

PERSONAL INFORMATION

Roberta Gualtierotti

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H-index: 32 (source: Scopus), 39 (source: Google Scholar)

N.o of publications 145 (source: Scopus), 246 (source: Google Scholar)

N.o of citations 5765 (source: Scopus), 8460 (source Google Scholar)

Sex Female | Nationality Italian

CF GLTRRT83P42F205L

CURRENT POSITION

- Associate Professor of Internal Medicine at Università degli Studi di Milano, Italy
- Internal Medicine consultant at Medicine – Hemostasis and Thrombosis and Angelo Bianchi Bonomi Hemophilia and Thrombosis Centre, Fondazione IRCCS Ca' Granda, Ospedale Maggiore Policlinico, Milan, Italy
- Board Member of the Medical Association of Milan (OMCEOMI)
- Executive Committee member of the European Association for Haemophilia and Allied Disorders (EAHAD)

WORK EXPERIENCE

Research and teaching activity

March 2023 - ongoing

Associate Professor of Internal Medicine

Department of Pathophysiology and Transplantation, Università degli Studi di Milano, Milan, Italy

- Author and co-author of more than 90 scientific papers in English and Italian and numerous posters and oral communications at national and international congresses.

March 2020 – March 2023

Assistant Professor of Internal Medicine (Ricercatore a tempo determinato, lettera B)

Department of Pathophysiology and Transplantation, Università degli Studi di Milano, Milan, Italy

February 2019 – February 2020

Postdoctoral Research Fellow

Department of Medical Biotechnology and Translational Medicine, Università degli Studi di Milano, Milan, Italy

- Project "Translational medicine between clinical practice and research: dissecting immunological mechanisms of rheumatoid arthritis" funded by CARIPLO foundation (nr. 2017-1938) in collaboration with Lombardy Foundation for Biomedical Research (FRRB nr 2015-0010),
- Funding: 125.000€

April 2017 – January 2019

Research Fellow

Department of Clinical Sciences and Community Health, Università degli Studi di Milano, Milan, Italy

- Project title: "Targeted nanoparticles as an innovative diagnostic and therapeutic approach in thrombotic anti-phospholipid syndrome"
- Design, discussion and submission of the project to local Ethics committee, selection and recruitment of patients, data analysis

External teaching activity

2024 - ongoing

Lecturer

Second level professional Master's program on Gender-specific medicine: an innovative push in the development of personalized medicine and a challenge for healthcare systems

Department of Medicine and Surgery, Università di Parma, Parma, Italia
Associazione Italiana Donne Medico (AIDM)

2021 - ongoing

Lecturer

Advanced course in musculoskeletal ultrasound (Corso di perfezionamento in ecografia muscoloscheletrica della scuola SIUMB)

Department of Clinical and Experimental Medicine, Università di Pisa, Pisa, Italia
Società Italiana di Ultrasonologia in Medicina e Biologia (SIUMB)

Clinical and healthcare activity

May 2020 - ongoing

Internal Medicine consultant (Dirigente Medico di primo livello)

Internal Medicine – Hemostasis and Thrombosis and Angelo Bianchi Bonomi Hemophilia and Thrombosis Centre, Fondazione IRCCS Ca' Granda, Ospedale Maggiore Policlinico, Milan, Italy.

- Management of patients with bleeding disorders and diagnosis and follow-up of musculoskeletal complications
- Referent of the Fibromyalgia syndrome outpatient clinic

October 2019 – April 2020

Rheumatologist consultant

Angelo Bianchi Bonomi Hemophilia and Thrombosis Centre, Fondazione IRCCS Ca' Granda, Ospedale Maggiore Policlinico, Milan, Italy.

November 2013 – March 2017

Rheumatology specialist

Department of Clinical Rheumatology and Medical Sciences, ASST Pini-CTO, Milano.

- Lupus Outpatient Clinic

EDUCATION AND TRAINING

October 2023

Course on “Gender and health: awareness, analysis, and action”

Virtual Campus for Public Health, Pan American Health Organization (PAHO), Washington, DC, USA

March 2021 – November 2021

Advanced course on digital innovations and information technologies for the governance of health organizations (Corso di perfezionamento innovazione digitale e sistemi informativi per il governo delle organizzazioni sanitarie)

Alta scuola di economia e management dei sistemi sanitari ALTEMS, Università Cattolica del Sacro Cuore, Roma, Italia.

June 2020- February 2021

Advanced course in musculoskeletal ultrasound (Corso di perfezionamento in ecografia muscoloscheletrica della scuola SIUMB)

Department of Clinical and Experimental Medicine, Università di Pisa, Pisa.

