

CURRICULUM VITAE**Elena Corradini**

Date and place and date of birth: 18/07/1975, Reggio Emilia, Italy

Education:

09/2001: MD degree with honors, School of Medicine - University of Modena and Reggio Emilia, Italy

Postdoctoral training

- 09/2001-09/2006 Internal Medicine Residency, University Hospital of Modena and University of Modena and Reggio Emilia
- 10/2006-12/2007 Clinical and Research Associate, Center for Hemochromatosis and Hereditary Metabolic Liver Diseases and Laboratory of Iron Metabolism (Dir. Prof. A. Pietrangelo), University Hospital of Modena and University of Modena and Reggio Emilia
- 2/2008-1/2009 Research Associate, Program In Membrane Biology, Prof. H.Y. Lin Laboratory, Division of Nephrology, Center for Systems Biology, Massachusetts General Hospital, Boston, USA
- 02/2009-06/2010 Research Fellow, Prof. H.Y. Lin Laboratory, Program In Membrane Biology, Division of Nephrology, Center for Systems Biology, Massachusetts General Hospital and Harvard Medical School, Boston, USA

Licensures and certifications

- 06/2002 Medical Licensure
- 11/2006 Diplomate in Internal Medicine

Academic and Scientific Society Appointments

- 02/2009-06/2010 Research Fellow, Harvard Medical School, Boston, USA
- 09/2008-10/2015 Assistant Professor of Internal Medicine, Faculty of Medicine, University of Modena and Reggio Emilia
- 10/2015-today Associate Professor of Internal Medicine, Faculty of Medicine, University of Modena and Reggio Emilia
- 2016–2019 Member of the Organizing Committee of the SIMI Centre for Independent Research
- 2020–2022 Member of the expert panel for the development of the EASL Clinical Practice Guideline on haemochromatosis.
- 11/2016-today Director of the Postgraduate School in Community Medicine and Primary Care, Faculty of Medicine, University of Modena and Reggio Emilia
- 11/2022-today: Member of the PhD Board in Molecular and Regenerative Medicine, University of Modena and Reggio Emilia.
- Since 2022 University Representative on the Regional Teaching Council for Specific Training in General Practice, Emilia Romagna.
- 2021–2024 Board Member of the Executive Committee of the Emilia Romagna–Marche Section of SIMI.
- Since 2026 Treasurer of the European Iron Club scientific society.

Teaching

- From AY 2011–2012 to AY 2014–2015: Lecturer in the Integrated Course of Clinical Methodology, Degree Programme in Medicine and Surgery, Faculty of Medicine and Surgery, University of Modena and Reggio Emilia.
- From AY 2012–2013 to present: Lecturer in the Internal Medicine Course, Degree Programme in Medicine and Surgery, Faculty of Medicine and Surgery, University of Modena and Reggio Emilia.
- From AY 2015–2016 to AY 2017–2018: Lecturer in the Integrated Course of Medical Sciences, Internal Medicine Module, Master's Degree Programme in Dentistry and Dental Prosthetics, University of Modena and Reggio Emilia.
- From AY 2016–2017 to present: Lecturer in the Integrated Course of General Medicine and Primary Care, Community Medicine Module, Degree Programme in Medicine and Surgery, Faculty of Medicine and Surgery, University of Modena and Reggio Emilia.
- AY 2017–2018: Lecturer in Internal Medicine, Bachelor's Degree Programme in Dental Hygiene, University of Modena and Reggio Emilia.
- Lectures and seminars for residents enrolled in the Postgraduate Schools of Internal Medicine, Community Medicine and Primary Care, and Haematology at UNIMORE.
- Invited lectures for residents enrolled in the Postgraduate School of Internal Medicine at the University of Bologna.
- Supervisor and co-supervisor of theses for the Degree Programme in Medicine and Surgery, the Postgraduate School of Internal Medicine, and the Postgraduate School of Community Medicine and Primary Care at UNIMORE.
- Tutoring activities: Internal Medicine clinical clerkships, qualifying internships and elective internships for the Degree Programme in Medicine and Surgery at UNIMORE; residents enrolled in the Postgraduate Schools of Internal Medicine and Community Medicine and Primary Care at UNIMORE; PhD Programme in Molecular and Regenerative Medicine at UNIMORE.

Professional services:

- 11/2006-12/2007: outpatient and inpatient clinics, Centre for Hemochromatosis and Heredometabolic Liver Diseases (Dir.Prof. A.Pietrangelo), University Hospital of Modena
- 05/2012-today: outpatient and inpatient clinics, Division of Internal Medicine and Centre for Hemochromatosis and Heredometabolic Liver Diseases (Dir.Prof. A.Pietrangelo), University Hospital of Modena
- 05/2012-today: physician in charge of the "Rare Diseases-Hemochromatosis Clinic"
- 01/2017-today: physician in charge of the "Laboratory of Molecular Genetics", Internal Medicine and Centre for Hemochromatosis and Heredometabolic Liver Diseases, University Hospital of Modena
- 01/2017-today: physician in charge of the "Quantitative metals determination on liver biopsy specimens", Internal Medicine and Centre for Hemochromatosis and Heredometabolic Liver Diseases, University Hospital of Modena
- 03/2017-today: affiliate expert of the subnetwork "Hereditary hemochromatosis and Iron metabolism defects –EuroBloodNet" of the European Reference Network (ERN) in Rare Hematological Diseases approved by the European Commission
- 09/2021-today: member of the Hospital Team in charge of Inherited Epidermolysis Bullosa patients (the University Hospital of Modena is a Reference Center included in the European reference Network for rare skin diseases ERN-Skin, Inherited Epidermolysis Bullosa thematic group)

- 03/2022-today: affiliate expert of the network “Hepatological Diseases” of the European Reference Network (RARE-LIVER ERN) approved by the European Commission
- 05/2022-today: physician in charge of the “Rare Diseases Clinic”, Internal Medicine, University Hospital of Modena

