

PERSONAL INFORMATION

Sandro Mazzaferro



- +39 06 49978393
- [Sandro.mazzaferro@uniroma1.it](mailto:Sandro.mazzaferro@uniroma1.it)
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Sex Male | Date of birth | Nationality Italian

POSITION **Professor of Nephrology, Sapienza University of Rome. Italy**

WORK EXPERIENCE

- 2018 - today** Associate Professor of Nephrology, Sapienza University  
Chief of the Nephrology Unit at Policlinico Umberto I Hospital, Sapienza University of Rome.
- 2007 – 2017** Associate Professor of Nephrology. Sapienza University of Rome. Chief of the Nephrology and Dialysis Unit at ICOT Hospital, Polo Pontino of Sapienza University. Latina. ITALY;
- 1993-2007** Chief Medical Assistant at Policlinico Umberto I, 2 Medical Clinic, Nephrology and Dialysis Unit: Ambulatory and In-patients activities in the management of chronic and acute renal failure patients, including renal transplantation.
- 1998-1993** Medical Assistant at Policlinico Umberto I, 2 Medical Clinic, Nephrology and Dialysis Unit, Ambulatory and In- patients activities, including management of acute and chronic renal failure.
- 1987-1988** Medical Assistant at the Emergency Unit of Civitacastellana Hospital (Viterbo-Italy).
- 1982-1987** Medical Assistant, Private Hemodialysis Units in Rome. Clinical evaluation and follow-up of hemodialysis patients
- 1982-1987** Emergency, territorial Medical Care, Viterbo - ITALY.

**Business or sector:** Nephrology, Internal medicine, Mineral Metabolism

EDUCATION AND TRAINING

- 1984 – 1988** Post-graduate degree in Nephrology at Sapienza University of Rome
- 1979-1984** Post-graduate degree in Internal Medicine at Sapienza University of Rome
- 1974-1979** Graduate degree in Medicine and Surgery at Sapienza University of Rome

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	C1	C1	C1

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

**Communication skills**

- Communication skills through experience as a teacher at Sapienza University.
- Invited Speaker at hundreds of National and International Conferences

**Organisational / managerial skills**

Chief of Nephrology at Policlinico Umberto I Hospital, Sapienza University of Rome Italy.

Chief of the Nephrology and Dialysis Unit at ICOT Hospital, Polo Pontino of Sapienza University of Rome (ITALY). Medical and nurse team of 20 people, on average

Chief of the Post-Graduate School of Nephrology at Sapienza University of Rome (average of 20 fellows in Nephrology).

Chief of the Master (I Level) “Nefropatie Dialisi e Patologie Cardiovascolari” at Sapienza University of Rome

Coordinator of Teaching Activities. Applied Pathology II (Nephrology and Urology) at the Graduate Courses of Medicine “E” and “F”, Sapienza University of Rome (respectively 100 and 40 students on average). In particular, Course “F” is in English language.

**Job-related skills**

Clinical management of patients with kidney diseases, acute and chronic renal insufficiency, nephrolithiasis and renal transplantation.

Good command of quality control processes (currently responsible for quality audit at the Nephrology and Dialysis Unit at ICOT Hospital, which is ISO 9000 certified).

**Digital competence**

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

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

Independent and daily user of word processors (Word), database software (Excel), presentation software (Power point).  
 Photo editing software gained as an amateur photographer

**Other skills**

**Driving licence** Category/-ies: B

**ADDITIONAL INFORMATION**

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Publications	Author of scientific publications in the field of Nephrology: International peer reviewed articles (137 available in Scopus) and Book chapters
Projects	Principal Investigator of several clinical research projects
Conferences	President of the Congress "Scuola Calcio Fosforo" held for 12 consecutive years
Honours and awards	Invited speaker at National and International Congresses Fellow of the American Society of Nephrology, since 2017 Fellow of the ERA-EDTA, since 2015 "S. Figus award", Interregional Society of Nephrology ALaMMU, 1985; "Merck Sharp & Dome award", under the auspices of the Italian Society of Internal Medicine, 1987; "Assisi Medicina award", best contribution to the Cardionephrology International Congress, Assisi, 1991.
Memberships	ERA-EDTA Working Group on CKD-MBD: Vice Chair (2018 - Today) Board and Founding Member: ERA-EDTA Working Group on CKD-MBD (2012 - today) Coordinator: Italian Study Group on Mineral Metabolism (2006-2009) Ordinary Member of the following Societies: ERA-EDTA (2004 – today); American Society of Nephrology (2007 – today) International Society of Nephrology (2008-today); Italian Society of Nephrology (1983-today); Società Italiana Osteoporosi e Malattie Metaboliche dello Scheletro (2000-today).
Editorial Board/Activities	<i>Area Editor:</i> CKD-MBD: Journal of Nephrology (2015 – today)  <i>Editorial Board:</i> Journal of Nephrology (2008-2015); Nephrology Dialysis and Transplantation (2013-2017); Giornale Italiano di Nefrologia (2010-today); Giornale di Tecniche Nefrologiche e Dialitiche (2012-today)  <i>Reviewer for the following Journals:</i> Nephrol Dial Transplant; J Nephrol; Scientific Rep; PlosOne; Int J Artificial Org; Transplantation; Clin J Am Soc Nephrol; Kidney Int; Giornale Italiano Nefrologia, Tecniche Nefrologiche e Dialitiche, J Endocrinol Invest, Am J Kidney Dis; Nephron Clin Prac; Clin Kidney J.

