

EUROPEAN CURRICULUM VITAE



PERSONAL INFORMATION



ROLLA ROBERTA

Italy
December 4, 1972

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EDUCATION AND TRAINING

1986-1991

Classical High School "Carlo Alberto," Novara

Final grade: 59/60.

1991-1996

Master's Degree in Biological Sciences (Bio-Molecular specialization), University of Pavia

Final grade: 110/110 with honors.

1995

Erasmus Project at the University of Greenwich (Dr. Alistair H. Bishop), U.K.

1996-2001

Specialization in Clinical Pathology, University of Eastern Piedmont "Amedeo Avogadro,"
Novara.

Final grade: 110/110 with honors.

2023

Master in Managerial and Professional Development, NEXT LEADERS-LAB, Research and
Advanced Training Center in Health Administration, University of Milan.

WORK EXPERIENCE

1996-2001

University of Eastern Piedmont "Amedeo Avogadro, Novara.

Specialization in Clinical Pathology.

Research Activities.

2001-2006

University of Eastern Piedmont "Amedeo Avogadro", Novara.

S.C.D.U. Clinical Biochemistry Laboratory, AOU "Maggiore della Carità", Novara.

Contract researcher.
Research and clinical activities (laboratory diagnostics).

2006-present
University of Eastern Piedmont "Amedeo Avogadro", Novara.
Employed university researcher, scientific-disciplinary area MED/05.
Research, teaching and clinical activities (laboratory diagnostics).

2006-2019
S.C.D.U. Clinical Biochemistry Laboratory, AOU "Maggiore della Carità", Novara.
Director Biologist for Molecular Diagnostics Sector.
Research, Teaching and Assistive Activities (Laboratory Diagnostics).

2006-present
S.C.D.U. Laboratorio Biochimica Clinica, AOU "Maggiore della Carità", Novara.
Director Biologist for the Hemostasis and Coagulation Sectors.
Research, Teaching and Assistive Activities (Laboratory Diagnostics).

2008-2014
San Rocco Hospital in Galliate, AOU "Maggiore della Carità", Novara.
Director of the Center for Molecular Diagnostics.
Research, Teaching and Assistive Activities (Laboratory Diagnostics).

2009-2018
Member and founder of the CRIFF (Centre for Interdepartmental Research in Pharmacology and Pharmacogenomics) in the field of pharmacogenetics.

2013-present
Founding partner and member of the GEPAL Group (Piedmont Aosta Valley Laboratories Hemostasis Group).

2015-present
S.C.D.U. Clinical Biochemistry Laboratory, AOU "Maggiore della Carità", Novara.
Director Biologist for Hemoglobinopathies Sector.
Research, Teaching and Assistive Activities (Laboratory Diagnostics).

2016-present
Highly specialized appointment with the title "Laboratory diagnosis of haemoglobinopathies" at the S.C.D.U. Laboratory of Clinical Biochemistry, AOU "Maggiore della Carità", Novara.

2016-present
Member of the SIBioC Integrated Hematology Diagnostics Study Group.

2020-present
Scientific qualification for the position of Second-level Professor, in the competitive sector 06/A2 - GENERAL PATHOLOGY AND CLINICAL PATHOLOGY.

2021-present
Head of the simple structure "Urgent Laboratory Diagnostics Unit" at the S.C.D.U. Clinical Biochemistry Laboratory, AOU "Maggiore della Carità", Novara.

2021-present
Italian NEQAS (UK) contact person for General Haematology and Transfusion, as Clinical Pathology Specialist, specifically for the Abnormal Hemoglobins, HbA2/ HbF & ABNORMAL HAEMOGLOBINS and NEWBORN SICKLE SCREENING exercises, on behalf of Flow Assessment S.r.l (Italy).

2021-present

Member of the Board of Directors of the Italian Society of Clinical Biochemistry and Clinical Molecular Biology (SIBioC) for the years 2022-2025.

<https://sibioc2021.votaora.eu/index/esitoelezioni>; <https://sibioc.it/>

2022-present

Winner for the call for the applications for the position of a Second-level university Professor in competition 06/A2 - GENERAL PATHOLOGY AND CLINICAL PATHOLOGY by the University of Eastern Piedmont "Amedeo Avogadro", Novara.