Societies memberships:

- Italian Society of Internal Medicine (SIMI)
- Italian Association for the Study of the Liver (AISF)
- European Association for the Study of the Liver (EASL)
- The International Society for the Study of Iron in Biology and Medicine (BIOIRON)
- European Iron Club (EIC)
- Italian Society of Community Medicine and Primary Health Care (SIMCCP) (honorary member)

Awards

- 2001 Best doctoral thesis, School of Medicine, University of Modena and Reggio Emilia (“Molecular and clinical characterization of a new hereditary iron overload disease”)
- 2009 Tosteson Postdoctoral Fellowship Award, assigned by the Massachusetts General Hospital Executive Committee on Research (ECOR) for the project “The role of bone morphogenetic proteins (BMPs) in iron metabolism”
- 2011 EASL annual meeting, Young Investigator’s Full Bursary (oral communication: “The molecular basis for the hepatic regulation of hepcidin, the iron hormone, by BMPs”)
- 2017 Italian Society of Internal Medicine (SIMI) annual meeting, best oral communication (“In Italian NAFLD patients rare ceruloplasmin variants associate with dysmetabolic hyperferritinemia and increased hepatic iron stores: a NGS study”)

Research activity

The basic and clinical research activities are mainly focused on iron metabolism and iron-related disorders, including the molecular, pathophysiological and clinical characterization of iron storage diseases and the study of new therapeutic strategies, and complex internal medicine diseases.

Research Unit's Member:

- PRIN 2002. “Molecular, physiopathological and clinical characterization of a new form of inherited disease of iron metabolism associated with mutation of the SLC11A3 gene”, PI prof. Mario Cazzola, PI of Research Unit prof. A. Pietrangelo (01/01/2003 – 01/01/2005)
- Telethon 2003 “A new Hereditary Iron Overload Disease Due to Mutations of the Slc11a3 Gene”; PI prof. A. Pietrangelo (01/01/2003 – 01/01/2006)
- VI Framework Programme with the European Commission: “Genetic control of the pathogenesis of diseases based on iron accumulation”; PI of Research Unit prof. A. Pietrangelo (23/10/2006 – 31/12/2009)
- PRIN 2006 “Systemic and local regulation of iron homeostasis during the inflammatory and host defense response”; PI prof. A. Pietrangelo (01/03/2007 – 01/03/2009)
- PRIN 2008 “Molecular signals and mediators involved in the regulation of hepcidin, iron hormone, by erythropoietin” PI prof. A. Pietrangelo (01/02/2008 – 01/02/2010)
- Basic and translational research as Research Associate and Research Fellow at the Laboratory of Prof. Herbert Y. Lin, Program In Anemia Signaling Research, Division of Nephrology, Program in Membrane Biology, Center for Biology Systems, Massachusetts General Hospital and Harvard

Medical School, Boston, Massachusetts - USA, with national and international collaborations (from 01-02-2008 to 30-06-2010)

- Telethon 2010 “Novel strategies to cure hereditary hemochromatosis through modulation of the BMP/SMAD pathway regulating the iron hormone hepcidin”; PI prof. A.Pietrangelo (01/01/2010 – 01/01/2013)
- PRIN 2010 " Disorders of hepcidin regulation and iron homeostasis: mechanisms, diagnosis and innovative treatments " PI prof. A.Pietrangelo Pietrangelo (01/02/2013 – 01/02/2016)
- Ricerca Università-Regione Emilia Romagna 2010-2012 "Next-generation sequencing and molecular therapy to diagnose and cure rare diseases in children and adults"; PI prof. A.Pietrangelo (15/05/2013 – 31/05/2017)
- Telethon 2014 “The Metabolic Abnormality of Hereditary Hemochromatosis: Mechanisms and Consequences of Hepcidin Deficiency of Glucose Homeostasis and Insulin Signaling” PI prof. A.Pietrangelo (01/11/2014 – 01/11/2017)
- Collaborator of the international multicenter study “GI-COVID” PI prof. Giovanni Barbara, Dipartimento di Scienze Mediche e Chirurgiche, Università degli Studi di Bologna – Ospedale S.Orsola-Malpighi (31/12/2020 - today)
- Collaborator of the national multicenter study “SIMI-Nutro” promoted by SIMI (Italian Society of Internal Medicine), PI prof. Maurizio Muscaritoli, Dipartimento di Medicina Traslazionale e di Precisione, Università degli Studi di Roma “La Sapienza” –Policlinico Umberto I (13/11/2020-06/2025)

Principal Investigator:

- "The role of BMPs (bone morphogenetic proteins) in iron metabolism", Tosteson Postdoctoral Fellowship Award from the Massachusetts General Hospital Executive Committee on Research, funded by the Massachusetts Biomedical Research Corporation (09/2009-09/2010)
- "Iron homeostasis derangement in acute intermittent porphyria: a pilot study evaluating the role of iron modifier genes by next generation sequencing (NGS) funded by FAR (University Fund for Research) 2015 (07/2016-today)
- Unit PI and member of the steering committee of the Multicenter project "Non-HFE hemochromatosis registry"; international coordinator: prof. Heinz Zoller, Innsbruck Medical University; EASL Registry Grant 2015, (03/2017-today)
- “Iron deficiency and chronic obstructive pulmonary disease (COPD)”, supported by Area Ricerca e Innovazione, University Hospital of Modena (24/10/2017-30/04/2021)
- Italian multicenter study on the prevalence and clinical impact of iron deficiency in inpatients in Internal Medicine Units (Italian multicenter observational study on the prevalence and clinical impact of iron deficiency in patients admitted to internal medicine wards”-SIMID) promoted by SIMI (Italian Society of Internal Medicine) (17/09/18-today)
- “NEUROSIDE-Brain Iron Content Analysis by MRI Magnetic Susceptibility Mapping Techniques” (30/07/2019-today)
- Local Unit coordinator of the national multicenter study SIMI-COVID19 (Italian multicenter clinical and epidemiological study on patients admitted to internal medicine wards for "Coronavirus disease 2019" (SIMI-COVID19)” promoted by SIMI (Italian Society of Internal Medicine) (24/04/2020-31/12/2023)
- “The role of iron in fibrotic liver diseases through a trimodal approach (next generation sequencing, molecular biology and quantitative proteomics)” supported by a 2-years junior research grant to dr. Elisa Bergamini funded by FAR Dipartimentale 2020 (01/09/2021-30/09/2023)