## ANNEXES

### Last 20 publications

1. [Multicenter study on parathyroidectomy \(PTX\) in Italy: preliminary results.](#) Mazzaferro S, Tartaglione L, Cascone C, Di Daniele N, Pani A, Morosetti M, Francisco M, Nordio M, Leonardi M, Martello M, Grimaldi C, Cozzolino M, Rotondi S, Pasquali M; Italian Study Group on Mineral Metabolism. J Nephrol. 2018 Oct;31(5):767-773. doi: 10.1007/s40620-018-0527-x. Epub 2018 Aug 28.
2. [Bone, inflammation and the bone marrow niche in chronic kidney disease: what do we know?](#) Mazzaferro S, Cianciolo G, De Pascalis A, Guglielmo C, Urena Torres PA, Bover J, Tartaglione L, Pasquali M, La Manna G. Nephrol Dial Transplant. 2018 Dec 1;33(12):2092-2100. doi: 10.1093/ndt/gfy115.
3. [Oxygen Extraction Ratio \(OER\) as a Measurement of Hemodialysis \(HD\) Induced Tissue Hypoxia: A Pilot Study.](#) Rotondi S, Tartaglione L, Muci ML, Farcomeni A, Pasquali M, Mazzaferro S. Sci Rep. 2018 Apr 4;8(1):5655. doi: 10.1038/s41598-018-24024-8.
4. [\[CKD-MBD in Peritoneal Dialysis\].](#) Rocca AR, Gnerre Musto T, Mazzaferro S. G Ital Nefrol. 2018 Mar;35(2). pii: 2018-vol2. Review. Italian.
5. [Alkaline Phosphatases in the Complex Chronic Kidney Disease-Mineral and Bone Disorders.](#) Bover J, Ureña P, Aguilar A, Mazzaferro S, Benito S, López-Báez V, Ramos A, daSilva I, Cozzolino M. Calcif Tissue Int. 2018 Aug;103(2):111-124. doi: 10.1007/s00223-018-0399-z. Epub 2018 Feb 14.
6. [Bone and mineral disorders in chronic kidney disease: implications for cardiovascular health and ageing in the general population.](#) Covic A, Vervloet M, Massy ZA, Torres PU, Goldsmith D, Brandenburg V, Mazzaferro S, Evenepoel P, Bover J, Apetrii M, Cozzolino M. Lancet Diabetes Endocrinol. 2018 Apr;6(4):319-331. doi: 10.1016/S2213-8587(17)30310-8. Epub 2017 Oct 16. Review.
7. [Bone in CKD: why the ERA EDTA CKD-MBD working group organized a dedicated meeting?](#) Mazzaferro S, Massy ZA, Vervloet M, Cozzolino M. J Nephrol. 2017 Oct;30(5):621-622. doi: 10.1007/s40620-017-0436-4. No abstract available.
8. [Raising awareness on the therapeutic role of cholecalciferol in CKD: a multidisciplinary-based opinion.](#) Giannini S, Mazzaferro S, Minisola S, De Nicola L, Rossini M, Cozzolino M. Endocrine. 2018 Feb;59(2):242-259. doi: 10.1007/s12020-017-1369-3. Epub 2017 Jul 19. Review.
9. [Vitamin D, a modulator of musculoskeletal health in chronic kidney disease.](#) Molina P, Carrero JJ, Bover J, Chauveau P, Mazzaferro S, Torres PU; European Renal Nutrition (ERN) and Chronic Kidney Disease-Mineral and Bone Disorder (CKD-MBD) Working Groups of the European Renal

