



Andrea Ricci

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Policlinico di Modena
Via del Pozzo 71
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Andrea Ricci

MD

About Me I graduated in Medicine and Surgery and attended the Sant'Anna School of Advanced Studies in Pisa, which allowed me to spend several months in scientific trainings abroad (USA, Canada, France, Sweden). Currently I live in Modena, and work as an Internal Medicine researcher under the guidance of professors Antonello Pietrangelo, Paolo Ventura, and Elena Corradini. I am interested in rare diseases, mainly hemochromatosis, Wilson's disease, hereditary hemoglobinopathies, aceruloplasminemia and other NBIA's, and porphyrias. I have pursued a clinical education and plan to improve my bioinformatic skills (mainly genomic) in the next few years.

Even though I have no formal IT education, I studied a few programming languages (C, Matlab) and use R currently as part of my clinical research work. I have attended a Second level University Master course in Omics Data Analysis, held by the University of Padua.

Current position

Tenure-Track Researcher

Department of Medical and Surgical Sciences
Azienda Ospedaliero-Universitaria Policlinico di Modena
University of Modena and Reggio Emilia
July 2024 - ongoing

University Education

Second-level University Master course in Omics Data Analysis

University of Padua (UNIPD) 2023-2024

Medical Residency - Internal Medicine Specialization

School of Internal Medicine
University of Modena and Reggio Emilia (UNIMORE) 2018-2023

Master's Degree in Medical Sciences

Sant'Anna School of Advanced Studies - Pisa (SSSUP) 2012-2017

Master's Degree in Medicine and Surgery

University of Pisa (UNIFI) 2011-2017

Qualifications

Clinical

SIECVI National Certificate of Competence in Basic Echocardiography released by the Italian Society for Cardiovascular Imaging (SIECVI), 2024

Basic Certificate for mastering Clinical Electrocardiography released by the Italian Society of Internal Medicine (SIMI), 2020



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SIUMB National Certificate of Competence in Clinical Ultrasound
released by the Italian Society for Ultrasound in Medicine and Biology (SIUMB), 2018

Proficiency in ultrasound-guided placement of peripheral venous catheters (mini-midline, midline)

Other

Certificate of Proficiency in English (CPE C2) *released by the Cambridge Assessment English, 2022*

Diplôme approfondi de langue française C2 (DALF C2) *released by the Institut français, 2017*

European Computer Driving Licence (ECDL) *released by the ECDL Foundation, 2009*

Language skills

Mother Tongue Italian

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	C2	C2	C2	C2	C2

Research Activity in Clinical Trials

- **Principal Investigator** (former **Sub-Investigator**) in the **IN-SPIRE** study, a phase 3 trial of the study drug dersimelagon for **Erythropoietic Protoporphyria** and **X-Linked Protoporphyria**.
- **Principal Investigator** (former **Sub-Investigator**) in the **RES-PITE** study, a phase 3 trial of the study drug dersimelagon for **Erythropoietic Protoporphyria** and **X-Linked Protoporphyria**, including its open-label extension.
- **Principal Investigator** in the **SCENESSE® PASS-001** study, a post-authorisation disease registry safety study of afamelanotide for **Erythropoietic Protoporphyria**
- **Sub-Investigator** in the **ELEVATE** study, a global observational longitudinal prospective registry of patients with **Acute Hepatic Porphyria**.
- **Sub-Investigator** in the **ENVISION** study, a phase 3 trial of the RNAi therapeutic givosiran for **Acute Hepatic Porphyria**.
- **Sub-Investigator** in the **ENERGIZE** and **ENERGIZE-T** studies, two phase 3 trials of the study drug mitapivat in subjects with either transfusion- or non-transfusion-dependent **Alpha- or Beta-Thalassemia**.
- **Sub-Investigator** in the **RISE-UP** study, a phase 3 trials of the study drug mitapivat in subjects with **sicke-cell anaemia**.



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Selected Abstracts and Proceedings

- *Troppmair, M.R. et al.* Dysregulation of hepcidin in hemochromatosis: results from a multinational cross-sectional study on serum iron parameters and MRI. *J. Hepatol.* 2026. May 2026 DOI: 10.1016/S0168-8278(26)02284-1
- *Schaefer, B. et al.* The natural history of ferroportin disease – Results of the international, multicenter EASL non-HFE registry. *Z. Gastroenterol.* 2024. June 2024. DOI: 10.1055/s-0044-1786922
- *Ricci, A. et al.* Portal hypertension in advanced protoporphyric hepatopathy: a case report. Presented at the International Congress of Porphyrins and Porphyrrias (ICPP), Pamplona, September 2024. DOI: doi.org/10.1136/bmjgast-2024-ICPP.84
- *Ricci, A. et al.* Liver function, iron status, and hemopoiesis in erythropoietic protoporphyria (EPP): insights into a complex interplay. **Oral communication** at the International Congress of Porphyrins and Porphyrrias (ICPP), Pamplona, September 2024. DOI: 10.1136/bmjgast-2024-ICPP.24. **Best poster award** at the 125th National Congress of the Italian Society of Internal Medicine (SIMI)
- *Ricci, A. et al.* Transfusion-related heart dysfunction in β -thalassemia major. Presented at the 13th National Congress of the Italian Society of Thalassemia and Haemoglobinopathies, Rome, September 2023.
- *Ricci, A. et al.* Clinical application of NGS in the diagnosis of iron overload disorders or hyperferritinemia of genetic origin. *Dig. Liver Dis.* Presented at the 55th Annual Meeting of the Italian Association for the Study of the Liver, Rome, March 2023. DOI: 10.1016/j.dld.2023.01.142.