- Responsible for Workpackage 2.1 "Rare diseases" within Workpackage 2 "Advanced diagnostics and prognostics of rare diseases and chronic diseases with a complex genetic basis" of the MUR call "Dipartimento d'Eccellenza 2023-2027"
- PI of Research Unit in PRIN 2022 PNRR Grant "A new strategy for remodeling pathological lipid metabolism based on the targeting of the translational apparatus" (Lead Unit: University of Milan - PI: Prof. Stefano Biffo) (30/11/ 2023-28/02/2026).

Reviewer and editorial activity

Reviewer: Hepatology, Gastroenterology, Journal of Hepatology, Acta Hematologica, Seminars in Liver Disease, Frontiers in Drug Metabolism and Transport, Liver International, Internal and Emergency Medicine, World Journal of Gastroenterology, Digestive and Liver Disease, Annals of Hematology, Annals of Medicine, Diabetes Metabolic Syndrome and Obesity, European Journal of Internal Medicine.

Editorial Board Member: World Journal of Gastroenterology, Internal and Emergency Medicine

National and International Conferences/Meetings:

1. E.Corradini, G.Montosi, E.Pignatti, C.Garuti, F.Ferrara A.Pietrangelo, "Clinical and genetic characterization of autosomal dominant hereditary iron overload". Riunione monotematica Associazione Italiana per lo Studio del Fegato (AISF), "Fegato e malattie del metabolismo: nuove acquisizioni in tema di diagnosi, patogenesi e terapia", Modena, Settembre 2002. *Comunicazione orale*
2. F.Ferrara, M.Guido, P.Ventura, A.Vegetti, G.Abbati, E.Corradini, C.Ferrari, G.Fattovich, A.Pietrangelo, "Antiviral treatment profoundly affects iron status in HCV patients: implications for management and treatment outcome". 42nd Annual Meeting of the European association for the Study of the Liver (EASL), Barcellona, Aprile 2007. *Poster*.
3. "Epatopatie tossiche e metaboliche: il ferro" in "Bookmarks in Epatologia 2007. Selezione e analisi ragionata della produzione scientifica dell'anno", Corso Residenziale dell'Accademia Nazionale di Medicina, Sezione di malattie del fegato e dell'apparato digerente, Bologna, Dicembre 2007. *Invited speech*.
4. Andriopoulos B, Jr., Corradini E, Xia Y, Faasse SA, Chen S, Grgurevic L, Knutson MD, Pietrangelo A, Vukicevic S, Lin HY, Babitt JL. "BMP-6 is a Key Endogenous Regulator of HEPcidin Expression and Iron Metabolism". MGH-SAC 2009 (62nd Annual Meeting of the Massachusetts General Hospital Scientific Advisory Committee); Febbraio 2009, Boston, MA. *Poster*.
5. E.Corradini, C.Garuti, G.Montosi, B.Andriopoulos Jr, Y.Xia, H.Y.Lin, A.Pietrangelo, J.L. Babitt. BMP-SMAD signalling is impaired in an HFE KO mouse model. "Iron Homeostasis and HFE Revisited" session, Third congress of the International Bioiron Society (IBIS), Porto, Giugno 2009. *Comunicazione orale*.
6. "BMP signaling and iron homeostasis". Center for System Biology, Science Talks Serie, Massachusetts General Hospital - Harvard Medical School. Boston, Settembre 2009. *Invited speech*.
7. E.Corradini, C.Garuti, G.Montosi, A.Pietrangelo, H.Y.Lin, J.L.Babitt. "Exogenous BMP6 ameliorates the iron overload phenotype in a mouse model of HFE-related hereditary hemochromatosis". MGH-SAC 2010 (63rd Annual Meeting of the Massachusetts General Hospital Scientific Advisory Committee, February 24-25, 2010, Boston, MA). *Poster*.
8. Corradini E, Meynard D, Montosi G, Garuti C, Wu Q, Ventura P, Babitt JL, Lin HY, Pietrangelo A. The molecular basis for the hepatic regulation of hepcidin, the iron hormone, by bone morphogenetic proteins. 46th annual meeting of the European Association for the Study of the Liver (EASL). Berlino, Aprile 2011. *Comunicazione orale*.
9. "Pathways of iron metabolism", Policlinico Universitario – Università di Bonn, Ottobre 2011. *Invited speech*.