2022-present

Scientific qualification for the position of First-level Professor, in the competitive sector 06/A2 - GENERAL PATHOLOGY AND CLINICAL PATHOLOGY.

2025-present

Corresponding Members for Italy of the Working Group "Standardisation of Hemoglobin A2 (WG-HbA2) Joint Working Group with ICSH (International Council for Standardization in Haematology)" of the international society IFCC (The International Federation of Clinical Chemistry and Laboratory Medicine).

<https://ifcc.org/ifcc-scientific-division/sd-working-groups/wg-hba2>

INSTITUTIONAL TEACHING ACTIVITIES

2007-2010

Professor of Clinical Pathology in the "Molecular Diagnostics II" course as part of the Integrated Course in Clinical Pathology, Medical and Pharmaceutical Biotechnology, University of Eastern Piedmont "Amedeo Avogadro" (UPO), Novara.

2007-2010

Professor of Clinical Pathology in the course "Experimental Design" within the Integrated Course of Clinical Pathology, Graduate Course of Medical and Pharmaceutical Biotechnology, University of Eastern Piedmont "Amedeo Avogadro", Novara.

2007-2012

Member of the Teaching Committee for the Ph.D. programme entitled: "MOLECULAR MEDICINE", EAST PIEDMONT "Amedeo Avogadro" University, Department of Health Sciences, Novara, academic years 2007/2012.

2008-2010

Professor of Clinical Pathology in the course "Emergency diagnostics" as part of the integrated course in Biochemical Diagnostics, Graduate Course of Biomedical Laboratory Techniques, University of Eastern Piedmont "Amedeo Avogadro", Novara.

2007-present

Member of the Board of the School of Specialization in Clinical Pathology, UPO, Novara.

2007-present

Professor of Clinical Pathology at the School of Specialization in Clinical Pathology, UPO, Novara, Italy.

2010-present

Professor of Clinical Pathology at the School of Specialization in General Surgery, University of Eastern Piedmont "Amedeo Avogadro", Novara.

2010-present

Professor of Clinical Pathology in the integrated course "Molecular Diagnostics II," Master's Degree in Medical Biotechnology, University of Eastern Piedmont "Amedeo Avogadro", Novara.

2010-present

Professor of Clinical Pathology in the integrated course "Molecular Diagnostics in Clinical Pathology," Graduate Course of Biomedical Laboratory Techniques, University of Eastern Piedmont "Amedeo Avogadro", Novara.

2010-present

Professor of Clinical Pathology in the integrated course "Biotechnological Applications in the Clinical Laboratory," Master's Degree in Biotechnology, University of Eastern Piedmont "Amedeo Avogadro, Novara.

2010-present

Coordinator of the Integrated Course "Molecular Diagnostics in Clinical Pathology," Degree Course in Biomedical Laboratory Techniques, University of Eastern Piedmont "Amedeo Avogadro," Novara.

2010-present

Coordinator of the Integrated Course "Biotechnological Applications in the Clinical Laboratory," Master's Degree in Biotechnology, University of Eastern Piedmont "Amedeo Avogadro, Novara.

2012-2015

Member of the Teaching Committee of the Master's Degree Course in Medical Biotechnology, University of Eastern Piedmont "Amedeo Avogadro", Novara.

2013-present

Member of the Audit Committee of the Department of Health Sciences, University of Eastern Piedmont "Amedeo Avogadro", Novara.

2013-present

Professor in the Ph.D. programme entitled: "MEDICAL SCIENCES AND BIOTECHNOLOGIES", EAST PIEDMONT "Amedeo Avogadro" University," Department of Translational Medicine, Novara, academic years 2013/2017, cycles 29-38.

2014-present

Council member of the Master Degree in Medical Biotechnologies, UPO, Novara.

2014-present

Professor for the reference study programme Biomedical Laboratory Techniques UPO, Novara.

2014-present

Professor of Clinical Pathology in the Integrated Course "Molecular Diagnostics," Master Degree in Medical Biotechnologies, UPO, Novara.

