

PERSONAL INFORMATION



EDUCATION AND TRAINING

Jan 2017 – present

Joint Ph.D. program between the *École Normale Supérieure* of Paris (France) and the University of Florence (Italy)

Thesis title: "Autoimmune diseases: identification of glycopeptides, autoantigens resulting from aberrant glycosylations, and preparation of specific columns for a treatment based on plasmapheresis."

Supervisors: Prof. Anna Maria Papini and Dr. Jean-Maurice Mallet

Sep 2014 – Dec 2016

Master degree in Chemistry, University of Florence (Italy), 110/110 cum laude

Curriculum: "Chemistry of biological molecules"

Internship at PeptLab, University of Florence: "Synthesis of fluorescently labelled cell-penetrating peptides as cytoskeletal actin markers."

Supervisors: Prof. Anna Maria Papini and Dr. Giuseppina Sabatino

Sep 2010 – Apr 2014

Bachelor degree in Chemistry, University of Florence (Italy), 110/110

Internship at CERM, University of Florence: "Study of inter- and intra-individual changes in metabolic fingerprint through NMR analysis of saliva samples."

Supervisors: Prof. Claudio Luchinat and Dr. Leonardo Tenori

WORK EXPERIENCE

2015 – present

Chemistry Teacher

NAJS and LogEdu Associations, Florence (Italy)

<http://www.logicaeducation.it/>

- Tutoring in chemistry for young students who aim to attend Medical School

2014 – 2016

Scientific Operator

OpenLab, University of Florence (Italy)

<http://www.openlab.unifi.it/>

- Educational activities for students (from primary to high school) in order to promote scientific culture

PERSONAL SKILLS

Mother tongue

Italian

Other languages

	UNDERSTANDING	SPEAKING	WRITING

Curriculum Vitae Antonio Mazzoleni

	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	B1	B1	A2	A2	A2

Job-related skills

- Knowledge of biological and bioorganic chemistry (peptide, protein, sugar chemistry).
- Knowledge of chemometrics and multivariate statistical analysis.
- Basic knowledge of bioanalytical techniques and bioinformatic tools.
- Basic knowledge of protein expression and purification, biochemical tests, treatment and preparation of biological samples.
- Basic use of NMR spectrometers (solution measurements), UV-Vis spectrophotometers, IR spectrometers, Mass spectrometers, CD spectrometers.

Digital competences

- Good command of most common office suites (word processor, spread sheet, presentation software)
- Basic knowledge in programming and data mining languages: R, FORTRAN 77, HTML

ADDITIONAL INFORMATION

Research Experience

Jan 2017 – present: Research activity at École Normale Supérieure

45 Rue d'Ulm, 75005, Paris, FRANCE

Department of Chemistry, 24 Rue Lhomond, 75005, Paris, France

Laboratoire des BioMolécules, UMR 7203

École Doctorale 406, Chimie Moléculaire Paris Centre

Publications (before PhD)

Individual Human Metabolic Phenotype Analyzed by 1H NMR of Saliva

Samples, S. Wallner-Liebmann, L. Tenori, A. Mazzoleni, M. Dieber-Rotheneder, M. Konrad, P. Hofmann, C. Luchinat, P. Turano and K. Zatloukal, Journal of proteome research, **15**,6,1787-1793 (2016)

Congresses

06/04/2017: Attendance at the International Symposium Chemistry & Biology of Peptides "Diagnostic@MIR"

"Future perspectives in peptide- and protein-based innovative diagnostic technologies: applications to understand the complex molecular mechanisms of immune-mediated diseases"

Maison internationale de la recherche, University of Cergy-Pontoise, FRANCE