10. “Emocromatosi”, seminario su invito presso Università di Padova, “Meeting del martedì” organizzati dalla Scuola di Specializzazione in Gastroenterologia ed Endoscopia digestiva”, Padova, Marzo 2013. *Seminario.*
11. “Ferro e rame” nella sessione “Nutrienti, metabolismo ed epatopatia”, XXV Simposio Associazione Roberto Farini, “La gastroenterologia: tra il laboratorio e la clinica”; Policlinico Universitario di Padova, Gennaio 2014. *Invited speech.*
12. C.Vecchi, G.Montosi, C.Garuti, E.Corradini, E.Sabelli, J.Qian, C.Liu, S.Canali, A.Pietrangelo. “Gluconeogenic signals directly control iron homeostasis through hepcidin”. 49th annual meeting of the European Association for the Study of the Liver (EASL), London, April 2014. *Poster.*
13. C.Garuti, G.Montosi, S.Barelli, A.Pietrangelo, E.Corradini. “Sex hormones differently regulate hepatic hepcidin expression and systemic iron homeostasis in vivo”. 49th annual meeting of the European Association for the Study of the Liver (EASL), London, April 2014. *Poster.*
14. “Hereditary hemochromatosis gene related diseases” in Session 2, Conferenza dell’Associazione Italiana Pneumologi Ospedalieri “Idiopathic pulmonary fibrosis: from pathogenesis to cure”, Roma, Maggio 2014. *Invited speech.*
15. “Emocromatosi” nella Sezione IV “Le malattie rare del fegato nell’adulto”, Meeting “Il fegato e le malattie rare”, IRCCS Casa Sollievo della Sofferenza, San Giovanni Rotondo, Maggio 2014. *Invited speech.*
16. C.Garuti, G.Montosi, S.Barelli, A.Pietrangelo, E.Corradini. “Androgens and estrogens differently regulate hepatic hepcidin expression and systemic iron homeostasis in vivo”. European Iron Club, Verona, September 2014. *Poster.*
17. G.Montosi, C.Garuti, C.Vecchi, E.Corradini, A.Pietrangelo. “The CREB3L3 (CREBH) knockout mouse: a new model for hereditary hemochromatosis”. European Iron Club, Verona, September 2014. *Poster.*
18. “Hereditary hemochromatosis: a disease model” in Session 1, Conferenza dell’Associazione Italiana Pneumologi Ospedalieri “Idiopathic pulmonary fibrosis: the missing link”, Roma, Maggio 2015. *Lecture.*
19. “Iron between health and disease”, International Conference on Trace Elements “Trace elements between deficiency and toxicity: update and perspectives”, Modena, October 1-2, 2015. *Invited speech.*
20. F.Pileri, G.Abbati, A.Pietrangelo, E.Corradini. “High-doses intravenous methylprednisolone pulsed therapy for multiple sclerosis: watch out for the liver!”, 116° Congresso Nazionale SIMI, Roma, Ottobre 2015. *Poster*
21. Fiorini M., Bocchi D., Ferrara F., Pietrangelo A., Corradini E. “Blues (or better...Ceruleo) Brothers: an unexpected encounter”, 116° congresso nazionale SIMI, Roma, Ottobre 2015. *Poster (premiato)*
22. “La malattia della ferroportina (emocromatosi di tipo 4)” nella Sessione 3 “Sovraccarichi marziali primitive e secondari: fisiopatologia e clinica”, evento formativo del Gruppo Interdisciplinare Malattie del Ferro, Azienda ospedaliero-Universitaria di Verona, 12 Novembre 2015. *Invited speech.*
23. M. Fiorini, F. Ferrara, S. Scarlini, D. Bocchi, F. Cavallieri, F. Valzania, A. Caleffi, A. Pietrangelo, E. Corradini. “A Pair of Brothers with Aceruloplasminemia Due to a Novel Nonsense Mutation: Unusual Phenotype and Effectiveness of Iron-Chelation Therapy by Deferasirox”. European Iron Club, Innsbruck, April 2016. *Poster*
24. M. Fiorini, F. Ferrara, S. Scarlini, D. Bocchi, F. Cavallieri, F. Valzania, A. Caleffi, A. Pietrangelo, E. Corradini. “A Pair of Brothers with Aceruloplasminemia Due to a Novel Nonsense Mutation: Unusual Phenotype and Effectiveness of Iron-Chelation Therapy by Deferasirox”. 51st annual meeting of the European Association for the Study of the Liver (EASL), Barcelona, April 2016. *Poster (granted with a Registration Bursary).*
25. Progetto D-TIME, “Diabete alla dimissione: educazione al Trattamento Insulinico in Medicina Interna”, Modena 27 05 2016, *docente dell’evento*,
26. “Iron, chronic liver disease and inflammation: looking beyond the liver” Porto Liver Meeting, Porto, June 23, 2016. *Invited speech.*