2015-present

Member of the Teaching Committee for Master Degree in Biotechnology, University of Eastern Piedmont "Amedeo Avogadro", Novara.

2016-present

Board member of the School of Specialization in Specialization in Oncology, UPO, Novara.

2016-present

Board member of the School of Specialization in Endocrinology, UPO, Novara.

2016-present

Board member of the University Master's Degree Program in "Molecular Diagnostics," UPO, Novara, Italy.

2018-present

Professor of Clinical Pathology in the integrated course "Integrated Diagnostics: Laboratory Medicine," Medical Degree, UPO, Novara.

2017-present

Professor of Clinical Pathology at School of Specialization in Endocrinology and Metabolic Diseases, UPO, Novara, Italy.

2018-present

Professor of Clinical Pathology at School of Specialization in Hematology, UPO, Novara.

2018-present

Professor of Clinical Pathology at School of Specialization in Anesthesiology, Resuscitation, Intensive Care and Pain Therapy, UPO, Novara.

2018-present

Professor of Clinical Pathology at School of Specialization in Otolaryngology, UPO, Novara.

2018-present

Professor of Clinical Pathology at School of Specialization in Pediatrics, UPO, Novara.

2018-present

Professor of Clinical Pathology at School of Specialization in General Surgery, UPO, Novara.

2019-present

Professor of Clinical Pathology at School of Clinical Pathology and Clinical Biochemistry, UPO, Novara.

2020-present

Professor of Clinical Pathology at School of Specialization in Medical Oncology, UPO, Novara.

2020-present

Coordinator of the integrated course "Laboratory Diagnostics," Graduate Course of Biomedical Laboratory Techniques, UPO, Novara.

2019-present

Council Member at the School of Specialization in Clinical Pathology and Clinical Biochemistry, UPO, Novara.

2023-present

Professor of clinical pathology in the integrated course "Laboratory Diagnostics," Graduate Course of Biomedical Laboratory Techniques, UPO, Novara

2023-present

Professor of Clinical Pathology at School of Specialization in Hospital pharmacy, UPO, Novara.

PUBLICATIONS

Books: Editor of the parts dedicated to laboratory medicine of the second edition of the textbook of internal medicine "Internal Medicine: Methodology, Semeiotics, Pathophysiology, Clinical, Medical Therapy", scientific editor Prof. Ettore Bartoli, Chiron Modern Publishing, September 29, 2024.

Author of numerous publications (extended articles in peer-reviewed journals).

Total publications: 161; scopus h index = 23; sum of times cited = 2290

PUBMED: [HTTPS://WWW.NCBI.NLM.NIH.GOV/PUBMED/?TERM=ROLLA+R](https://www.ncbi.nlm.nih.gov/pubmed/?term=ROLLA+R)

WEB OF SCIENCE: <https://antlia.med.unipmn.it:2161/wos/woscc/citation-report/afc22839-96e7-4f97-ad98-45251658de4c-0256eb2e>

**PERSONAL SKILLS AND
COMPETENCIES**

A member of several research groups in various areas of Laboratory Medicine, she has received numerous grants, including a prestigious prize awarded by the Piedmont Region as part of a European competition: INFRA-P2_ Realization, Enhancement, and Expansion of Public Research Infrastructure, for the project entitled "MULTI-OMIC TECHNIQUES in Medical Sciences: artificial intelligence to support public health (TECNOMED-HUB)".

Scientific director of numerous regional, national and international conferences and courses, dedicating herself to each project with tireless passion and dedication. Speaker at several national conferences, with contributions on hematology, hemoglobinopathies, hemostasis and coagulation, molecular biology and appropriateness of prescribing.

With extensive experience in routine, emergency and critical care, she has developed excellent teamwork, organizational and management skills, working effectively and professionally with all healthcare professionals involved.

**MADRELINGUA
OTHER LANGUAGES**

**ITALIAN
ENGLISH**

Novara, February 17, 2025

"I authorize the processing of my personal data in accordance with EU) 2016/679 on the processing of personal data and the previous Legislative Decree 196/03"

Roberta Rolla

