

PERSONAL INFORMATION

Pietro Manuel Ferraro



 Via Francesco Paiola 20/B, 37127 Verona (Italy)

 +39-045-812-4652  +39-373-766-2969

 pietromanuel.ferraro@univr.it

ORCID ID: 0000-0002-1379-022X

Sex Male | Date of birth 17/07/1980 | Nationality Italian

WORK EXPERIENCE

- 2024–Present **Director of the Postgraduate Nephrology Program**
Università degli Studi di Verona , Verona (Italy)
- 2024–2025 **Consultant Nephrologist**
Azienda Ospedaliera Universitaria Integrata di Verona, Verona (Italy)
- 2025–Present **Director of the Nephrology Division**
Azienda Ospedaliera Universitaria Integrata di Verona, Verona (Italy)
- 2024–Present **Full Professor**
Università degli Studi di Verona, Verona (Italy)
- 2020–2024 **Director of the Conservative Management of Chronic Kidney Disease Unit**
Fondazione Policlinico Universitario A. Gemelli IRCCS, Rome (Italy)
- 2015–2024 **Consultant Nephrologist**
Fondazione Policlinico Universitario A. Gemelli IRCCS, Rome (Italy)
- 2018–2024 **Associate Professor**
Università Cattolica del Sacro Cuore, Rome (Italy)
- 2015–2018 **Assistant Professor**
Università Cattolica del Sacro Cuore, Rome (Italy)
- 2012–2015 **Consultant Nephrologist**
Complesso Integrato Columbus, Rome (Italy)
- 2006–2007 **Medical Doctor**
Hemodialysis Unit Casa di Cura Guarnieri, Rome (Italy)

EDUCATION AND TRAINING

- 2021 **Summer School "Genetic Epidemiology"**
EURAC Research, Bolzano (Italy)
- 2019 **Advanced course "Health systems management"**

Università Cattolica del Sacro Cuore, Rome (Italy)

2020 **Training course “Chief Physician”**
Università Cattolica del Sacro Cuore, Rome (Italy)

2012–2015 **Doctor of Philosophy Degree – Endocrine Sciences**
Università Cattolica del Sacro Cuore, Rome (Italy)

2011–2015 **Master of Science in Epidemiology**
Harvard School of Public Health, Boston (US)

2007–2012 **Specialist in Nephrology Degree**
Università degli Studi di Roma Tor Vergata, Rome (Italy)

1999–2005 **Doctor of Medicine Degree**
Università Cattolica del Sacro Cuore, Rome (Italy)

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

ADDITIONAL INFORMATION

Publications – International Journals (H-index 41 [Scopus, November 2025])

1. Costanzi S, Zoli A, Ferraro PM, Danza FM, Ferraccioli GF. A paraneoplastic retroperitoneal fibrosis resistant to corticosteroids treated with tamoxifen. Clin Nephrol 2008 70:172-5
2. Ferraro PM, Ferraccioli GF, Gambaro G, Fulignati P, Costanzi S. Combined treatment with renin-angiotensin system blockers and polyunsaturated fatty acids in proteinuric IgA nephropathy. A randomized controlled trial. Nephrol Dial Transplant 2009 24:156-60
3. Stefanutti C, Vivenzio A, Di Giacomo S, Labbadia G, Mazza F, D'Alessandri G, Ferraro PM, Masala C. Immunoabsorption apheresis and immunosuppressive drug therapy in the treatment of complicated HCV-related cryoglobulinemia. J Clin Apher 2009 24:241-6
4. Stefanutti C, Vivenzio A, Di Giacomo S, Mazzarella B, Ferraro PM, Abbolito S. Treatment of symptomatic hyperLp(a)lipidemia with LDL-apheresis vs usual care. Transfus Apher Sci 2010 42:21-6
5. Lauritano EC, Valenza V, Sparano L, Scarpellini E, Gabrielli M, Cazzato A, Ferraro PM, Gasbarrini A. Small intestinal bacterial overgrowth and intestinal permeability. Scand J Gastroenterol. 2010 45:1131-2
6. Ferraro PM, Costanzi S, Naticchia A, Sturniolo A, Gambaro G. Low level exposure to cadmium increases the risk of chronic kidney disease: analysis of the NHANES 1999-2006. BMC Public Health 2010 10:304
7. Ferraro PM. Polyunsaturated fatty acids and kidney diseases. Am J Kidney Diseases 2011 57:352-3
8. Gambaro G, Graziani M, Gemelli A, Abaterusso C, Frigo A, Marchionna N, Citron L, Bonfante L, Grigoletto F, Tata S, Ferraro PM, Legnaro A, Meneghel G, Conz P, D'Angelo A, Lupo A. Prevalence of CKD in North-Eastern Italy: results of the INCIPE study and comparison with NHANES. Clin J Am Soc Nephrol 2010 5:1946-53
9. Ferraro PM, Bonello M, Frigo AC, D'Addessi A, Sturniolo A, Gambaro G. Cadmium exposure and kidney stone formation in the general population. An analysis of the NHANES III data. J Endourol 2011 25:875-80