27. Scarlini S., Fiorini M., Cavalieri F., Bocchi D., Riva R., Ferrara F., Vegetti A., Valzania F., Pietrangelo A., Corradini E. "Fifty meanings of gray"; 117° Congresso Nazionale SIMI, Roma, Ottobre 2016. *Poster*
28. Fiorini M., Scarlini S., Bocchi D., Pietrangelo A., Corradini E. "Fortune favours the bold: finding the right route in the anemia's sea"; 117° Congresso Nazionale SIMI, Roma, Ottobre 2016. *Poster*
29. "Le iperferritinemie" nel Covegno "Carenza ed eccesso di ferro: nuove conoscenze ed approccio terapeutico", 18 Novembre 2016, Azienda Ospedaliero-Universitaria di Parma. *Invited speech*.
30. "Iron and the liver" nella sessione "What's new in liver damage", XXVIII Simposio Associazione Roberto Farini, "Environment, lifestyle and hepato-gastroenterology"; Policlinico Universitario di Padova, 27-01-2017. *Invited speech*.
31. "I disordini da sovraccarico di ferro", XII Workshop Lipidi, fegato e intestino, sessione I, "La patologia metabolica del fegato", Palermo 5-6 Maggio 2017. *Lecture*
32. "I disordini da accumulo di ferro", VIII Corso di aggiornamento Non solo Parkinson "I disturbi del movimento nelle malattie da accumulo". Modena 22 Settembre 2017. *Invited speech*.
33. "Iron overload disorders", 2017 Scientific meeting, of the Italian Association for the Study of Trace Elements in Living Organisms (AISETOV), Reggio Emilia, October 20, *Invited speech*.
34. Corradini E, Bernardis I, Dongiovanni P, Buzzetti E, Artusi L, Pelusi S, Tenedini E, Tagliafico E, Rametta R, Fracanzani L, Fargion S, Pietrangelo A, Valenti LV "In Italian NAFLD patients rare ceruloplasmin variants associated with dysmetabolic hyperferritinemia and increased hepatic iron stores: a NGS study" 118° Congresso Nazionale SIMI, Roma, Ottobre 2017. *Oral presentation*
35. Ferrara F, Riva R, Ventura P, Coppi F, Rochira V, Bevini M, Vegetti A, Corradini E, Pietrangelo A "Predictors of cardiac events in beta.thalassemic adults patients: a prospective study" 118° Congresso Nazionale SIMI, Roma, Ottobre 2017. *Poster*
36. "Emocromatosi ereditaria", in sessione I "Parliamo di ferro" del convegno "Highlights in Ematologia", Treviso, 17 Novembre 2017. *Invited speech*.
37. Scarlini, S Fiorini M, Cavallieri F, Francesca Ferrara, Elisa Menozzi, Sara Contardi, Francesca Antonelli, Francesca Cavalleri, Mariangela Molinari, Franco Valzania, Antonello Pietrangelo, Elena Corradini "Fifty meanings of grey: idiopathic brain calcification in a patient with hereditary hemochromatosis" European Iron Club, Zurich, 9/2/2018. *Poster*
38. Corradini E, Scarlini S, Fiorini M, Bernardis I, Caleffi A, Artuso L, Tenedini E, Buzzetti E, Tagliafico E, Pietrangelo A Targeted Next Generation Sequencing (NGS) in iron disorders. European Iron Club, Zurich, 9/2/2018. *Oral communication*
39. Corradini E, Buzzetti E, Bernardis I, Dongiovanni P, Caleffi A, Artuso L, Pelusi S, Tenedini E, Tagliafico E, Rametta R Fracanzani AL, Fargion S, Pietrangelo A, Valenti LV. In Italian NAFLD patients rare ceruloplasmin variants associated with hyperferritinemia and increased hepatic iron stores: a NGS study. European Iron Club, Zurich, 9/2/2018. *Oral communication*
40. "Studio italiano multicentrico osservazionale sulla prevalenza e l'impatto clinico dell'Iron Deficiency nei pazienti ricoverati nei reparti di Medicina Interna (SIMID)" nel Simposio "Anemia in Medicina Interna", XII congresso SIMI Sezione Lazio/Molise 6-7 Aprile 2018. *Invited speech*.
41. "Carenza di ferro nello scompenso cardiaco" nel XXXIX Convegno Sezione Emilia Romagna Marche Società Italiana di Medicina Interna "Point of care in Medicina Interna", 9 Aprile 2018, *Invited speech*.
42. Elena Corradini, Isabella Bernardis, Paola Dongiovanni, Elena Buzzetti, Lucia Artuso, Serena Pelusi, Elena Tenedini, Enrico Tagliafico, Raffaella Rametta, Anna Ludovica Fracanzani, Silvia Fargion, Antonello Pietrangelo, Luca Vittorio Valenti "Rare ceruloplasmin variants are associated with hyperferritinemia and increased hepatic iron in NAFLD patients: results from a NGS study", The International Liver Congress 2018 (annual meeting of the European Association for the Study of the Liver (EASL)), Paris, April 13th 2018. *Oral communication*.
43. Breakfast Morning Round "Iron overload and Haemochromatosis: practical management" at the International Liver Congress 2018 (annual meeting of the European Association for the Study of the

