

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name **ENRICO MILLO**
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Nationality **ITALIAN**
Date of birth **25 MAY 1968**

WORK EXPERIENCE

FROM 2009 AT TODAY AFFILIATION TO CENTER OF EXCELLENCE FOR BIOMEDICAL RESEARCH-SCHOOL OF MEDICINE. UNIVERSITY OF GENOVA.

**FROM 2006 AT TODAY ASSISTANT PROFESSOR OF BIOCHEMISTRY, UNIVERSITY OF GENOVA, SCHOOL OF MEDICINE.
AFFILIATION TO CENTER OF EXCELLENCE FOR BIOMEDICAL RESEARCH. UNIVERSITY OF GENOVA(ITALY)**

FROM 2005 TO 2006 AN ANNUAL RESEARCH FELLOWSHIP IN BIOCHEMISTRY, SCHOOL OF MEDICINE, UNIVERSITY OF GENOVA(ITALY)

FROM 2002 TO 2005 POSTDOCTORAL RESEARCHER T WITH "GIANNINA GASLINI" INSTITUTE OF GENOVA(ITALY)

FROM 1995 TO 2002 : RESEARCH FELLOW AT SCHOOL OF MEDICINE ,DEPT OF EXPERIMENTAL MEDICINE -BIOCHEMISTRY SECTION, UNIVERSITY OF GENOVA.(ITALY)

FROM 1991 TO 1994: STUDENT AT SCHOOL OF PHARMACY, UNIVERSITY OF GENOVA. (ITALY)

EDUCATION AND TRAINING

2002. PhD in “ CELLULAR AND MOLECULAR BIOTECHNOLOGIES APPLIED TO THE BIOMEDICAL FIELD” AT THE UNIVERSITY OF BRESCIA (ITALY) THESIS TITLE:“SYNTHESIS AND CHARACTERIZATION OF OLIGONUCLEOTIDES ANALOGS (PNA) TO CONTROL THE EXPRESSION OF CYCLOOXYGENASE 2”.

1993-1994 GRADUATED IN “PHARMACEUTICAL CHEMISTRY AND TECHNOLOGY” AT THE UNIVERSITY OF GENOVA (ITALY) AND IN “PHARMACY” AT THE SAME UNIVERSITY

**PERSONAL SKILLS
AND COMPETENCES**

EXPERIENCE IN THE CHEMICAL SYNTHESIS AND CHARACTERIZATION OF ORGANIC AND BIOLOGICAL MOLECULES.

IN PARTICULAR EXPERTISE BOTH THE SOLID AND LIQUID PHASE SYNTHESIS OF MOLECULES WITH POTENTIAL PHARMACOLOGICAL ACTIVITIES INCLUDING PEPTIDES, PEPTIDE NUCLEIC ACIDS, PEPTIDOMIMETICS, CONVENTIONAL AND MODIFIED OLIGONUCLEOTIDES, HORMONE-LIKE MOLECULES AND OTHERS DERIVATIVES.

RESEARCH AREAS INCLUDE BIOCHEMICAL STUDIES APPLIED TO:

1)DESIGN, SYNTHESIS AND CHARACTERIZATION OF PEPTIDE NUCLEIC ACIDS WITH ANTISENSE AND ANTIGENE ACTIVITIES.

2)DESIGN AND CHEMICAL SYNTHESIS OF CONVENTIONAL AND RETRO-INVERSE PEPTIDES AS PHARMACOLOGICAL DRUGS IN DISEASE INVOLVING MISREGULATION OF GENE-EXPRESSION, AUTOIMMUNE DISEASES AND IMMUNOLOGICAL STUDIES.

3)SYNTHESIS OF MODIFIED OLIGONUCLEOTIDES AS POTENTIAL ANTINEOPLASTIC AND ANTIVIRAL DRUGS AND PRO-DRUGS.

4)CONSTRUCTION OF PHOSPHORYLATED COMPOUNDS AS CALCIUM REGULATORY AGENTS

5) SYNTHESIS OF HORMONE-LIKE MOLECULES WITH POTENTIAL PHARMACOLOGICAL ACTIVITIES.

6) DESIGN AND SYNTHESIS OF DRUG-LIKE SMALL MOLECULES (THIAZOLE DERIVATIVES) FOR THE PHARMACOLOGICAL CORRECTION OF THE CYSTIC FIBROSIS CHLORIDE TRANSPORT DEFECT.

7)DESIGN AND SYNTHESIS OF CREATINE-DERIVED COMPOUNDS FOR THE THERAPY OF CREATINE TRANSPORTER DEFICIENCY

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

ENGLISH

- **Reading skills**

GOOD

- **Writing skills**

GOOD

- **Verbal skills**

GOOD

SOCIAL SKILLS

[Describe these competences and indicate where they were acquired.]

AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

ORGANISATIONAL SKILLS

[Describe these competences and indicate where they were acquired.]

AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

TECHNICAL SKILLS

[Describe these competences and indicate where they were acquired.]

AND COMPETENCES

With computers, specific kinds of equipment, machinery, etc.

ARTISTIC SKILLS

[Describe these competences and indicate where they were acquired.]

AND COMPETENCES

Music, writing, design, etc.

OTHER SKILLS

[Describe these competences and indicate where they were acquired.]

AND COMPETENCES

Competences not mentioned above.

DRIVING LICENCE(S)

ADDITIONAL INFORMATION

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

ANNEXES

[List any attached annexes.]