Società Italiana di Ultrasonologia in Medicina e Biologia (SIUMB)

June 2019

Advanced course in Clinical Research (Corso di perfezionamento in ricerca clinica) – Guidelines for clinical practice

Department of Biomedical Sciences for Health, Università degli Studi di Milano, Milano.

April 2018 – June 2018

Advanced course in Clinical Research (Corso di perfezionamento in ricerca clinica) – Randomized controlled trials

Department of Biomedical Sciences for Health, Università degli Studi di Milano, Milano.

May 2016 – January 2017

Post-graduate Advanced course (Master di II livello) “Clinical Problem solving in Reumatologia”

Università degli Studi Niccolò Cusano, Roma, Italia

- Thesis entitled: “Detection of early endothelial damage in patients with Raynaud's phenomenon”

October 2012 – February 2016

PhD Experimental Pathology and Neuropathology

PhD School of Experimental Pathology and Neuropathology, Università degli Studi di Milano, Milan, Italy

- Thesis entitled: “Activity of monomeric second mitochondrial activator of caspases (SMAC) mimetic compounds on human fibroblast-like synoviocytes from rheumatoid arthritis patients”

March 2008 – June 2013

Post-graduate Specialisation in Rheumatology (70/70 cum laude)

Post-graduate School of Rheumatology, Università degli Studi di Milano, Milan, Italy

- Thesis entitled: “The role of fibrosis biomarkers in the early diagnosis of systemic sclerosis”

September 2001 – July 2007

Master's degree in Medicine and Surgery (110/110 cum laude)

Faculty of Medicine and Surgery, University of Milan, Italy

- Thesis entitled: "A prognostic model based on nailfold capillaroscopy for identifying patients with Raynaud's phenomenon at high risk of developing a scleroderma spectrum disorder: a prognostic index for nailfold capillaroscopic examination (PRINCE)"

September 1996 – July 2001

High School Diploma (100/100)

- Liceo Classico, ed. Statale Setti Carraro Dalla Chiesa, Milano.

PERSONAL SKILLS

Mother tongue

Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Cambridge English Qualification C1 Advanced (CAE), grade B, Università degli Studi di Milano, 7 th September 2019					
French	A2	B1	A2	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- Good communication skills acquired during post-graduate and PhD school and with a public speaking course at Università degli Studi di Milano (2014)

Job-related skills

- ILS 2024 (Italian Resuscitation Council)
- ACLS course 2022 (American Heart Association)
- BLSD course 2021 (Italian Resuscitation Council)
- Rheumatology musculoskeletal ultrasound; intra-articular injections; nailfold videocapillaroscopy
- Cell cultures; biologic sample collection and storing; data collection and analysis; database design
- Sub-investigator of several clinical trials on rheumatic and hematological disease.
- Member of the Editorial Board of Frontiers in Immunology (2023 – ongoing, Frontiers), Journal of Clinical Medicine (2019 – ongoing, MDPI), of Rheumatology and Therapy, Pain and Therapy and of Advances in Therapy (2016 – ongoing, Springer Nature).
- Invited reviewer for several peer-reviewed journals (Internal and Emergency Medicine; PlosONE; Lupus; Atherosclerosis; BMJ Case Report; Frontiers in Pharmacology; Rheumatology; Cardiology and others).

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

- good command of Microsoft Office suite (word processor, spread sheet, presentation software);
- good command of photo editing software gained as an amateur photographer
- good command of statistical softwares (SPSS, MedCalc and PrismaPad)

Driving licence

Category A, B

ADDITIONAL INFORMATION

Most recent and relevant publications

- Giachi A, Santagata D, Truma A, Artoni A, Bucciarelli P, Valenti L, Ay C, **Gualtierotti R**. Sex Differences in Cancer-Associated Thrombosis. *Int J Mol Sci*. 2026 Mar 9;27(5):2515. doi: 10.3390/ijms27052515.
- **Gualtierotti R**, Giachi A, Arcudi S, Truma A, Suffritti C, Colussi M, Manzoni M, Ahmetovic D, Angileri SA, Carrafiello G, Mascetti S, Bettini C, Peyvandi F. Artificial Intelligence for Automated Detection of Joint Bleeding via Ultrasound in Hemophilia: Advancing Standardization. *J Thromb Haemost*. 2026 Mar 4:S1538-7836(26)00145-5.
- **Gualtierotti R**. Bridging the gap: Time to integrate sex and gender differences into research and clinical practice for improved health outcomes. *Eur J Intern Med*. 2025 Apr;134:9-16.
- **Gualtierotti R**, Garagiola I, Mortarino M, Spena S, Romero-Lux O, Peyvandi F. Gender equity in hemophilia: need for healthcare, familial, and societal advocacy. *Front Med (Lausanne)*. 2024 Apr 5;11:1345496.
- Rezende SM, Neumann I, Angchaisuksiri P, Awodu O, Boban A, Cuker A, Curtin JA, Fijnvandraat K, Gouw SC, **Gualtierotti R** et al. International Society on Thrombosis and Haemostasis clinical practice guideline for treatment of congenital hemophilia A and B based on the Grading of Recommendations Assessment, Development, and Evaluation methodology. *J Thromb Haemost*. 2024 Sep;22(9):2629-2652.