- Liver (EASL)), April 13th 2018, Chair: Ger H. Koek; Case presentation: Paulien Liedrop; Experts: Elena Corradini, Claus Niederau, Felix Stickel; *expert panellist in interactive session*.
44. Elena Buzzetti, Salvatore Petta, Roberta Manuguerra, Daniela Cabibi, Tu Vinh Luong, Elena Corradini, Massimo Pinzani, Antonio Craxi, Antonello Pietrangelo, Emmanuel Tsochatzis. "Mixed hepatic iron deposition but not serum ferritin is associated with the presence of nonalcoholic steatohepatitis (NASH)"; The International Liver Congress 2018 (annual European Association for the Study of the Liver (EASL) meeting), Paris, April 13th 2018. *Poster*.
 45. "Emocromatosi ereditaria" in Corso di Perfezionamento in modalità FAD "Le malattie rare in età evolutiva", Modena 9 Maggio 2018
 46. "Fisiopatologia del danno cardiaco da ferro", in Corso Residenziale ECM "Focus sulle emoglobinopatie. Approccio integrato alle complicanze cardiologiche", Modena 22 Giugno 2018. *Lecture*
 47. "Iron deficiency and supplementation in inflammatory conditions" in Congresso "Inflammatory bowel disease: open doors", Ospedaletto Pescantina (VR) 29 Giugno 2018, *Lecture*
 48. "Hemochromatosis Case Definition & Disease Staging. Integrating clinical, biochemical, genetic and radiologic findings" in "Iron Summit 2018, The Cutting Edge in Treating Iron Disorder" organizzato dall'European Iron CLub. Innsbruck, 6 Settembre 2018.
 49. "Emocromatosi ereditarie" nel convegno "I meeting della Gastroenterologia di Bologna", "Ancora virus, oltre i virus: le malattie del fegato", Università di Bologna, Policlinico S.Osola-Malpighi, Bologna 17 Settembre 2018
 50. "Emocromatosi ereditaria: basi fisiopatologiche e nuove prospettive terapeutiche" VI edizione della European Biotech Week, Dipartimento di Scienze della Vita, Università di Modena e Reggio Emilia, 26/9/2018. *Invited speech*.
 51. "Ferro e problemi cardiovascolari: quali complesse interazioni?" nel Congesso "Focus in Cardiologia. la centralità del paziente anche nell'era digitale". 20/10/2018 Modena. *Lecture*.
 52. Scarlini S, Fiorini M, Buzzetti E, Ventura P, Bernardis I, Caleffi A, Artuso L, Tenedini E, Tagliafico E, Pietrangelo A, Corradini E. Targeted Next Generation Sequencing (NGS) in iron disorders. 119° Congresso Nazionale SIMI, Roma, Ottobre 2018. *Oral presentation*
 53. "Ferro e riaccutizzazione di BPCO" nella sessione "La carenza di ferro nelle urgenze internistiche" 119° Congresso Nazionale SIMI, Roma, Ottobre 2018. *Invited speech*.
 54. "Malattie da accumulo di metalli", in Convegno "Identità rare: Modena racconta", Modena 23/2/2019. *Invited speech*.
 55. "L'approccio clinico a seconda dell'età del paziente", nella sessione "La carenza marziale" in convegno "Progetto Ematologia Romagna", Ravenna 13/04/2019
 56. "Il ferro in medicina interna: dall'anemia all'emocromatosi" nella sessione "Malattie rare e complesse" del IV Convegno Nazionale Dies Panormitanae atque Magnae Graeciae - Complessità clinica e assistenziale 02-04 Maggio 2019, Palermo. *Lettura su invito*
 57. Benedikt Schaefer, André Viveiros, Elena Corradini, Fiorini Massimo, Stefania Scarlini, Raffalea Rametta, Sara Pelucci, Annalia Castagna, Hansi Weissensteiner, Sebastian Schönherr, Lukas Forer, Nathan Subramaniam, Edouard Bardou-Jaquet, John Ryan, Olivier Loreal, Hal Drakesmith, Herbert Tilg, Günter Weiss, Igor Theurl, Florian Kronenberg, Domenico Girelli, Alberto Piperno, Antonello Pietrangelo, Luca Valenti, Graca Porto, Heinz Zoller. "The Natural History of Ferroportin Disease – First Results of the International, Multicenter non-HFE Registry" in "Disorders of iron metabolism" session, 8th Congress of the International Bioiron Society (IBIS), EMBL, Heidelberg. 7/07/2019. *Comunicazione orale*.
 58. "Malattia di Gaucher, una sfida per l'internista" Modena 15-05-2019, incontro territoriale promosso da SIMI, *presentazione di Caso Clinico*
 59. Convegno "Le vaccinazioni e l'Operatore Santiario", *intervento su invito* a tema "Raccomandazioni (lettera di dimissioni) e presa in carico delle vaccinazioni in soggetti a rischio: focus su influenza e

- MIB", Azienda Ospedaliero-Universitaria di Modena-Ospedale Civile di Baggiovara, Modena, 11/10/19
60. "Italian experiences on iron and COVID-19" in "COVID-19 and Iron" Zoomposium dell'European Iron Club (EIC), evento digitale organizzato da EIC, 08/09/2020. *Invited speech*.
 61. Iperferritinemia nella Malattia di Gaucher di tipo 1, nel congresso "XV Incontro Annuale, La malattia di Gaucher", Genova, 07 10 2020, (evento misto, in presenza e digitale), *relazione su invito*, poi inserita in *corso FAD*.
 62. "La carenza di ferro in Medicina Interna", *relazione su invito* nel XLI Congresso SIMI-Sezione Emilia Romagna-Marche "Esperienze cliniche in Medicina Interna", 7 11 20
 63. "La carenza di ferro in Medicina Interna", *relazione su invito* nel Congresso SIMI-Sezione Lombardia, 19 11 20
 64. "L'impatto della carenza di ferro nel paziente internistico", *lettura su invito* nel XIV Congresso SIMI-Sezione Lazio-Molise, 4 12 20
 65. "Anemia con e senza carenza di ferro nel paziente con BPCO e polipatologia" (sezioni "Focus on" e "L'esperto risponde"), nel corso SIMI "Il paziente multimorbido affetto da BPCO e la sua complessità. - Approccio integrato tra MMG e Internista, utopia o realtà?" *relazione su invito* in 12 incontri dal 7 11 20 al 19 12 20.
 66. "Impact of iron genes mutations on the risk of progressive liver disease" in "Malattie epatiche rare" ("I webinar di A-I.S.F."); 10 12 20; *relazione su invito*.
 67. "Hyperferritinemia" in "Meet-the-expert" session at the International Liver Congress 2021 (annual meeting of the European Association for the Study of the Liver (EASL); digital congress); June 25th 2021. Experts: Elena Corradini, John Ryan; *expert panellist in interactive workshop*.
 68. "Update in Hemochromatosis" in "rare liver diseases" webinar meeting of the Israel Association for the Study of the Liver, 6 07 2021. *Invited speech*.
 69. "Metabolismo del ferro e iron deficiency nei pazienti con scompenso cardiaco" nel corso FAD in modalità *live webinar* "Gestione del paziente scompensato con carenza marziale" (responsabili Scientifici e Faculty Elena Corradini e Giuseppe Boriani) 27 09 21
 70. "Il ruolo del ferro nell'apparato digerente" nel XLII Congresso SIMI (Società Italiana di Medicina Interna) Sezione Emilia Romagna Marche, sezione Gastroenterologia, Metabolismo, Nutrizione, Bologna 9 Ottobre 2021, *Invited speech*.
 71. "Patologie rare metaboliche" nella sezione "Malattie da accumulo e NASH" del Digital Event "Bookmarks 2021. Le novità dell'anno in epatologia. XVI Edizione", 25 e 30 novembre 2021. *Invited speech*.
 72. "Il paziente con patologie croniche" nel webinar SIMI "La carenza di ferro nel paziente internistico complesso e fragile", evento digitale SIMI (Società Italiana di Medicina Interna) 15 Dicembre 2021. *Lettura*
 73. "Current Concepts and Controversies on Aceruloplasminemia", webinar organized by the European Reference Network on Rare Hematological Diseases (ERN-EuroBloodNet), 24 02 2022. *Lecture*
 74. "Haemochromatosis Guidelines 2022", 15 06 2022, EASL Studio. *Invited livestreaming session*
 75. "Diagnosis of haemochromatosis: transferrin saturation, fibrosis staging and beyond" in "Clinical Practice Guidelines session" at the International Liver Congress 2022 (annual meeting of the European Association for the Study of the Liver (EASL)), London, June 25th 2022
 76. "Disordini del ferro" nella Sessione "Metabolismo del Ferro" del Meeting del Club del Globulo Rosso, evento patrocinato da SITE (Società Italiana Talassemie ed Emoglobinopatie), Università di Napoli, 12 09 2022. *Invited speech*.
 77. "La cultura della qualità nei percorsi formativi dei medici in formazione specialistica" all'interno del corso "Lo sviluppo del sistema di gestione per la qualità: esperienze a confronto", corso in modalità webinar organizzato dal Servizio Assicurazione Qualità dell'AOU di Modena, 16 09 2022, *relazione su invito*.

