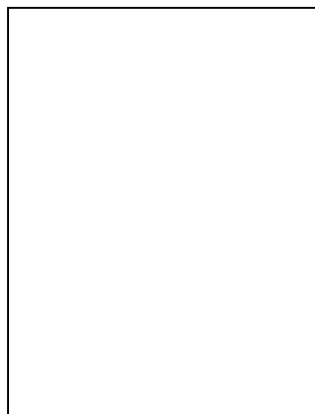




Curriculum Vitae

1. Name, Gender, Nationality

Family Name	Name	Gender	Nationality
Costa	Lucio G.	Male	Italian



If you wish you can place a photograph of you here.

2. Overall Scientific Expertise

Please specify in keywords (see section 3 of your application form). If you wish you may indicate how you acquired each specific expertise (e.g. through education, in your function as..., through participation in ...).

Toxicology, Neurotoxicology, Pharmacology



3. Professional Experience

Professional Experience 1 (most recent)	
Occupation or position held	<i>Professor</i>
Date (starting)	<i>2004</i>
Date (finishing)	<i>Current</i>
Main activities	<i>Teaching Pharmacology to Medical Students; Carry out research in the area of in vitro toxicology</i>
Main responsibilities	<i>Teaching Pharmacology; directing a research laboratory in the area of in vitro toxicology</i>
Name of employing organisation	<i>University of Parma Medical School</i>
Address of employing organisation (City, Country sufficient)	<i>Parma, Italy</i>
Type of sector	<i>Academia</i>
Professional Experience 2	
Occupation or position held	<i>Professor</i>
Date (starting)	<i>1983</i>
Date (finishing)	<i>Current</i>
Main activities	<i>Teaching Toxicology; carry out research in the area of toxicology</i>
Main responsibilities	<i>Teaching toxicology; direct a laboratory with multiple projects in the area of toxicology</i>
Name of employing organisation	<i>University of Washington</i>
Address of employing organisation (City, Country sufficient)	<i>Seattle, WA</i>
Type of sector	<i>Academia</i>
Professional Experience 3	
Occupation or position held	<i>Professor</i>
Date (starting)	<i>2002</i>
Date (finishing)	<i>2004</i>
Main activities	<i>Teaching Pharmacology to Medical Students; Carry out research in the area of in vitro toxicology</i>
Main responsibilities	<i>Teaching Pharmacology; directing a research laboratory in the area of in vitro toxicology</i>
Name of employing organisation	<i>University of Bari Medical School</i>



Address of employing organisation (City, Country sufficient)	<i>Bari, Italy</i>
Type of sector	<i>Academia</i>
Professional Experience 4	
Occupation or position held	<i>Professor</i>
Date (starting)	<i>1998</i>
Date (finishing)	<i>2002</i>
Main activities	<i>Teaching Toxicology; carry out research in the area of toxicology</i>
Main responsibilities	<i>Teaching toxicology to Pharmacy students; direct a laboratory of in vitro toxicology</i>
Name of employing organisation	<i>University of Roma La Sapienza</i>
Address of employing organisation (City, Country sufficient)	<i>Roma, Italy</i>
Type of sector	<i>Academia</i>
Professional Experience 5	
Occupation or position held	<i>Research Scientist</i>
Date (starting)	<i>1982</i>
Date (finishing)	<i>1983</i>
Main activities	<i>Carry out research in the area of toxicology</i>
Main responsibilities	<i>Carry out research in the area of toxicology</i>
Name of employing organisation	<i>University of Texas Medical School in Houston</i>
Address of employing organisation (City, Country sufficient)	<i>Houston, Texas</i>
Type of sector	<i>Academia</i>

4. Educational Background

Educational qualification 1 (most recent)	
Description of qualification achieved (e.g. Bachelor of science in tissue engineering)	<i>Doctorate in Pharmacy (Pharmacology)</i>
Principal subject (e.g. Animal Physiology)	<i>Pharmacology</i>



