 17025), in molecular biology, in environmental safety.
- <u>Chief Scientist and Coordinator of research projects</u> financed by the Italian Health Ministry and by the Piedmont Region.

## -Reviewer for:

Chemophere, Environmental Pollution, Science of The Total Environment, Environmental Science and Pollution Research, Food Analytical Methods, Environmental Research, J Hazardous Materials, Environmental Technology, Ecotoxicology and Environmental Safety; Environmental Monitoring and Assessment, Bulletin of Environmental Contamination and Toxicology, Methods in Ecology and Evolution.

- -<u>Co-author</u> more than 200 scientific articles, poster, presentation. International Publications (**last five years**)
- **S. Squadrone**, P. Brizio, C. Stella, M. Mantia, L. Favaro, B. Biancani, C. Da Rugna, S. Gridelli, M. C. Abete **(2020)**. Differential bioaccumulation of trace elements and rare earth elements in muscle, kidneys and liver of the invasive Indo-Pacific Lionfish (Pterois spp.) from Cuba. *Biological trace elements research*
- **S. Squadrone**, P. Brizio, M. C. Abete, A. Brusco **(2020)**. Trace elements profile in the blood of Huntington' disease patients. <u>Journal of Trace Elements in Medicine and Biology</u> 57: 18–20
- P. Pastorino, P. Brizio, M.C. Abete, M. Bertoli, A.G. Oss Noser, G. Piazza, M. Prearo, A.C. Elia, E. Pizzul, **S. Squadrone**, **(2020)**. Macrobenthic invertebrates as tracers of rare earth elements in freshwater watercourses. <u>Science of the Total Environment</u> 698: 134-282
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- R. Juncos, M. Arcagni, **S. Squadrone**, A. Rizzo, M. Arribére, J.P. Barriga, M.A. Battini, L.M. Campbell, P. Brizio, M.C. Abete, S. Ribeiro Guevara (**2019**). Interspecific differences in the bioaccumulation of arsenic of three Patagonian top predator fish: Organ distribution and arsenic speciation <u>Ecotoxicology and Environmental Safety</u>, 168: 431-442
- G. Esposito, D. Meloni, M. C. Abete, G. Colombero, M. Mantia, P. Pastorino, M. Prearo, A. Pais, E. Antuofermo, **S. Squadrone (2018).** The bivalve *Ruditapes decussatus*: A biomonitor of trace elements pollution in Sardinian coastal lagoons (Italy). *Environmental Pollution* 242:1720-1728
- **S. Squadrone**, C. Stella, P. Brizio, M. C. Abete **(2018)**. A Baseline Study of the Occurrence of Rare Earth Elements in Animal Feed. *Water Air Soil Pollut* 229:190
- **S. Squadrone**, N. Nurra, M. Battuello, R. Mussat Sartor, C. Stella, P. Brizio, M. Mantia, D. Pessani, M. C. Abete. Trace elements, rare earth elements and inorganic arsenic in seaweeds from Giglio Island (Thyrrenian Sea) after the Costa Concordia shipwreck and removal **(2018)**. *Marine Pollution Bulletin*, *133:* 88-95
- **S. Squadrone**, M. C. Abete, P. Brizio, D. Pessani, L. Favaro (2018). Metals in Feathers of African Penguins (*Spheniscus demersus*): Considerations for the Welfare and Management of Seabirds Under Human Care. <u>Bulletin of Environmental</u> Contamination and Toxicology, 100 (4): 465–471.
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- **Stefania Squadrone**, <u>Walter Mignone</u>, <u>Maria Cesarina Abete</u>, Livio Favaro, Tommaso Scanzio, Claudio Foglini, Barbara Vivaldi, <u>Marino Prearo</u>, (**2015**). Non-dioxin-like polychlorinated biphenyls (NDL-PCBs) in eel, trout and barbel from the River Roya, Northern Italy <u>Food Chemistry 175:10-15</u>
- **Stefania Squadrone**, <u>Livio Favaro</u>, <u>Maria Cesarina Abete</u>, <u>Barbara Vivaldi</u>, <u>Marino Prearo</u> (**2014**). Polycyclic aromatic hydrocarbon levels in European catfish from the upper Po River basin. *Environmental Monitoring and Assessment 186:2313–2320*
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