78. “La malattia di Wilson” nella Sessione “Nuove frontiere nelle epatopatie croniche” del convegno nazionale “Nuove frontiere in medicina Clinica”, Palermo, 23 09 2022. *Invited speech.*
79. “Disordini del Movimento e Patologie Internistiche” nella Sessione “Disordini del movimento iatrogeni/internistici” del XII Corso di aggiornamento “Non solo Parkinson”, Ferrara 14 10 2022. *Invited speech.*
80. “Emocromatosi” nel Simposio “Sindrome iperferritinemica” del 123° Congresso Nazionale SIMI, Roma, 21 10 2022. *Invited speech.*
81. “La carenza marziale”, *relazione su invito* nel XLIII Congresso SIMI-Sezione Emilia Romagna-Marche, Sessione “Endocrinologia e metabolismo”, 12 11 20
82. “Patologie rare metaboliche” nella sezione “Epatopatie da accumulo” del corso residenziale “Bookmarks 2022. Le novità dell'anno in epatologia. XVII Edizione”, 29-30 novembre 2022. *Invited speech.*
83. Ricci A, Bergamini E, Scarlini S, Buzzetti E, Caleffi A, Rabacchi C, Ventura P, Artuso L, Tenedini E, Tagliafico E, Pietrangelo A, Corradini E. Clinical application of NGS in the diagnosis of liver iron loading disorders or hyperferritinemia of genetic origin. AISF Annual Meeting 2023, Roma. *Poster*
84. “Treatment of hemochromatosis: Phlebotomies and beyond” in “Education Session: Hemochromatosis: From novel classification to treatment guidelines” at the European Hematology Association annual meeting (EHA 2023), Frankfurt, 09/06/2023. *Invited talk.*
85. Ricci A, Bergamini E, Scarlini S, Buzzetti E, Caleffi A, Rabacchi C, Battinelli G, Fiocchi F, Ventura P, Artuso L, Tenedini E, Tagliafico E, Pietrangelo A, Corradini E. “Clinical application of targeted next-generation sequencing in hepatic iron loading diseases”, BIOIRON 2023, Darwin, Australia. *Poster*
86. “Epatopatie metaboliche su base genetica” nella sessione “Epatopatie non virali” del meeting “Nuovi orizzonti in epatologia”, Firenze 19/10/2023. *Invited talk.*
87. “Scuola di Specializzazione in Medicina di Comunità e delle Cure Primarie: un bisogno per la disciplina? Una necessità per il Servizio Sanitario?” nel Forum “La crisi della medicina generale in Italia, dalle cause del declino alla possibile rinascita” nell'ambito dell'XI congresso nazionale Società Italiana Interdisciplinare per le Cure Primarie, Bari, 26/10/2023. *Invited talk.*
88. “Patologie rare metaboliche” nella sezione “Malattie da accumulo” del meeting “Bookmarks 2023. Le novità dell'anno in epatologia. XVIII Edizione”, Bologna 12-13 dicembre 2023. *Invited talk.*
89. “Hemochromatosis pathogenesis” in the “International Symposium on Rare Liver Diseases”, Santander, Spain, 12/04/2024. *Invited talk.*
90. “La terapia marziale endovenosa” nel webinar SIMI “Carenza di ferro ed anemia. Principi generali di fisiopatologia, diagnosi e terapia”, evento digitale SIMI (Società Italiana di Medicina Interna) 22/10/2024 e FAD asincrona SIMI 2025 “La carenza di ferro”. *Lettura*
91. “La gestione del paziente con carenza di ferro in Medicina Interna” nella sessione “Dalla ricerca alla pratica clinica”, 50° Congresso SIMI-Sezione Emilia Romagna-Marche, Faenza (RA), 12/11/24, *relazione su invito*
92. “Iperferritinemia” nel congresso nazionale “Oltre la malattia di Gaucher: nuovi orizzonti terapeutici”, Bologna, 12 11 2024, (evento misto, in presenza e digitale), *relazione su invito*, poi inserita in corso FAD.
93. “L'articolo sul Protocollo Cure Palliative e DEU come esempio di collaborazione tra Azienda ed Università di Modena e Reggio Emilia” nell'evento “Cure Palliative nella provincia di Modena: 30 anni di storia e ancora tanta strada davanti”, 23 Novembre 2024, Palazzo del PIO, Carpi (MO)
94. “Patologie rare metaboliche” nella sessione “Epatopatie da accumulo, ERN-Liver Disease” del corso residenziale “Bookmarks 2024. Le novità dell'anno in epatologia. XIX Edizione”, 10-11 dicembre 2024. *Invited talk*
95. “Hemochromatosis: update on diagnosis and patient management starting from the EASL CPG” in ERN RARE-LIVER Webinar Series, 28/01/25

