

Curriculum Vitae			
Personal Information			
Surname/Name	VIVALDI BARBARA		
Address	Vico San Vincenzo, 1/7 - GENOVA - Italia		
Telephone	010/542274	Mobile	3200563963
Fax	010/566654		
E-mail	barbara.vivaldi@izsto.it		
Nationality	Italian		
Tax Code	VVLBBR66B60E463D		
Date of birth	20 Febbraio 1966		
Sex	F		
Education and Training			
Dates	March 1990 - January 1991		
Occupation/position held	Contract researcher		
Main Activities and responsibilities	Researcher professional		
Institution and address	University of Genoa		
Type of business or sector	Analytical Chemistry		
Dates	14 February 1991 - 30 March 1993		
Occupation/position held	Consultant		
Main Activities and responsibilities	Technical Consultancy and Laboratory Coordination		
Institution and address	Regione Liguria - "Laboratorio Regionale Analisi Terreni e Produzioni Agricole" sito in Sarzana (SP),		
Type of business or sector	Agricultural Chemistry		
Dates	1 April 1993 - 31 December 1995		
Occupation/position held	Chimico Collaboratore IX liv.		
Main Activities and responsibilities	Chief of Chemistry Laboratory		
Institution and address	Istituto Zooprofilattico Sperimentale Piemonte, Liguria e Valle d'Aosta . Sezione di Genova Piazza Borgo Pila, 39/24 - GENOVA		
Type of business or sector	Food Chemistry		
Dates	1 January 1996 to		
Occupation/position held	Chemical Manager		
Main Activities and responsibilities	Istituto Zooprofilattico Sperimentale Piemonte, Liguria e Valle d'Aosta . Sezione di Genova Piazza Borgo Pila, 39/24 - GENOVA		
Dates	31 January 2003 to date		
Occupation/position held	Chemical Manager function of "Simple Structure Responsible" Ligurian Chemical Laboratory		

Education and Training																									
Date	June 2005																								
Title of qualification awarded	Master II Level "Bioethics"																								
Name and type of organisation providing education and training	University of Camerino																								
Level in national classification	Master II Level biennial																								
Date	April 2004																								
Title of qualification awarded	Master I level "Food industry"																								
Name and type of organisation providing education and training	University of Camerino																								
Level in national classification	Master I Level annual																								
Date	February 1990																								
Title of qualification awarded	Five-Year Degree "Chemistry"																								
Name and type of organisation providing education and training	University of Genoa																								
Mother Tongue	Italian																								
Other languages																									
	<table border="1"> <thead> <tr> <th></th> <th colspan="2">Comprehension</th> <th colspan="2">Speaking</th> <th>Reading Skills</th> </tr> <tr> <th></th> <th>Listening</th> <th>Reading</th> <th>Oral Interaction</th> <th>Oral Production</th> <th></th> </tr> </thead> <tbody> <tr> <td>English</td> <td>Good</td> <td>Fairly good</td> <td>Good</td> <td>Good</td> <td>Good</td> </tr> <tr> <td>French</td> <td>Good</td> <td>Low</td> <td>Buono</td> <td>Fairly good</td> <td>Fairly good</td> </tr> </tbody> </table>		Comprehension		Speaking		Reading Skills		Listening	Reading	Oral Interaction	Oral Production		English	Good	Fairly good	Good	Good	Good	French	Good	Low	Buono	Fairly good	Fairly good
	Comprehension		Speaking		Reading Skills																				
	Listening	Reading	Oral Interaction	Oral Production																					
English	Good	Fairly good	Good	Good	Good																				
French	Good	Low	Buono	Fairly good	Fairly good																				
PERSONAL SKILLS AND COMPETENCES	Use of the following instruments: Spectrophotometers AAS-ETA AAS-Flame DMA 80 GC-ECD-NPD HPLC-DAD-Fluorimetric GC-MS/MS LC-MS/MS																								
<i>ACQUIRED IN THE COURSE OF LIFE AND CAREER BUT NOT NECESSARILY COVERED BY FORMAL CERTIFICATES AND DIPLOMAS.</i>																									
Computer Skills	User of the most common computer programs: Office, Access, Data Base and instrumental softwares																								
Driving Licence	B																								
Additional Informations <i>Personal skills and Competences</i>	<p>Areas of research: Environmental Contaminants in food Algal and marine Biotoxins</p> <p>Scientific Manager of NRL-EU Pesticides in feed and cereals</p> <p>Research Project: Scientific Manager Project II.ZZ.SS. 1998/99 "Messa a punto e standardizzazione delle procedure operative per la ricerca di biotossine marine nei molluschi eduli lamellibranchi tramite metodiche alternative al test biologico"</p>																								

