



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Giovanni Maga**  
Address(es) 3, via De Canistris 27100  
Pavia, Italy  
Telephone(s) 0039-0382-546322 Mobile:  
E-mail giovani.maga@igm.cnr.it; direttore@igm.cnr.it  
Nationality Italian  
Date of birth 30 May 1965  
Gender Male

### Work experience

Dates 05/2019-present  
Occupation or position held Director of Institute of Molecular Genetics  
Main activities and responsibilities Director of the institute  
Name and address of employer National Research Council (CNR) – Institute of Molecular Genetics – Via Abbiategrasso 207 –  
27100 Pavia- Italy  
Type of business or sector Biomedical research

Dates 11/2018 - 04/2019  
Occupation or position held Director of Research CNR  
Main activities and responsibilities Head of the DNA Enzymology & Molecular Virology Unit  
Name and address of employer National Research Council (CNR) – Institute of Molecular Genetics – Via Abbiategrasso 207 –  
27100 Pavia- Italy  
Type of business or sector Biomedical research

Dates 12/2005-10/2018  
Occupation or position held First Researcher CNR  
Main activities and responsibilities Head of the DNA Enzymology & Molecular Virology Unit  
Name and address of employer National Research Council (CNR) – Institute of Molecular Genetics – Via Abbiategrasso 207 –  
27100 Pavia- Italy  
Type of business or sector Biomedical research

Dates 12/2001-11/2005  
Occupation or position held Researcher CNR  
Main activities and responsibilities Group leader in the DNA Enzymology & Molecular Virology Unit at the IGM-CNR  
Name and address of employer National Research Council (CNR) – Institute of Molecular Genetics – Via Abbiategrasso 207 –  
27100  
Pavia- Italy  
Type of business or sector Biomedical research

Dates 01/1997-11/2001  
Occupation or position held Postdoctoral Research fellow  
Main activities and responsibilities Researcher in the DNA Enzymology & Molecular Virology Unit at the IGM-CNR  
Name and address of employer National Research Council (CNR) – Institute of Molecular Genetics – Via Abbiategrasso 207 –  
27100  
Pavia- Italy  
Type of business or sector Biomedical research

Dates 10/1993-12/1996  
Occupation or position held Postdoctoral Research fellow  
Main activities and responsibilities Researcher in the Institute of Biochemistry, University of Zürich-Irchel  
Name and address of employer University of Zürich-Irchel, wintherturerstrasse 190, CH-8057 Zürich (Switzerland)  
Type of business or sector Biomedical research

## Education and training

Dates	11/1990 - 11/1993
Title of qualification awarded	PhD in Applied Genetics
Principal subjects/occupational skills covered	Biochemistry and molecular biology, enzymology, drug design..
Name and type of organisation providing education and training	Università degli Studi di Pavia- Viale Taramelli 24- 27100 Pavia- Italy
Level in national or international classification	Scuola di Specializzazione triennale post-laurea con tesi sperimentale (experimental written dissertation) 50/50 cum laude
Dates	01/1990-07/1990
Title of qualification awarded	Master degree in Genetics
Principal subjects/occupational skills covered	biochemistry, molecular biology, genetics
Name and type of organisation providing education and training	Università degli Studi di Pavia- Viale Taramelli 24- 27100 Pavia-Italy
Level in national or international classification	<i>Corso di perfezionamento</i>
Dates	11/1985-11/1989
Title of qualification awarded	University degree in Biological Sciences;
Principal subjects/occupational skills covered	Genetics, biochemistry, molecular and cellular biology, molecular virology, anticancer and antiviral drug development
Name and type of organisation providing education and training	Università degli Studi di Pavia- Viale Taramelli 24- 27100 Pavia-Italy
Level in national or international classification	Laurea quadriennale (vecchio ordinamento) (108/110)

## Personal skills and competences

Mother tongue(s)  
Other language(s)  
Self-assessment  
*European level*

### Italian

#### Understanding

Listening Reading

C Proficient user C Proficient user  
1 1

#### Speaking

Spoken interaction Spoken production

C Proficient user C Proficient user  
1 1

#### Writing

C Independent user  
1

### English

## Social and Organisational skills and competences

I am the leader of a group typically composed of 10-12 people (1 researcher, 2 postdocs, 1 PhD student + Master students and BcSc students). I have tutored more than 40 Master/BcSc students and 10 PhD students. I have experience in running a complex environment, including raising funds, administering them, organizing other people's work and tutoring. I have organized national and international meetings. I am contract professor (without salary) in Molecular Biology at the University of Pavia and regularly teaching to students. I am currently holder of a National Scientific Abilitation certification as a Full Professor in Molecular Biology (Professore I fascia 05/E2)

## Technical skills and competences

I have been working since my graduation on the enzymology of DNA replication. My research has focused on the characterization of different enzymatic systems responsible for nucleotide metabolism and the duplication of the genetic information in human cells and viruses as well as in protozoal parasites. In recent years, I also started to dissect the biochemical pathways involved in coupling the DNA replication and repair machinery to cell cycle regulation in human cells. My interest has been devoted both towards the elucidation of basic molecular processes and to the exploitation of novel enzymatic targets for antiviral and anticancer chemotherapy.

Presently my main lines of research are:

Enzymology of DNA replication and repair in eukaryotic cells  
Novel antiviral strategies against human viruses (HIV, HCV, influenza)  
Development of novel anti-HIV compounds

	Molecular basis for HIV drug-resistance	
	Novel targets and drugs for anticancer chemotherapy	
	<i>Scientific Societies Memberships</i>	
	Member of The Biochemical Society (London)	2005-2017
	Member of the American Society for Biochemistry and Molecular Biology	2010-2014
	Member of the American Society of Microbiology	2013
	<i>Editorial Activities</i>	
	Editor of the Book "DNA Replication Repair and Recombination"	
	Research Signpost, 2008	(ISBN 978-81-308-0253-4)
	Academic Editor of PLoS ONE	(eISSN-1932-6203)
	former Editorial Board Member of the Journal of Biological Chemistry	(ISSN 0021-9258)
	former Editorial Advisory of The Biochemical Journal	(ISSN 0264-6021)
	Guest Editor of Current Drug Metabolism	(ISSN 1389-2002)
	Guest Editor of Current Pharmaceutical Biotechnology	(ISSN: 1389-2010)
Computer skills and competences	Good/Excellent skills in using Microsoft Office and Adobe packages (Word, Excel, Photoshop, Acrobat) in both Windos and MacOS environments. Good/Excellent skills in data analysis with dedicated software (enzyme kinetics). Good skills in visualizing 3D protein structures with dedicated softwares (PDB viewer, RasMol)	
Driving licence	B	
<b>Publications</b>	I am author/co-author of >200 publications in international peer-reviewed journals (ISI WOS), my H-index is 53 (Google Scholar)	