96. Hereditary Hemochromatosis: an update on Diagnosis and Therapy, Meeting del Martedì, Università di Padova e Azienda Ospedale-Università di Padova, Padova 18/02/25. *Seminario su invito*.
97. “Il ruolo dell’internista nel PDTA Epidermolisi Bollosa” nella Tavola rotonda coi Clinici; incontro fra clinici, pazienti e famiglie organizzato dall’Associazione le Ali di Camilla nell’ambito degli “EB days” 22/2/25
98. “Dai geni al paziente: le emocromatosi genetiche e le loro implicazioni cliniche” nel convegno regionale “Malattie rare: formazione, informazione ed ascolto in Emilia Romagna”, organizzato da Coordinamento regionale malattie rare, Settore assistenza ospedaliera, Direzione Generale cura della persona, salute e welfare, regione Emilia Romagna. Bologna, 15 03 25
99. Tavola Rotonda “Il futuro della formazione specialistica per il medico del territorio. Jobs act del MCCP. Presentazione del documento *Il ruolo del medico di Comunità e delle Cure Primarie nella rete di Assistenza Territoriale*” nel primo congresso nazionale della Società Italiana di Medicina di Comunità e Cure Primarie (SIMCCP), Roma 27 09 2025.
100. “Ferro” nella sessione “Heavy Metals” del 51° Congresso SIMI-Sezione Emilia Romagna-Marche, Bologna 7/11/25, *relazione su invito*
101. “Medicina Generale in Ambito Universitario: (s)punti di vista dalla Medicina di Comunità e Cure Primarie” nella sezione “Politica della formazione: come guidare l’evoluzione accademica della Medicina Generale?” del workshop “Training the trainers: guidare l’evoluzione accademica della Medicina Generale. Italia ed Europa in dialogo” Trento, 15 11 2025
102. Diagnostic criteria and hepcidin directed therapy for Hemochromatosis. Discussants: Elena Corradini and Jeremy Shearman. European Iron Club meeting 2025, Innsbruck, Austria, 5/12/2025 *Panel Discussion*
103. Leaf RK et al. Haematological parameters in erythropoietic protoporphyria: A multi-national study. Apex International Porphyrias Symposium, Arlington, VA, October 2025. *Oral communication*
104. Di Betto G et al. Long-term sequential iron chelation with Deferasirox and Deferiprone in Aceruloplasminemia: a case series of two brothers with sustained neurological improvement. European Iron Club, Innsbruck, Austria, 5/12/2025 *Oral communication*
105. Troppmair MR et al. Dysregulation of hepcidin in hemochromatosis: results from a multi-national cross-sectional study on serum iron parameters and MRI. European Iron Club, Innsbruck, Austria, 5/12/2025 *Oral communication*
106. Ricci A et al. Unmasking the Neurological Burden of Juvenile Hemochromatosis: A Case Series of Siblings. European Iron Club, Innsbruck, Austria, 5/12/2025 *Poster*
107. “The Commitment of Community Physicians to Health and Social Care Integration and Ministerial Decree 77”, presented at the webinar “Health and Social Care Integration in Italy: A Pillar of the Primary Care Reform. Experiences and Governance in Italy and OECD Countries”, organised by Agenas, OECD and Sapienza University of Rome. 11/12/2025.
108. “Patologie rare metaboliche” nella sessione “Epatopatie da accumulo, ERN-Liver Disease” del corso ibrido "Bookmarks 2025. Le novità dell'anno in epatologia. XX Edizione", 17-18 dicembre 2025. *Invited talk*
109. “La complessità diagnostica” nell’evento formativo “Dal sospetto al trattamento: la sfida della malattia di Wilson”, Azienda Ospedaliero UNiversitaria di Modena-Policlinico, 26/02/2026
110. “Ruolo della RMN nella diagnostica differenziale delle iperferritinemie” nel Corso blended residenziale-FAD “Unlock GD and ASMD. Hyperferritinemia as a key diagnostic signal”, 05 05 2026, Verona.
111. “Rare Causes of Haemochromatosis”, presented within the Clinical Workshop “Iron in Clinical Practice: From Deficiency to Overload”, European Iron Club Annual Meeting, Trinity College Dublin, 18 June 2026. *Invited talk*
112. Ricci A et al. GWAS meta-analysis for hemoglobin, ferritin, and anaemias identifies novel
113. associated variants and colocalised loci with non-hematological phenotypes. European Iron Club, Dublin, Ireland, 20/06/2026 *Poster*

114. Ricci A et al. Characterization of liver and heart iron deposition through magnetic resonance
115. imaging in genetic iron overload disorders – a single-center pilot study. European Iron Club,
Dublin, Ireland, 20/06/2026 *Poster*

Scientific meeting organization

1. Scientific Secretariat, “Incontri Modenesi di Medicina Interna”. 2016
2. Scientific Secretariat, “Incontri Modenesi di Medicina Interna”. 2017
3. Scientific Coordinator, “Incontri Modenesi di Medicina Interna”. 2018
4. Scientific Coordinator, live webinar CME course “Metabolismo del ferro e iron deficiency nei
pazienti con scompenso cardiaco”. 2021
5. Scientific Coordinator, “Congresso SIMI, sezione Emilia Romagna-Marche”. 2022, Modena
6. Scientific Coordinator, “Congresso SIMI, sezione Emilia Romagna-Marche”. 2023, Ancona
7. Scientific Coordinator, “Congresso SIMI, sezione Emilia Romagna-Marche”. 2024, Faenza (RA)
8. Scientific Coordinator, meeting “Dal sospetto al trattamento: la sfida della malattia di Wilson”, AOU
Modena-Policlinico, 26/02/2026

Publications: available at the following link

<https://unimore.unifind.cineca.it/get/person/041198>

Modena, 22 June 2026