Chief of U.O. Project ricerca corrente 2000 II.ZZ.SS. "Tetrodotossine" Istituto I.Z.S. Ancona
Chief of U.O. Project ricerca corrente 2001 II.ZZ.SS "PCB monitoraggio in cinque Regioni italiane" Istituto I.Z.S. Ancona.
Scientific Manager Project II.ZZ.SS. 2004/2005 "Messa a punto metodiche alternative per la ricerca di Yessotossine in MEL"
Scientific Manager Project Ricerca corrente II.ZZ.SS. 2006 "Determinazione di biotossine marine prodotte da *Ostreopsis ovata*: studio di comparazione tra metodo biologico ufficiale e metodiche chimiche e in vitro"
Scientific Manager U.O. Ricerca finalizzata 2006 "Sicurezza alimentare" Section "Biotossine prodotte da *Ostreopsis ovata*"
Scientific Manager Project Ricerca corrente II.ZZ.SS. 2007 "Sviluppo di metodiche chimiche GC/MS per la ricerca di residui di PBDEs in prodotti ittici e mangimi a base di farine di pesce"
Scientific Manager Project Ricerca corrente II.ZZ.SS. 2008 "Trasferibilità e standardizzazione metodiche per la ricerca di micotossine e metalli pesanti al fine del loro utilizzo per la determinazione in alimenti di origine vegetale non trasformati"

Chief of U.O. Project Ricerca Finalizzata 2008 "Algal Biotoxins"

Scientific Manager Project Ricerca corrente 2009 "L'aiuto della moderna tecnologia nell'analisi multiresiduo di pesticidi clorurati e fosforati in mangimi e materie prime ad uso zootecnico"

Chief of U.O. Project Ricerca corrente 2012 "Progetto pilota valorizzazione Mar Ligure"

Chief of U.O. Project Ricerca corrente 2013 "Dal pesce pescato al pesce venduto"

Chief of U.O. Project Ricerca corrente 2016 "Nuove frontiere per la protezione del consumatore allergico: metodi multitarget e di conferma basati su PCR, NGS e LC-MS/MS per la detection di allergeni nascosti"

Chief of U.O. Project Ricerca corrente 2017 "Sicurezza alimentare delle ostriche (*Crassostrea gigas*) prodotte nel Golfo della Spezia: efficienza del processo di depurazione da virus, valutazione della presenza di arsenico inorganico e biotossine algali"

Chief of U.O. Project Ricerca corrente 2017 "LADY Label and Authenticity in Dairy"

Chief of U.O. Project Ricerca corrente 2018 "La chimica e la genomica: una strategia sinergica per l'individuazione dei contaminanti associati alle microplastiche negli alimenti"

Chief of U.O. Project Ricerca corrente 2019 "Valutazione del pet food: impiego di un kit portatile per la determinazione del mercurio "on site" e ricerca di virus emergenti"

Recent Scientific Publications:

Giorgi I., Prearo M., Ferrari A., Droetto A., Tarasco R., Pellegrino M., Leogrande M., **Vivaldi B.** & Abete M.C. (2008) –Mercurio in prodotti ittici prelevati al mercato ittico di Genova. (Atti X Congresso Nazionale S.I.Di.L.V., Alghero 22-24 October 2008: 197-198).

Ottonello G., **Vivaldi B.**, Garibaldi A., Ferrari A., Mignone W. & Tarchino F. (2008) –Detection of 18 PCB congeners in the blubber of stranded striped dolphins from Thyrrenian sea. (Atti ISA 2008 – Ferrara 25-27 June 2008).

Tarasco R., Leogrande M., Gavinelli S., Pellegrino M., Poma Genin E., **Vivaldi B.**, Abete M.C., Squadrone S., Marchis D. & Prearo M. (2008) –Indagine sul contenuto in metalli pesanti in mangimi per gatti. (Atti X Congresso Nazionale S.I.Di.L.V., Alghero 22-24 October 2008: 296-297).

Vivaldi B., Lettieri L., Ferrari A., Bottero S., Cevasco A., Guida G. & Mandich A. (2008) – Determinazione di PCBs in mitili provenienti dal Golfo di La Spezia e studio preliminare in vitro del loro effetto su pre-adipociti umani. (Atti XXI Congresso Int.le Ordine Naz. Biologi – Loano 29 October - 2 November 2008: 107).

Vivaldi B., Masiello L., Marazzotta G., Tarchino F., Ottonello G. & Ferrari A. (2008) – Monitoraggio della presenza di Idrocarburi Policiclici Aromatici in campioni di burro provenienti dal Piemonte. (Atti X Congresso Nazionale S.I.Di.L.V., Alghero 22-24 October 2008: 312-313).

Vivaldi B., Ottonello G., Tarchino F., Ferro G., Ferrari A. & Abete M.C. (2008) – Detection of OCPs in feed by solid-phase extraction and GC/MS analysis. (Proceedings 7th European Pesticide Residue Workshop – Berlin, Germany, June 1-5, 2008- PM3: 250).

Vivaldi B., Robetto S., Scaffardi E., Masiello L., Marazzotta G., Lettieri L & Ferrari A. (2008) –

Detection of 18 PCBs in kidneys of game coming from Piemonte. (Atti S.I.S.Vet., 24-26 September 2008: 143).

Vivaldi B., Tarchino F., Ottonello G., Marazzotta G., Ferrari A. & Abete M.C. (2008) –Detection of PCBs in feed by solid-phase extraction and GC/MS analysis. (Acta 2nd EuCheMS Chemistry Congress – Torino, 16-20 September 2008).

