Europass curriculum vitae

Personal information

Surname(s) / First name(s)	**Ranghino Graziella**
Address(es)	Via Monte Bo 2 13100 Vercelli
Telephone(s)	Mobile: +393481627555
E-mail(s)	granghino@yahoo.it
Nationality(-ies)	Italiana
Date of birth	22 . 01. 1951
Gender	F

Work experience

Dates	Since 1.1.2006
Occupation or position held	Founder and Head of scientific activities- Geol sas
Main activities and responsibilities	Research Projects Supervisor - Research Funding by grant applications and joint project with industries
Name and address of employer	Geol sas Vercelli
Type of business or sector	Bioinformatics, Software Development, Drug Design and agrochemicals research projects Drug Design

Dates	From 1976 till 2004
occupation or position held	Research Scientist and Senior Research Scientist
Main activities and responsibilities	Head of project , management of research budget , research activity
Name and address of employer	Istituto Guido Donegani, Corporate Research Centre of MONTEDISON till 1988 and since 1990 corporate research centre of ENI_ Polimeri Europa , Via fauser 4 28100 NOVARA ITALY
Type of business or sector	Chemical Industry(fine chemicals, polymers, catalysts, bulk chemicals, refining)

Dates	1.09.1975-1-09-1976
occupation or position held	Fellowship from Accademia dei Lincei
Main activities and responsibilities	Reaserch in Computational and quantum chemistry
Name and address of employer	Istituto Donegani, Montedison-Novara

Type of business or sector Chemical Industry

Education and training

Dates	1.1.1984 30.7.1984
Title of qualification awarded	EU fellow
Principal subjects/Occupational skills covered	Supramolecular chemistry, Molecular modelling of assembled molecules and of biomacromolecules
Name and type of organisation providing organisation and training	University of Strasbourg Dept of Physical Organic Chemistry Prof Nobel.Laureate. J.M.Lehn
Dates	9.1979 7.1980
Title of qualification awarded	Special Student of Feinberg Graduate School
Principal subjects/Occupational skills covered	Structural Biology , Protein Crystallography, Computational Structural Biology
	Weizmann Institute of Science, Rehovot Israel Dept. Of Structural and Physical Chemistry supervisor: Prof Nobel.aureate Ada Yonath
Dates	1.10.1970 30.7.1975
	Laurea specialistica in Chimica Pura 110/110 e Lode
	Tesi in Chimica Teorica e Computazionale
	University of Torino, Italia Dept of Theoretical Chemistry

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment	**Understanding**		**Speaking**		
European level (*)	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	
French	C1	C2	C1	C1	
Spanish	B1	B2	B1	B1	

(*) *Common European Framework of Reference (CEF) level*

Experience on Scientific Evaluation Panels

Evaluation Tasks since 1997 for European Commission in FP4, FP5, FP6,FP7 in activity connected with funding of Research projects, training network, SME research, individual training and research grants, Human mobility, research networks

Organisational skills and competences

Management of research budgets in the Industrial Research frame.
Management and participation in National Public projects with partners coming from private and public institutions; management of POR_FESR projects in the Consortium IBIS.
Financial management of projects.

Scientific skills and competences

During many years of industrial research and the training years abroad I have been involved in many different field of chemistry; these are:
Theoretical and computational quantum chemistry
Drug design and molecular modelling
Structural and computational biology
Catalysis involving zeolites (heterogeneous) and enzymes
Materials design and structure-activity correlations by means of computations
Nanomaterials and nanocomposites design and computations
Bioinformatics
Teaching in graduate and post graduate courses

	Many scientific papers and lectures in conferences at international level
Additional skills and competences	Involved in Research project funded by Regione Piemonte since 2009, involving Industry and University; co-author of more than 140 scientific papers; main lecturer in many conferences, doctoral courses and seminars.
Ruoli svolti nella pubblica amministrazione	Da Febbraio 2016 Assessore a Turismo e Sviluppo economico, con delega ai Gemellaggi, Ufficio Europa e rapporti internazionali, nella Giunta del Sindaco Maura Forte

Relevant papers in the last years:

The Structural Basis Of Cephalosporin Formation In A Mononuclear Ferrous Enzyme
K. Valegard, A. Terwisscha Van Scheltinga, Dubus,G. Ranghino,L. Öster, J.Hajdu & I. Andersson , Nature-Structural Biology, 2004, Volume 11 No 1,95-101

Polymeric Nanocomposites: Molecular Modelling Assessment Of Organophilic Moieties In Layered Silicates ,
G. Ranghino, G. Giannotta, G.Marra and R. Po, Reviews On Advanced Materials Science, 5, 2004, 413-419

Epoxidation Of Propylene On Zn-Treated Ts-1 Catalyst
V.Arca,A.Boscolo Boscoletto,N.Fracasso,L.Meda,G.Ranghino
Journal Of Molecular Catalysis A, 243,(2005),264-277

Study Of The Oxidative Half-Reaction Catalyzed By A Non-Heme Ferrous Catalytic Center By Means Of Structural And Computational Methodologies
G.Cicero, C.Carbonera,K. Valegård, J.Hajdu, I.Andersson, G.Ranghino
International Journal Of Quantum Chemistry,107,2007,

GPR17: molecular modeling and dynamics studies of the 3-D structure and purinergic ligand binding features in comparison with P2Y receptors.
Parravicini C, Ranghino G, Abbracchio MP, Fantucci P.
BMC Bioinformatics. 2008 Jun 4;9:263.PMID: 18533035 [PubMed - indexed for MEDLINE]

Forced unbinding of GPR17 ligands from wild type and R255I mutant receptor models through a computational approach.
Parravicini C, Abbracchio MP, Fantucci P, Ranghino G.
BMC Struct Biol. 2010 Mar 16;10:8.PMID: 20233425 [PubMed - indexed for MEDLINE]

Frontal affinity chromatography-mass spectrometry useful for characterization of new ligands for GPR17 receptor.
Calleri E, Ceruti S, Cristalli G, Martini C, Temporini C, Parravicini C, Volpini R, Daniele S, Caccialanza G, Lecca D, Lambertucci C, Trincavelli ML, Marucci G, Wainer IW, Ranghino G, Fantucci P, Abbracchio MP, Massolini G.
J Med Chem. 2010 May 13;53(9):3489-501.PMID: 20394377 [PubMed - indexed for MEDLINE]

The Dual Behaviour of a GPCR Involved in Brain Damage an Repair: Forced Unbinding of the Receptor GPR17 Ligands from Wild Type and R255I Mutant Models Through a Computational Approach
Parravicini, Abbracchio, Fantucci and Ranghino*
The Open Conference Proceedings Journal, 2010, 1, 211-218 211
2210-2892/10 2010 Bentham Open

" The computational-based structure of Dwarf14 provides evidence for its

role as potential strigolactone receptor in plants"
Noura Gaiji, Francesca Cardinale, Cristina Prandi, Paola Bonfante, Graziella Ranghino ,BMC Res.Notes. 2012