10. Gambaro G, Ferraro PM, D'Addessi A. Ayurvedic medicine and NADPH oxidase: a possible approach to the prevention of ESRD in hyperoxaluria. *Nephrol Dial Transplant* 2011 26:1759-61
11. Ferraro PM, Bonello M, Gambaro A, Sturniolo A, Gambaro G. Age and sex tailored serum phosphate thresholds do not improve the estimation of the risk of cardiovascular disease in CKD. *J Nephrol* 2011 24:446-52
12. Ferraro PM, Sturniolo A, Naticchia A, D'Alonso S, Gambaro G. Temporal trend of cadmium exposure in the U.S. population suggests gender specificities. *Intern Med J* 2012 42(6):691-7
13. Ferraro PM, Lupo A, Yabarek T, Graziani M, Bonfante L, Abaterusso C, Gambaro G. Metabolic syndrome, cardiovascular disease and risk for chronic kidney disease in an Italian cohort: analysis of the INCIPE study. *Metab Syndr Relat Disord* 2011 9:381-8
14. Gambaro G, Bonfante L, Abaterusso C, Gemelli A, Ferraro PM, Marchesini S, De Conti G, D'Angelo A, Lupo A. High chronic nephropathy detection yield in CKD subjects identified by the combination of albuminuria and estimated GFR. *Nephrol Dial Transplant* 2012 27:746-51
15. Stefanutti C, Vivenzio A, Di Giacomo S, Ferraro PM. Cytokines profile in serum of homozygous familial hypercholesterolemia is changed by LDL-apheresis. *Cytokine* 2011 55:245-50
16. Stefanutti C, Vivenzio A, Ferraro PM, Morozzi C, Belotherkovsky D. Apheresis-inducible cytokine pattern change in severe, genetic dyslipidemias. *Cytokine* 2011 56:835-41
17. Passalacqua S*, Ferraro PM*, Bresci G, et al. The Italian registry of therapeutic apheresis: granulocyte-monocyte apheresis in the treatment of inflammatory bowel disease. A multicentric study. *J Clin Apher* 2011 26:332-7 *Co-first authorship
18. Santoro L, D'Onofrio F, Campo S, Ferraro PM, Tondi P, Campo V, Flex A, Gasbarrini A, Santoliquido A. Endothelial dysfunction but not increased carotid intima-media thickness in young European women with endometriosis. *Hum Reprod* 2012 27:1320-6
19. Ferraro PM, Gambaro G. Ischemic preconditioning and the risk of acute kidney injury. *Kidney Int* 2012 82:243
20. Croppi E, Ferraro PM, Taddei L, Gambaro G. Prevalence of renal stones in an Italian urban population: a general practice-based study. *Urol Res* 2012 40:517-22
21. Gambaro G, Ferraro PM, Capasso GB. Calcium nephrolithiasis, metabolic syndrome and the cardiovascular risk. *Nephrol Dial Transplant* 2012 27:3008-10
22. Fabris A, Lupo A, Ferraro PM, Anglani F, Pei Y, Danza FM, Gambaro G. Familial clustering of medullary sponge kidney is autosomal dominant with reduced penetrance and variable expressivity. *Kidney Int* 2013 83:272-7
23. Ferraro PM, D'Addessi A, Gambaro G. When to suspect a genetic disorder in a patient with renal stones, and why. *Nephrol Dial Transplant* 2013 28:811-20
24. Ribichini F, Gambaro A, Pighi M, Pesarini G, Ferraro PM, Zuppi C, Baroni S, Penitente R, Ferrero V, Vassanelli C. Effects of prednisone on biomarkers of tubular damage induced by radiocontrast in interventional cardiology. *J Nephrol* 2013 26:586-93
25. Ferraro PM, Taylor EN, Gambaro G, Curhan GC. Soda and other beverages and the risk of kidney stones. *Clin J Am Soc Nephrol* 2013 8:1389-95
26. Ferraro PM, Taylor EN, Eisner BH, Gambaro G, Rimm EB, Mukamal KJ, Curhan GC. History of kidney stones and the risk of coronary heart disease. *JAMA* 2013 310:408-15
27. Di Daniele N, Di Renzo L, Noce A, Iacopino L, Ferraro PM, Rizzo MG, Sarlo F, Domino E, De Lorenzo A. Effects of Italian Mediterranean Organic Diet vs Low-Protein Diet in nephropathic patients according to MTHFR genotypes. *J Nephrol* 2014 27:529-36
28. Santoro L, D'Onofrio F, Campo S, Ferraro PM, Flex A, Angelini F, Forni F, Nicolardi E, Campo V, Mascilini F, Landolfi R, Tondi P, Santoliquido A. Regression of endothelial dysfunction in patients with endometriosis after surgical treatment: a two years follow-up study. *Hum Reprod* 2014 29:1205-10
29. Primiano A, Persichilli S, Gambaro G, Ferraro PM, D'Addessi A, Cocci A, Schiattarella A, Zuppi C, Gervasoni J. FT-IR analysis of urinary stones: an helpful tool for clinician, comparison with the chemical spot test. *Dis Markers* 2014;2014:176165
30. Zaza G*, Ferraro PM*, Tessari G, Sandrini S, Scolari MP, Capelli I, Minetti E, Rossini M, Gesualdo L, Girolomoni G, Gambaro G, Lupo A, Boschiero L. Predictive model for delayed graft function based on easily available pre-renal transplant variables. *Intern Emerg Med* 2015;10:135-41 *Co-first authorship
31. Ferraro PM, D'Addessi A, Gambaro G. Randall's plaques, plugs and the clinical workup of the renal stone patient. *Urolithiasis* 2015;43 Suppl 1:59-61
32. Ferraro PM, Taylor EN, Gambaro G, Curhan GC. Caffeine intake and the risk of kidney stones. *Am J Clin Nutr* 2014;100:1596-603
33. Ferraro PM, Curhan GC, Sorensen M, Gambaro G, Taylor EN. Physical Activity, energy intake, and the risk of incident kidney stones. *J Urol* 2015;193:864-8
34. Fabris A*, Ferraro PM*, Comellato G, Caletti C, Fantin F, Zaza G, Zamboni M, Lupo A, Gambaro G. The relationship between calcium kidney stones, arterial stiffness and bone density: unraveling the stone-bone-vessel liaison. *J Nephrol* 2015;28:549-55 *Co-first authorship
35. Shavit L, Ferraro PM, Johri N, Robertson W, Walsh SB, Mochhala S, Unwin R. Effect of being overweight on urinary metabolic risk factors for kidney stone formation. *Nephrol Dial Transplant* 2015;30:607-13