Other subjects	
Date (starting)	<i>1973</i>
Date (finishing)	<i>1977</i>
Name of organisation (incl. city and country) awarding degree	<i>University of Milano</i>
Title of degree awarded	<i>Doctor in Pharmacy</i>
Educational qualification 2	
Description of qualification achieved (e.g. Bachelor of science in tissue engineering)	<i>Postdoctoral fellow in toxicology</i>
Principal subject (e.g. Animal Physiology)	<i>Toxicology</i>
Other subjects	
Date (starting)	<i>1978</i>
Date (finishing)	<i>1980</i>
Name of organisation (incl. city and country) awarding degree	<i>University of Milano</i>
Title of degree awarded	<i>Specify (e.g. PhD, MSc, BSc, Other)</i>
Educational qualification 3	
Description of qualification achieved (e.g. Bachelor of science in tissue engineering)	<i>Postdoctoral fellow in toxicology</i>
Principal subject (e.g. Animal Physiology)	<i>Toxicology</i>
Other subjects	
Date (starting)	<i>1980</i>
Date (finishing)	<i>1982</i>
Name of organisation (incl. city and country) awarding degree	<i>University of Texas at Houston</i>
Title of degree awarded	<i>Specify (e.g. PhD, MSc, BSc, Other)</i>



5. Fellowships, Awards, Membership in Learned Societies, Editorial Boards and Advisory Bodies

5.1 Fellowships

Fellowship I	
Title of fellowship	<i>Postdoctoral Fellowship</i>
Description of fellowship (type, maximal duration, prestige)	<i>Fellowship to carry out research in the area of toxicology</i>
Date (starting)	<i>1978</i>
Date (finishing)	<i>1979</i>
Funding/awarding organisation	<i>Nutrition Foundation of Italy</i>
Address (city + country sufficient)	<i>Milano, Italy</i>
Fellowship II	
Title of fellowship	<i>Postdoctoral Fellowship</i>
Description of fellowship (type, maximal duration, prestige)	<i>Fellowship to carry out research in the area of food toxicology</i>
Date (starting)	<i>1979</i>
Date (finishing)	<i>1980</i>
Funding/awarding organisation	<i>University of Milano</i>
Address (city + country sufficient)	<i>Milano, Italy</i>
Fellowship III	
Title of fellowship	<i>Travel Fellowship</i>
Description of fellowship (type, maximal duration, prestige)	<i>Fellowship to attend NATO-ASI meeting</i>
Date (starting)	<i>1982</i>
Date (finishing)	<i>1982</i>
Funding/awarding organisation	<i>NATO</i>
Address (city + country sufficient)	<i>Brussels</i>



5.2 Awards

Award I	
Title of award	<i>Special Emphasis Research Career Award</i>
Description of award (type, prestige etc.)	<i>Award to develop research career in occupational health</i>
Date	<i>1986-90</i>
Awarding organisation	<i>National Institute of Occupational Health and Safety</i>
Address (city + country sufficient)	<i>Morgantown, WV (USA)</i>
Award II	
Title of award	<i>Achievement Award</i>
Description of award (type, prestige etc.)	<i>Award to recognize outstanding achievements of toxicologist (max 41 yo)</i>
Date	<i>1995</i>
Awarding organisation	<i>Society of Toxicology (USA)</i>
Address (city + country sufficient)	<i>Washington, DC (USA)</i>
Award III	
Title of award	<i>Zeneca Traveling Lectureship Award</i>
Description of award (type, prestige etc.)	<i>Award to conduct series of visits and lectures in European toxicology centers</i>
Date	<i>1997</i>
Awarding organisation	<i>Society of Toxicology (USA)</i>
Address (city + country sufficient)	<i>Washington, DC (USA)</i>
Award IV	
Title of award	<i>Fellow</i>
Description of award (type, prestige etc.)	<i>Elected Fellow</i>
Date	<i>1994</i>
Awarding organisation	<i>American Association for the Advancement of Science</i>
Address (city + country sufficient)	<i>Washington, DC (USA)</i>
Award V	
Title of award	<i>Fellow</i>
Description of award (type, prestige etc.)	<i>Certification in General Toxicology</i>
Date	<i>1993</i>
Awarding organisation	<i>Academy of Toxicological Sciences</i>
Address (city + country sufficient)	<i>Washington, DC (USA)</i>