Indexed publications

- *Buzzetti, E. et al.* Hepcidin dynamics predict outcomes in COVID-19 patients treated with interleukin inhibitors. *Inter. Emerg. Med.*, 2026. DOI: 10.1007/s11739-026-04431-w
- *Taher, A. T. et al.* Mitapivat in adults with non-transfusion-dependent α -thalassaemia or β -thalassaemia (ENERGIZE): a phase 3, international, randomised, double-blind, placebo-controlled trial. *Lancet*, 2025. DOI: 10.1016/S0140-6736(25)00635-X (listed in the contributors' section in Appendix)
- *Anderlini, A. et al.* Lipidic nanomedicines enhance Hinkitiol activity on human primary macrophages from Ferroportin disease patients. *Int. J. Pharm.*, 2025. DOI: 10.1016/j.ijpharm.2025.126487
- *Ricci, A. et al.* Alterations in iron status predict cardiac response to blood transfusion in β -thalassemia major. *Sci. Rep.*, 2025. DOI: 10.1038/s41598-025-31555-4



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- Ricci, A. et al. Genome-wide association for sarcoidosis identifies novel risk loci and genetic heritability in African and European ancestries: a meta-analysis from the Finn-gen, Million Veteran Program, UK Biobank, and Biobank Japan datasets. *Orphanet J. Rare Dis.*, 2025. DOI:10.1186/s13023-025-04097-1
- Ricci, A. et al. Porphyrias: Pathophysiology and clinical management recommendations for hepatologists. *Hepatology. Commun.*, 2025. DOI:10.1097/HC9.0000000000000822
- Troppmair, M.R. et al. Characterization of ferroportin disease and SLC40A1-related hemochromatosis—Results from the EASL non-HFE registry. *J. Hepatol.*, 2025. DOI:10.1016/j.jhep.2025.10.016
- Leaf, R.K. et al. Haematological parameters in erythropoietic protoporphyria: A multi-national study. *Br. J. Haematol.*, 2025. DOI:10.1111/bjh.20197
- Mazzoli, M. et al. Recovery of chronic motor neuropathy due to acute intermittent porphyria after givosiran treatment in a young boy: a case report. *Eur. Rev. Med. Pharmacol. Sci.*, 2024. DOI:10.26355/eurrev_202404_36054
- Menozzi, G. et al. An Asymptomatic, Iatrogenic Hemobilia Detected by Contrast Enhanced Ultrasound of the Gallbladder. *J. Diagn. Med. Sonogr.*, 2023. DOI:10.1177/875-64793231188423
- Vecchi, C. et al. CREB-H is a stress-regulator of hepcidin gene expression during early postnatal development. *J. Mol. Med.*, 2023. DOI:10.1007/s00109-023-02344-1
- Ferrara, F. et al. Labile plasma iron and echocardiographic parameters are associated to cardiac events in β -thalassemic patients. *Eur. J. Clin. Invest.*, 2023. DOI:10.1111/eci.13954
- Ricci, A. et al. Iron metabolism in the disorders of heme biosynthesis. *Metabolites*, 2022. DOI:10.3390/metabo12090819
- Ricci, A. et al. Endothelial dysfunction in acute hepatic porphyrias. *Diagnostics*, 2022. DOI:10.3390/diagnostics12061303
- Ricci, A. and Ventura, P. Givosiran for the Treatment of Acute Hepatic Porphyria. *Expert Rev. Clin. Pharmacol.*, 2022. DOI:10.1080/17512433.2022.2075848
- Marcacci, M. et al. Challenges in diagnosis and management of acute hepatic porphyrias: from an uncommon pediatric onset to innovative treatments and perspectives *Orphanet J. Rare Dis.*, 2022. DOI: 10.1186/s13023-022-02314-9
- Di Pierro, E. et al. Recognised and emerging features of erythropoietic and X-linked protoporphyria. *Diagnostics*, 2021. DOI: 10.3390/diagnostics12010151
- Ricci, A. et al. Kidney involvement in Acute Hepatic Porphyrias: pathophysiology and diagnostic implications. *Diagnostics*, 2021. DOI:10.3390/diagnostics11122324
- Ricci, A. et al. Mechanisms of Neuronal Damage in Acute Hepatic Porphyrias. *Diagnostics*, 2021. DOI: 10.3390/diagnostics11122205



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- Ricci, A. et al. Hyperhomocysteinemia in patients with acute porphyrias: a possible effect of ALAS1 modulation by siRNA therapy and its control by vitamin supplementation. *Eur. J. of Intern. Med.*, 2021. DOI: 10.1016/j.ejim.2021.06.023
- Corradini, E. et al. Clinical factors associated with death in 3044 COVID-19 patients managed in internal medicine wards in Italy: results from the SIMI-COVID-19 study of the Italian Society of Internal Medicine (SIMI). *Inter. Emerg. Med.*, 2021. DOI: 10.1007/s11739-021-02742-8 (listed in the contributors' section)
- Ageno, W. et al. Clinical risk scores for the early prediction of severe outcomes in patients hospitalized for COVID-19. *Inter. Emerg. Med.*, 2021. DOI: 10.1007/s11739-020-02617-4 (listed in the contributors' section)
- Menichetti, F et al. Invasive Meningococcal Disease due to group C N. meningitidis ST11 (cc11): The Tuscany cluster 2015-2016. *Vaccine*, 2018. DOI: 10.1016/j.vaccine.2018.08.050

Teaching Assignments

First-Level University Master course in Critical Care Nursing

Teaching Module in Emergency Medicine, 2025

Invited reviewer for Orphanet Journal of Rare Diseases, Gene, Expert Opinion on Pharmacotherapy (Taylor&Francis), MDPI journals (International Journal of Molecular Sciences, Life), International Journal of Nephrology (Hindawi), and others.

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