

EUROPEAN CURRICULUM VITAE FORMAT



PERSONAL INFORMATION

Name **ABATE MARIA LORENA**
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Nationality Italian
Date of birth 18.02.1959

WORK EXPERIENCE

- Name and address of employer Dec 2000 - present
UNIVERSITY OF TURIN - Department of Medical Sciences
"Città della Salute e della Scienza di Torino" Hospital
Molecular Hepatology and Gastroenterology Laboratory - Via San Massimo 24 - 10123 Torino
- Type of business or sector Research / Healthcare
- Occupation or position held Research Technician / Biologist
- Main activities and responsibilities Immunochemical and molecular diagnostic for early markers of Hepatocellular Carcinoma, molecular assays for hepatitis viruses (HBV and HCV) on serum and tissue samples (real-time PCR, genotyping, viral polymorfisms). Participation to research projects on: Non Alcoholic Fatty Liver Disease (NAFLD), HBV occult infection, Inflammatory Bowel Diseases (IBD).
Quality Control Manager (ISO 9001:2015) since 2011.

- Name and address of employer May 1999 - Nov 2000
NEW YORK BLOOD CENTER - New York, NY
Lindsay F. Kimball Research Institute – Stem Cell Laboratory.
- Type of business or sector Biomedical Research
- Occupation or position held Assistant Laboratory Member
- Main activities and responsibilities Gene expression studies on purified stem cells from cord blood. Gene expression fingerprinting, real-time PCR.

- Name and address of employer Oct 1994 – Nov 1998
INNOVIR LABORATORIES Inc., New York, NY
- Type of business or sector Biotechnology company focused on the development of RNA enzyme-based technologies for therapeutic and genomic research applications.
- Occupation or position held Research Scientist / Group Leader
- Main activities and responsibilities Cell culture characterization of vector expressed catalytic RNAs directed to Hepatitis B (HBV) mRNAs. Development of PCR-based quantitative assays for detection of HBV DNA and RNA in blood and cell culture specimen. In-vitro studies of chemically-synthesized ribozymes directed against different target RNAs (bovine viral diarrhea virus (BVDV) and hepatitis C virus (HCV)).

- Name and address of employer Mar 1994 – Sept 1994
INNOVIR LABORATORIES Inc., New York, NY
- Occupation or position held Visiting Scientist
- Main activities and responsibilities Development of plasmid vectors carrying polymerase III promoter to express short catalytic RNAs (External Guide Sequences -EGSs) to direct cleavage of HBV RNA.

- Name and address of employer Sept 1990 – Feb 1994
MOLINETTE HOSPITAL, Turin, Italy.
Department of Gastroenterology, Hepatology Laboratory
- Type of business or sector Biomedical Research
- Occupation or position held Research Fellow
- Main activities and responsibilities Molecular characterization of HBV “e” minus mutants in correlation to the outcome of HBV chronic infection. Development of PCR-based detection of HCV RNA in clinical samples to study asymptomatic carriers and chronically infected patients undergoing alpha-interferon treatment. Sequencing of the HCV RNA hyper-variable region 1 (HVR-1) and correlation to viral persistence and liver disease. Validation of PCR-based protocol for quantitative analysis of HCV RNA in biological specimen.

- Name and address of employer Jul 1987- Jun 1990
UNIVERSITY OF TURIN, Turin, Italy
Department of Biomedical Sciences and Human Oncology
- Type of business or sector University
- Occupation or position held Research Fellow
- Main activities and responsibilities Characterization of *c-abl* proteins in chronic myelogenous leukaemia and in acute lymphoblastic leukaemia. Molecular characterization of *c-met* oncogene in human gastric carcinoma cell line.

EDUCATION AND TRAINING

Apr 1990
MEMBERSHIP OF BIOLOGISTS NATIONAL REGISTRY
ID # 33752

Mar 1987- Mar 1988
MOLINETTE HOSPITAL , Turin, Italy
Department of Haematology - Laboratory of Haematology

Post degree Training
Cytochemical and immuno-fluorescence techniques for differential diagnosis of myelogenous and lymphoblastic leukaemias.

July 1986
UNIVERSITY OF TURIN, Turin, Italy
Mathematics , Physics and Natural Sciences Faculty

Biological Sciences Degree

**SKILLS
AND COMPETENCES**

MOTHER TONGUE Italian

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

ENGLISH	FRENCH
excellent	scholastic
fluent	scholastic
fluent	

TECHNICAL SKILLS
AND COMPETENCES

MS Office (Word, Excel, Power Point).

SOCIAL SKILLS
AND COMPETENCES

DRIVING LICENCE(S)

Driving license B

• Torino, 20/03/2023

Firma
Maria Lorena Abate

Autorizzo il trattamento dei dati personali ai sensi della legge 196/03.