5.3 Membership in learned societies & professional associations & editorial boards

Society / Association / Editorial Board I	
Society / Association	<i>Society of Toxicology (USA)</i>
Description of society's / association's activities	<i>US Society of toxicologists</i>
Membership from ...	<i>1982</i>
...to (if currently member, please state 'current')	<i>Current</i>
Address (city + country sufficient)	<i>Washington, DC (USA)</i>
Society / Association II	
Society / Association	<i>Italian Society of Toxicology (SITOX)</i>
Description of society's / association's activities	<i>Society of Italian toxicologists</i>
Membership from ...	<i>1986</i>
...to (if currently member, please state 'current')	<i>Current</i>
Address (city + country sufficient)	<i>Milano, Italy</i>
Society / Association III	
Society / Association	<i>International Neurotoxicology Association (INA)</i>
Description of society's / association's activities	<i>Society of toxicologists with an interest in neurotoxicology (founding member and past president)</i>
Membership from ...	<i>1985</i>
...to (if currently member, please state 'current')	<i>Current</i>
Address (city + country sufficient)	<i>No specific address</i>
Society / Association IV	
Society / Association	<i>Society for Neurosciences (USA)</i>
Description of society's / association's activities	<i>USA Society of neuroscientists</i>
Membership from ...	<i>1983</i>
...to (if currently member, please state 'current')	<i>Current</i>
Address (city + country sufficient)	<i>Washington, DC (USA)</i>



5.4 Membership in advisory bodies / committees

Advisory body / committee I	
Name of advisory body	<i>EFSA, Panel on Contaminants</i>
Description of the roles and responsibilities of the advisory body	<i>Evaluate risk of contaminants in food and feed</i>
Membership from ...	<i>July 2003</i>
...to (if currently member, please state 'current')	<i>June 2006</i>
Address (city + country sufficient)	<i>Brussels; Parma</i>