Patents

Request N. 102025000004263 03 March 2025 for patenting of a 3D support for joint ultrasound examination: Università degli Studi di Milano, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milano, Italy

Grants

2025, PI of the project Hemophilia Kinematic Lab - HemoKLab, Department of Pathophysiology and Transplantation, Università degli Studi di Milano 2025 Research/Teaching Grant, 20.000€

2023 – 2026, PI of the project “Tight control of treatment adherence and efficacy by tElemedicine for an improved personalized Management of Patients with hemOphilia” - TEMPO project funded by PRIN 2022 funding by the Italian Ministry of University and Research, 198.330€

2023 – 2024, PI of the project “Gender Definition Questionnaire: Creation and Validation of an Innovative Tool for the Subjective Definition of Gender Spectrum Belonging”, Piano di Sostegno alla ricerca Linea 2 Department of Pathophysiology and Transplantation, Università degli Studi di Milano, 9.100€

2022, EULAR publication voucher for the publication Nailfold Videocapillaroscopic Alterations as Markers of Microangiopathy in COVID-19 Patients, by Gualtierotti R, et al *J Clin Med*. 2023 May 28;12(11):3727

2022 – 2024, PI of the project “Personalised hEmophilia Therapy based on intelligent Remote monitoring of joint health” - PETRA project funded by 5x1000 – 2020 di Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico di Milano, 50.000€

2020 – 2021, PI of the project “Pilot study single-cell RNA and ATAC sequencing in Macrophages in COVID-19 – the PIRAMID study”, Piano di Sostegno alla ricerca Linea 2 Department of Pathophysiology and Transplantation, Università degli Studi di Milano, 10.000€

2020 – 2023, PI of the project “Inflammation, coagulation and the immune system - INCISE project” funded by 5x1000 - 2017 Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico di Milano, 105.000€

2020 – 2023, Clinical Research Award – Bayer Hemophilia Award Program: “Detection of novel biomarkers for hemophilic arthropathy via transcriptome analysis – the THEMA study”, 75.000\$

2020 – 2023, Clinical Research Award of the 13th edition of the Grifols Martin Villar: “Joint damage in patients affected by Von Willebrand Disease: a single center cross-sectional study to identify and quantify chronic arthropathy in Von Willebrand Disease and in mild hemophilia A - the JEWEL study”, 50.000€

2019 – 2023 CARIPLO foundation (nr. 2017-1938) in collaboration with Lombardy Foundation for Biomedical Research (FRRB nr 2015-0010), PI of the project “Translational medicine between clinical practice and research: dissecting immunological mechanisms of rheumatoid arthritis”, 125.000€

Honours and awards

2025 – Best Poster Award – Second Place, “Circulating miRNA Landscape in Hemophilic Arthropathy: Distinguishing Disease Conditions and Identifying Potential Biomarkers”, European Association for hemophilia and allied disorders (EAHAD) congress, 2025

2023 – Roche for research in Hereditary coagulopathies award with the project “Single cell transcriptome analysis to improve knowledge on inhibitor development in hemophilia (SPARKLE)”, 50.000€

2023 – Young researcher award (under 40) Società Italiana Medicina Interna (SIMI), with the project “Single-cell and spatial transcriptomics analysis of the synovial membrane to disclose the pathogenic mechanisms of hemophilic arthropathy – SPACE study”, 25.000€

2023 – 1st prize (1° Premio) Donne protagoniste in Sanità – for the project “Gender Equality Plan and Gender Medicine Working group” for Fondazione IRCCS Ca’ Granda Ospedale Maggiore Policlinico, Milan, Italy

2021 – Young investigator award (under 40) Società Italiana di Reumatologia (SIR) oral communication “Chemical synovectomy in a patient with acquired Von Willebrand syndrome with chronic synovitis due to recurrent knee hemarthrosis: a case report” at ISIA Congress

2019 – EULAR travel bursary 2nd EULAR Synovial Biopsy Course

2017 – Gruppo Italiano LES travel grant per il Congresso EULAR Madrid 2017 per il poster “Defective regulation by ATP-gated ionotropic P2X7 receptor drives T follicular helper cell expansion in systemic lupus erythematosus”