Zaccaroni A., Scaravelli D., Proietto U., Marsilio F., Mignone W., **Vivaldi B.**, Caroggio P., Casalone C., Bozzetta E., Garibaldi F., Di Francesco C.E. & Di Guardo G. (2008) -Morbillivirus could not be the major factor impacting the health of striped dolphins along the Ligurian Sea coast of Italy. (Proceedings of 39th Annual Conference IAAAM, 10-14 may 2008, Pomezia (Roma)

Ottonello G., Tarchino F., Cosma V., Prearo M., Ferrari A., **Vivaldi B.** (2010) – Detection of PCBs in samples of Aquaculture Tech (tinca tinca) collected in the Lake Trasimeno, Italy – Libro atti – Acquaculture Europe 2010 – Porto (Portogallo) 05-08 October 2010

Ottonello G., Tarchino F., Marazzotta G., Ferrari A., **Vivaldi B.** (2010) – Developement and validation of a method for the detection of PCBs in feed and vegetables raw material” Libro Atti Pittcon 2010 – Orlando, Florida (USA) 28 Febbraio- 5 Marzo 2010

Ferrari A., Bolognesi C., Marazzotta G., Schiavetti I., **Vivaldi B.** (2011) – *Ostreopsis Ovata*: caratterizzazione delle biotossine algali attraverso uno studio interdisciplinare- Atti XVII Convegno nazionale S.I.P.I. 19-21 Maggio 2011 – Ostuni (BA)

Ferrari A, Schiavetti I, Bolognesi C, Pavino D, Vivaldi B “Interdisciplinary evaluation of toxicity in *Ostreopsis Ovata* – Algal Biotoxins” Ferrari A., Schiavetti I., Bolognesi C., Pavino D, **Vivaldi B.**, volume “ Veterinary Science. Current Aspects in Morphophysiology, Biochemistry, Animal Production, Food Hygiene and Clinical Sciences. LXV Annual Meeting of The Italian Society for Veterinary Sciences. Tropea-Drapia 2011.

Squadrone S., Favaro L., Prearo M., **Vivaldi B.**, Brizio P., Abete M.C., “NDL-PCBs in muscle of European catfish (*Silurus Glanis*) – Chemosphere 93 (2013) 521-525

Squadrone S., Favaro L., Abete M.C., **Vivaldi B.**, Brizio P., Prearo M., “Polycyclic aromatic Hydrocarbon levels in European catfish (*Silurus Glanis*) from upper Po River basin – Environ.Monit.Asses 185 (2013)

F.Giorda, G.Serluca, D.Pavino, **B.Vivaldi**, W.Mignone, B.Iulini, M.Ballardini, C.Casalone (2014) – PCBs, DDTs, PAHs and toxic element concentrations in *Stenella coeruleoalba* dolphins from the Ligurian Coast of Italy (2008-2012) Atti 28th Conferences of the European cetacean Society- Liegi, Belgio 5-9 April 2014

Squadrone S., Mignone W., Abete M.C., Favaro L., Scanzio T., Fogliani C., **Vivaldi B.**, Prearo M. “Non-dioxin-like polychlorinated biphenyls (NDL-PCBs) in eel, trout and barbel from River Roya, Northern Italy” - Food Chemistry 175 (2015) 10-15

Abete, MC ; Mignone, W ; **Vivaldi, B** ; Prearo, M; Rizzi, M ; Squadrone, S; The incidence of non-dioxin-like polychlorinated biphenyls (NDL-PCB) in fat tissues of great cormorants from the River Roja, Northern Italy. J. Vet. Pharmacol. and Therap. (2015)

A.M.Bazzoni, A.G.Mudadu, G.Lorenzoni, I.Arras, A.Luglie, **B.Vivaldi**, V.Ciccotelli, G.Sanna, G.Tedde, S.Ledda, E.Alesso, E.Marongiu, S.Virgilio “Occurrence of harmful algal species and shellfish toxicity in Sardinia (Italy)” Italian Journal of Food Safety -5 (2016) 194-199

Bona M.C., Porcheddu G., **Vivaldi B.**, Ferraris M., Lazzara F., Ru G., Mignone W. “Valutazione di metalli pesanti (Piombo) negli ungulati selvatici in provincia di Imperia” Atti 35^o Incontro del GEEFSM 2017 – 1-4 Giugno Valencia (SP)

Francese D.R., Varello K., Ciccotelli V., Sosa S., Cavarretta M.C., Ingravalle F., Meloni D., **Vivaldi B.**, Ceccarelli L., Tubaro A., Bozzetta E.” Lipophilic marine toxins: Evaluation of rapid tests for their rapid detection” Toxicol Letters 2017

Razzuoli E, Mignone G, Lazzara F, Vencia W, Ferraris M, Masiello L, **Vivaldi B**, Ferrari A, Bozzetta E, Amadori M.” Impact of cadmium exposure on swine enterocytes”- Toxicol Letters 2018

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