6. Publications

Nr.	Citation
1	Giordano G, Pizzurro D, VanDeMark KL, Guizzetti M, Costa LG (2009) Manganese inhibits the ability of astrocytes to promote neuronal differentiation. <i>Toxicol. Appl. Pharmacol.</i> (in press)
2	Tagliaferri S, Caglieri A, Goldoni M, Pinelli S, Alinovi R, Poli D, Pellacani C, Giordano G, Mutti A, Costa LG (2009). Low concentrations of the brominated flame retardants BDE-47 and BDE-99 induce synergistic oxidative stress-mediated neurotoxicity in human neuroblastoma cells. <i>Toxicol. In Vitro</i> (in press).
3	Moore NH, Costa LG, Shaffer SA, Goodlett DR, Guizzetti M (2009) Shotgun proteomics implicates extracellular matrix proteins and protease systems in neuronal development induced by astrocytes cholinergic stimulation. <i>J. Neurochem.</i> 108: 891-908.
4	Guizzetti M, Moore NH, Giordano G, Costa LG (2008) Modulation of neuritogenesis by astrocyte muscarinic receptors. <i>J. Biol. Chem.</i> 283: 31884-31897.
5	Giordano G, White CC, Mohar I, Kavanagh TJ, Costa LG (2007) Glutathione levels modulate domoic acid-induced apoptosis in mouse cerebellar granule neurons. <i>Toxicol. Sci.</i> 100: 433-444.
6	Guizzetti M, Chen J, Oram JF, Tsuji R, Dao K, Moeller T, Costa LG (2007) Ethanol induces cholesterol efflux and up-regulation of ATP-binding cassette cholesterol transporters in fetal astrocytes. <i>J. Biol. Chem.</i> 282: 18740-18749.
7	Costa LG, Fattori, V, Giordano G, Vitalone A (2007) An in vitro approach to assess the toxicity of certain food contaminants: methylmercury and polychlorinated biphenyls. <i>Toxicology</i> 237: 65-76.
8	Giordano G, Afsharinejad Z, Guizzetti M, Vitalone A, Kavanagh TJ, Costa LG (2007) Organophosphorus insecticides chlorpyrifos and diazinon and oxidative stress in neuronal cells in a genetic model of glutathione deficiency. <i>Toxicol. Appl. Pharmacol.</i> 219: 181-189.
9	Kelada S, Checkoway H, Kardia SLR, Carlson CS, Costa-Mallen P, Eaton DL, Firestone J, Powers KM, Swanson PD, Franklin GM, Longstreth WT, Smith-Weller T, Afsharinejad Z, Costa LG (2006) 5' and 3' region variability in the dopamine transporter gene (slc6a3), pesticide exposure and Parkinson's disease: a hypothesis-generating study. <i>Hum. Mol. Genet.</i> 15: 3055-3062.
10	Costa-Mallen P, Kelada SN, Costa LG, Checkoway H (2005) Characterization of the in vitro transcriptional activity of polymorphic alleles of the human monoamine oxidase-B gene. <i>Neurosci. Lett.</i> 383: 171-175.
11	Costa LG, Vitalone A, Cole TB, Furlong CE (2005) Modulation of paraoxonase (PON1) activity. <i>Biochem. Pharmacol.</i> 69: 541-550.
12	Madia F, Giordano G, Fattori V, Vitalone A, Branchi I, Capone F, Costa LG (2004) Differential in vitro neurotoxicity of the flame retardant PBDE-99 and of the PCB Aroclor 1254 in astrocytoma cells. <i>Toxicol. Lett.</i> 154: 11-21.
13	Zurich MG, Honegger P, Schilter B, Costa LG, Monnet-Tschudi F (2004) Involvement of glial cells in the neurotoxicity of parathion and chlorpyrifos. <i>Toxicol. Sci.</i> 201: 97-104.



14	<i>Evandri MG, Costa Lg, Bolle P (2003) In vitro assessment of mutagenicity and clastogenicity of BDE-99, a pentabrominated diphenyl ether flame retardant. Environ. Mol. Mutagen. 42: 85-90.</i>
15	<i>Costa LG, Cole TB, Jarvik GP, Furlong CE (2003) Functional genomics of the paraoxonase (PON1) polymorphisms: effects on pesticide sensitivity, cardiovascular disease, and drug metabolism. Annu. Rev. Med. 54: 371-392.</i>
16	<i>Lu H, Guizzetti M, Costa LG (2002) Inorganic lead activates the MEK-MAPK-p90RSK pathway in human astrocytoma cells via a PKC-dependent mechanism. J. Pharmacol Exp. Ther. 300: 818-823.</i>
17	<i>Tiffany-Castiglioni E, Ehrich M, Dees L, Costa LG, Kodavanti PRS, Lasley SM, Oortgiesen M, Durham HD (1999) Bridging the gap between in vitro and in vivo models. Toxicol. Sci. 51: 178-183</i>
18	<i>Shi DM, Gu L, Xia YR, Navab M, Li WF, Hama S, Castelani LW, Furlong CE, Costa LG, Fogelman AM, Lusa AJ (1998) Mice lacking serum paraoxonase are susceptible to organophosphate toxicity and atherosclerosis. Nature 394: 284-287.</i>
19	<i>Costa LG. (1998) Neurotoxicity testing: a discussion of in vitro alternatives. Env. Health Perspect. 106 (suppl. 2): 505-510.</i>
20	<i>Gafni J, Munsch JA, Lam TH, Catlin MC, Costa LG, Molinski TF, Pessah IN (1997) Xestospongins: potent membrane permeable blockers of the inositol 1,4,5-trisphosphate receptor calcium pore. Neuron 19: 723-733.</i>