

CURRICULUM VITAE

EUROPEAN FORMAT

PERSONAL INFORMATION

Name, Surname	Cristina Nativi
Address	[REDACTED]
Telephone	[REDACTED]
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E-mail	[REDACTED]
Website	[REDACTED]
Nationality	[REDACTED]
Place and Date of birth	[REDACTED]

WORK EXPERIENCE

Dates	From Febr. 2005 – Till now
Name and address of employer	University of Florence, P.za S. Marco, 4 50121 Firenze
Type of business or sector	Public Research
Occupation or position held	Full professor
Main activities and responsibilities	Teaching/Research/Coordination of research projects
Dates	From 11/2000– To 01/2005
Name and address of employer	University of Florence
Type of business or sector	Public Reserch
Occupation or position held	Associate professor
Main activities and responsibilities	Teaching/Research/PhD and Master Supervisor.
Dates	From 12/1991 – To 10/2000
Name and address of employer	University of Florence
Type of business or sector	Public Research
Occupation or position held	Assistant Professor
Main activities and responsibilities	Research, Teaching and post-doc, graduate and undergraduate students supervisor at the Dept. of Organic Chemistry, University of Florence.
Dates	From 1987 – To 1991
Name and address of employer	CNR – P.le A. Moro, 9 Roma
Type of business or sector	Research
Occupation or position held	Post-doc Grant
Main activities and responsibilities	Development of new silylated beta-lactam antibiotics – Dept. of Organic Chemistry, University of Florence.

EDUCATION AND TRAINING

Date	1993-1994
Name and type of organisation providing education and training	University of Montreal (CDN)
Principal subjects	C-Glycosylation; Prof. Stephen Hanessian

Title of qualification awarded	Post Doc
Date	1987-1989
Name and type of organisation providing education and training	University of Lausanne (CH)
Principal subjects	Synthesis of nacked sugars supervisor: Prof. Pierre Vogel
Title of qualification awarded	Post Doc
Level in National classification	=
Date	07/1987
Name and type of organisation providing education and training	University of Florence
Principal subjects	Synthesis and characterization of organitin derivatives; Supervisor: Prof. A. Ricci
Title of qualification awarded	Laurea in Chemistry
Level in National classification	110/110 magna cum laude
Research sectors	Carbohydrate chemistry, Sulfur chemistry, Molecular Recognition of Carbohydrate, Stereoselective Synthesis and Glycosyl-containing inhibitors of Matrix Metallo Proteinases (MMPs). Saccharidic immunostimulants and therapeutic vaccines. Bioactive multivalent glycosides.
Recent Scientific Activities.	She is currently involved in granted projects on the development of therapeutic nanovaccines for cancer treatment and in the development of new small molecules to treat neuropathic pain. She is also the PI of a project for the development of inhibitors of MMPs involved in the degradation of collagene, catilagene and ialuronic acid.
Books and Articles	She is co-authors of more than 140 publications on international journals, 9 book-chapters, 5 patents and more than 50 oral communications. Selected publication of the last 5 years: - M. Manuelli, S. Fallarini, G. Lombardi, C. Sangregorio, C. Nativi, B. Richichi "Iron oxide superparamagnetic nanoparticles conjugated with a conformationally blocked alpha-Tn antigen mimetic for macrophage activation" <i>Nanoscale</i> 2014 6 7643 doi: 10.1039/c4nr00070f - Gokhan Gunay, Melis Sardan Ekiz, Xhenti Ferhati, Barbara Richichi, Cristina Nativi, Ayse B. Tekinay, Mustafa O. Guler "Antigenic GM3 lactone mimetic molecule integrated mannosylated glycopeptide nanofibers for the activation and maturation of dendritic cells" <i>ACS Appl. Mater. Interfaces</i> 2017 , 9, 16035-42 - B. Richichi, G. Comito, O. Renaudet, M. Fiore, A. Marra, B. Stecca, L. Pasquato, P. Chiarugi, C. Nativi "Role of a Preorganized Scaffold Presenting Four Residues of a GM-3 Lactone Mimetic on Melanoma Progression" <i>ACS Med Chem Lett.</i> , 2016 , 7, 28-33 - B. Richichi, B. Thomas, M. Fiore, R. Bosco, H. Qureshi, C. Nativi, O. Renaudet, L. BenMohamed; "Clustered Tn-Antigen Mimetic-Based Cancer Therapeutic Vaccine Induces Strong Antibody-Mediated Protective Immunity", <i>Angew. Chem. Int. Ed.</i> 2014, 53, 11917-20

ADDITIONAL INFORMATION

She is member of INSTM consoprtium, she has been in the Menagent committee of the "Multivalent Glycosystem for Nanoscience"- COST Action CM1102; she is in the organizing and scientific committee of the National Congress and School of Carbohydrate Chemistry and in the scientific committee of FiorGen (Pharmaco-genomic Foundation), "Leonardo da Vinci BioBank" and Giotto (spin-off of the University of Florence). She is member of the Editorial Advisory Board of the journal *Current of Organic Synthesis* (COS) and *Global Vaccine & Immunology*. In 2007, 2009 and 2010 she has been involved in the Erasmus Intensive program "SYNAPS: Synthesis and retrosynthesis in the chemistry of Natural products" delivering lectures on biological role of carbohydrates and stereoselective synthesis of mono and oligosaccharides. She is in scientific committee of the Italian Division of Carbohydrate Chemistry and president of the Local Organizing Committee of the National School-Meeting on the carbohydrate Chemistry. She is member of the Commission for the communication and public engagement of the University of Florence.

She is a grant application reviewer for MiUR (Ministero for University and Reaserch, Italy), for the Israel Science Foundation and for l'Agence de Recherche, France.

Research Grants

MiUR – Progetti PRIN di interesse Nazionale 2004-06, 2006-08, 2008-2010, 2010-2013 and 2015-2019.

Regione Toscana - 2006

ITT (Istituto Toscano Tumori) –2008-2009 and 2009-2010

Ente Cassa di Risparmio – 2006-2008, 2007-2009, 2008-2009, 2009-2010, 2011-2012, 2012-2013 and 2015.

Bilateral project (Galileo project IT-FR) – 2009 and 2012 (Florence-Grenoble)

AIRC 2012-2014 (Associazione Italiana Ricerca sul Cancro)

TRATTAMENTO DEI DATI PERSONALI, INFORMATIVA E CONSENSO

Il D.Lgs. 30/6/2003, n. 196 "Codice in materia di protezione dei dati personali" regola il trattamento dei dati personali, con particolare riferimento alla riservatezza, all'identità personale e al diritto di protezione dei dati personali; l'interessato deve essere previamente informato del trattamento .

La norma in considerazione intende come "trattamento" qualunque operazione o complesso di operazioni concernenti la raccolta, la registrazione, l'organizzazione, la conservazione, la consultazione, l'elaborazione, la modifica, la selezione, l'estrazione, il raffronto, l'utilizzo, l'interconnessione, il blocco, la comunicazione, la diffusione, la cancellazione e la distruzione di dati, anche se non registrati in una banca dati.

In relazione a quanto riportato, autorizzo il CNR al trattamento dei dati contenuti nel presente *curriculum vitae* e nella documentazione della quale fa parte integrante

(barrare la casella)

Si, acconsento