2015 – Young researcher award (under 35) Società Italiana di Reumatologia (SIR) with the project “Analysis of the purinergic regulation of T helper follicular cells in patients with Systemic lupus erythematosus” 25.000€

2010 – Young investigator award (under 35) Società Italiana di Reumatologia (SIR) oral communication “Construct validity, feasibility and acceptability of EQ-5D to assess physical and mental quality of life in systemic sclerosis patients” at the first World Systemic Sclerosis Congress

Memberships and participation in research groups

- Executive Committee member of the European Association for Haemophilia and Allied Disorders (EAHAD) (2026 – ongoing)
- Board Member of the Medical Association of Milan (OMCEOMI) (2024 – ongoing)
- Board Member of the Associazione Italiana Donne Medico – sezione Milano (2024 – ongoing)
- Società Italiana per lo Studio dell'Emostasi e Trombosi (SISSET), Componenti della Commissione Attività Linee Guida e Raccomandazioni (CALG) (2024-2026)
- Chair of the European Association for hemophilia and allied disorders (EAHAD) Joint Health Working Group (2024 - ongoing)
- International Prophylaxis Study Group (IPSG) Imaging Expert Working Group member (2024 – ongoing)
- Leader of the “Standardization of musculoskeletal ultrasound in hemophilia and related disorders”, a Scientific and Standardization Subcommittee (SSC) on Factor VIII, Factor IX & Rare Coagulation Disorder International Society on Thrombosis and Haemostasis (ISTH) project (2023 – ongoing)
- Co-Chair of the Scientific and Standardization Subcommittee (SSC) on Factor VIII, Factor IX & Rare Coagulation Disorder International Society on Thrombosis and Haemostasis (ISTH) (2023 - ongoing)
- Gender Medicine representative and working group leader at Fondazione IRCCS Ca’ Granda Ospedale Maggiore Policlinico (2023 - ongoing)
- European Association for hemophilia and allied disorders (EAHAD) e-learning working group (2022 - ongoing)
- Gender policy referent for the DEPT department of University of Milan (2021 - ongoing)
- Multisocietary consensus on atypical hemolytic-uremic syndrome (2024)
- International Society on Thrombosis and Haemostasis (ISTH) Hemophilia guidelines panel (2021 – 2024)
- International Society on Thrombosis and Haemostasis (ISTH) COVID-19 Task Force (2020-2022)
- Action Item Group 2 International Consortium of Personalised Medicine (ICPerMed) (2019-2020)
- Musculoskeletal Study Group of Associazione Italiana Centri Emofilia (AICE)
- Education Scientific Committee of Medico e Paziente (M e P) edizioni, Milan Italy

- Expert reviewer for Israel Science Foundation (2025); French Ministry of Health, French National Program (2022-2024); SEED 4EU+ (2023); Fondazione Cariplo (2023); Best Practice International Consortium of Personalised Medicine (ICPerMed) recognition (2019-2023)
- Collegio dei Docenti Universitari di Medicina Interna (COLMED), International Society of Thrombosis and Hemostasis (ISTH), European Association for hemophilia and allied disorders (EAHAD), Società italiana di ultrasonologia in medicina e biologia (SIUMB), Società Italiana di Medicina Interna (SIMI), Associazione Italiana Centri Emofilia (AICE), European Lupus Society (SLEuro), Emerging European League against Rheumatism network (EMEUNET), Società Italiana di Reumatologia (SIR)

Certifications

- 2017 – 2026 National Scientific Qualification as Associate Professor in Rheumatology (Abilitazione scientifica nazionale a Professore Associato in Reumatologia. Domanda 1532/2016, settore 06/D3)
- Ministry of Education, University and Research (MIUR), Rome, Italy
- 2022 – 2031 National Scientific Qualification as Associate Professor in Internal Medicine (Abilitazione scientifica nazionale a Professore Associato in Medicina Interna. Domanda 35673/2021, settore 06/B1)
- Ministry of Education, University and Research (MIUR), Rome, Italy

Avvalendomi delle disposizioni di cui all'art. 46 del D.P.R. 445/2000, consapevole delle pene stabilite per le false attestazioni e mendaci dichiarazioni previste dal codice penale e dalle Leggi speciali in materia, dichiaro che le informazioni riportate nel presente curriculum vitae corrispondono a verità.

Autorizzo il trattamento dei miei dati personali contenuti nel CV ai sensi del D. Lgs. 196/2003 "Codice in materia di protezione dei dati personali" e del GDPR (Regolamento UE 2016/679)

Milano, 5 May 2026