- Association-European Dialysis Transplant Association (ERA-EDTA). *J Cachexia Sarcopenia Muscle*. 2017 Oct;8(5):686-701. doi: 10.1002/jcsm.12218. Epub 2017 Jul 3. Review.
10. [Interactions of sclerostin with FGF23, soluble klotho and vitamin D in renal transplantation.](#) Tartaglione L, Pasquali M, Rotondi S, Muci ML, Leonangeli C, Farcomeni A, Fassino V, Mazzaferro S. *PLoS One*. 2017 May 30;12(5):e0178637. doi: 10.1371/journal.pone.0178637. eCollection 2017.
  11. [Positioning novel biologicals in CKD-mineral and bone disorders.](#) Tartaglione L, Pasquali M, Rotondi S, Muci ML, Covic A, Mazzaferro S. *J Nephrol*. 2017 Oct;30(5):689-699. doi: 10.1007/s40620-017-0410-1. Epub 2017 May 24. Review.
  12. [Fibroblast Growth Factor 23: Mineral Metabolism and Beyond.](#) Grabner A, Mazzaferro S, Cianciolo G, Krick S, Capelli I, Rotondi S, Ronco C, La Manna G, Faul C. *Contrib Nephrol*. 2017;190:83-95. doi: 10.1159/000468952. Epub 2017 May 23. Review.
  13. [Circulating markers of bone turnover.](#) Vervloet MG, Brandenburg VM; CKD-MBD working group of ERA-EDTA. *J Nephrol*. 2017 Oct;30(5):663-670. doi: 10.1007/s40620-017-0408-8. Epub 2017 May 13. Review.
  14. [Bone biopsy practice patterns across Europe: the European renal osteodystrophy initiative-a position paper.](#) Evenepoel P, D'Haese P, Bacchetta J, Cannata-Andia J, Ferreira A, Haarhaus M, Mazzaferro S, Lafage Proust MH, Salam S, Spasovski G, Cozzolino M; ERA-EDTA Working Group on CKD-MBD. *Nephrol Dial Transplant*. 2017 Oct 1;32(10):1608-1613. doi: 10.1093/ndt/gfw468.
  15. [The Risk of Chronic Kidney Disease Associated with Urolithiasis and its Urological Treatments: A Review.](#) Gambaro G, Croppi E, Bushinsky D, Jaeger P, Cupisti A, Ticinesi A, Mazzaferro S, D'Addessi A, Ferraro PM. *J Urol*. 2017 Aug;198(2):268-273. doi: 10.1016/j.juro.2016.12.135. Epub 2017 Mar 10. Review.
  16. [Magnesium-based interventions for normal kidney function and chronic kidney disease.](#) Massy ZA, Nistor I, Apetrii M, Brandenburg VM, Bover J, Evenepoel P, Goldsmith D, Mazzaferro S, Urena-Torres P, Vervloet MG, Cozzolino M, Covic A, Era-Edta OB. *Magnes Res*. 2016 Apr 1;29(4):126-140. doi: 10.1684/mrh.2016.0412. Review.
  17. [Metabolic diagnosis and medical prevention of calcium nephrolithiasis and its systemic manifestations: a consensus statement.](#) Gambaro G, Croppi E, Coe F, Lingeman J, Moe O, Worcester E, Buchholz N, Bushinsky D, Curhan GC, Ferraro PM, Fuster D, Goldfarb DS, Heilberg IP, Hess B, Lieske J, Marangella M, Milliner D, Preminger GM, Reis Santos JM, Sakhaee K, Sarica K, Siener R, Strazzullo P, Williams JC; Consensus Conference Group. *J Nephrol*. 2016 Dec;29(6):715-734. Epub 2016 Jul 25. Review.
  18. [Iron Therapy Challenges for the Treatment of Nondialysis CKD Patients.](#) Locatelli F, Mazzaferro S, Yee J. *Clin J Am Soc Nephrol*. 2016 Jul 7;11(7):1269-80. doi: 10.2215/CJN.00080116. Epub 2016 May 16. Review.
  19. [Vitamin D in patients with chronic kidney disease: a position statement of the Working Group "Trace Elements and Mineral Metabolism" of the Italian Society of Nephrology.](#) Morrone LF, Bolasco P, Camerini C, Cianciolo G, Cupisti A, Galassi A, Mazzaferro S, Russo D, Russo L, Cozzolino M. *J Nephrol*. 2016 Jun;29(3):305-328. doi: 10.1007/s40620-016-0305-6. Epub 2016 Apr 9. Review.
  20. [Lack of evidence does not justify neglect: how can we address unmet medical needs in calciphylaxis?](#) Brandenburg VM, Evenepoel P, Floege J, Goldsmith D, Kramann R, Massy Z, Mazzaferro S, Schurgers LJ, Sinha S, Torregrosa V, Ureña-Torres P, Vervloet M, Cozzolino M; ERA-EDTA Working Group on CKD-MBD and EUCALNET. *Nephrol Dial Transplant*. 2016 Aug;31(8):1211-9. doi: 10.1093/ndt/gfw025. Epub 2016 Mar 22.

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 Signature: Mazzaferro Sandro