

EUROPEAN  
CURRICULUM VITAE  
FORMAT



PERSONAL INFORMATION

Name **SALIS ANNALISA**  
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Nationality **Italian**  
Date of birth **25 July 1975**

WORK EXPERIENCE

- Dates (from – to) **03/12/2012 AT TODAY**
- Name and address of employer Center of excellence for Biomedical Research (CEBR) and Department of Health Environmental and Life Science (DISTAV) at the University of Genoa (Italy).
  - Type of business or sector Research
  - Occupation or position held Fellow Research
- Main activities and responsibilities Extracts analysis of the extracellular matrix of poryphera, characterization of the most abundant proteins (collagen) and any molecules endowed with cytotoxic activity in vitro.
  
- Dates (from – to) **02/11/2011-01/11/2012**
- Name and address of employer Department of Health Environmental and Life Science (DISTAV) c/o Center of excellence for Biomedical Research (CEBR) at the University of Genoa (Italy).
  - Type of business or sector Research
  - Occupation or position held Fellow Research
- Main activities and responsibilities Proteomic analysis of extracellular matrix of porifera and study of related enzymes
  
- Dates (from – to) **02/11/2009-01/11/2011**
- Name and address of employer Department of Experimental Medicine, Biochemistry section (DIMES) c/o Center of excellence for Biomedical Research (CEBR) at the University of Genoa (Italy).
  - Type of business or sector Research

- Occupation or position held
- Main activities and responsibilities

Fellow Research

Role of abscisic acid ( ABA ) in the pathogenesis of metabolic syndromes , type 2 diabetes and atherosclerosis. Development of anti – ABA drugs

- Dates (from – to)
- Name and address of employer

**01/2007-10/2009**

Department of Experimental Medicine, Biochemistry section (DIMES) c/o Center of excellence for Biomedical Research (CEBR) at the University of Genoa (Italy).

- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

Research

Postdoctoral Researcher

Qualitative and quantitative determination of abscisic acid in cell extracts. Modification of the chemical structure of ABA for antagonists and ABA analogs synthesis.

## EDUCATION AND TRAINING

- Dates (from – to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

**2006**

University of Genoa (Italy).

- Level in national classification (if appropriate)

Ph.D in Biochemistry

THESIS TITLE: Mass spectrometry characterization of the proteins present in the axial filament of spicules from *Petrosia Ficiformis*: confirmation of the putative amino acid sequence

- Dates (from – to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

**2002**

University of Genoa (Italy).

- Level in national classification (if appropriate)

Graduated in Pharmaceutical, Chemistry and Technology Degree Thesis  
THESIS TITLE: “Strategies of solid phase synthesis of a cystine-linked peptide-PNA chimera containing one disulphide bridge for intracellular release of active PNA

## PERSONAL SKILLS AND COMPETENCES

*Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.*

MOTHER TONGUE

Italian

OTHER LANGUAGES

english

- Reading skills good
- Writing skills good
- Verbal skills good

**TECHNICAL SKILLS  
AND COMPETENCES**  
*With computers, specific kinds of  
equipment, machinery, etc.*

Structural and qualitative-quantitative analysis of different kind of molecules (proteins, hormones, oligonucleotides, etc) by Mass Spectrometry (GC-MS, ESI-MS, ESI Ion Trap-MS) coupled with chromatography. Protein sequencing, after in gel digestion, by ESI-HR-MS system coupled with HPLC and ESI/MALDI-HR for evaluation of standard and modified (glycosylated, acetylated, etc) peptide in mixture and after their chromatographic separation, using peptide mass fingerprint or ms/ms analysis.

Synthesis and structural characterization of conventional and retroinverse synthetic molecules such as peptide nucleic acid (PNA) and peptides in biological system with potential pharmacological activities.

Technical skills:

- [ Solid phase peptide/PNA synthesis
- [ Chemical synthesis
- [ GC-MS analysis
- [ ESI-MS /Nanospray-MS
- [ MALDI-MS analysis
- [ HPLC
- [ Gel filtration and ionic exchange chromatography
- [ 2D chromatography
- [ Protein analysis
- [ “Bottom-Up” proteomics

**ADDITIONAL INFORMATION**

[ Include here any other information that may be relevant, for example contact persons, references, etc. ]

**ANNEXES**

[ List any attached annexes. ]