36. Shavit L, Girfoglio D, Vijay V, Goldsmith D, Ferraro PM, Moochhala S, Unwin R. Vascular calcification and bone mineral density in recurrent kidney stone formers. *Clin J Am Soc Nephrol* 2015;10:278-85
37. Ferraro PM, Robertson W, Johri N, Nair A, Gambaro G, Shavit L, Moochhala S, Unwin R. A London experience 1995-2012: demographic, dietary and biochemical characteristics of a large adult cohort of patients with renal stone disease. *QJM* 2015;108:561-8
38. Ferraro PM, Robertson WG, Unwin RJ. Renal stone disease. *Medicine (United Kingdom)* 2015;43:427-30
39. Brück K, Jager KJ, Dounousi E, Kainz A, Nitsch D, Ämlöv J, Rothenbacher D, Browne G, Capuano V, Ferraro PM, Ferrieres J, Gambaro G, Guessous I, Hallan S, Kastarinen M, Navis G, Gonzalez AO, Palmieri L, Romundstad S, Spoto B, Stengel B, Tomson C, Tripepi G, Völzke H, Więcek A, Gansevoort R, Schöttker B, Wanner C, Vinhas J, Zoccali C, Van Biesen W, Stel VS; European CKD Burden Consortium. Methodology used in studies reporting chronic kidney disease prevalence: a systematic literature review. *Nephrol Dial Transplant* 2015;30(suppl 4):iv6-iv16.
40. Pugliese D, Guidi L, Ferraro PM, Marzo M, Felice C, Celleno L, Landi R, Andrisani G, Pizzolante F, De Vitis I, Papa A, Rapaccini GL, Armuzzi A. Paradoxical psoriasis in a large cohort of patients with inflammatory bowel disease receiving treatment with anti-TNF alpha: 5-year follow-up study. *Aliment Pharmacol Ther* 2015;42:880-8
41. Ferraro PM, Curhan GC, Gambaro G, Taylor EN. Total, Dietary, and Supplemental Vitamin C Intake and Risk of Incident Kidney Stones. *Am J Kidney Dis* 2016;67:400-7
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43. Ticinesi A*, Nouvenne A*, Ferraro PM, Folesani G, Lauretani F, Allegri F, Guerra A, Cerundolo N, Aloe R, Lippi G, Gambaro G, Borghi L, Meschi T. Idiopathic calcium nephrolithiasis and hypovitaminosis D: a case-control study. *Urology* 2016;87:40-5 *Co-first authorship
44. Brück K, Stel VS, Gambaro G, Hallan S, Völzke H, Ämlöv J, Kastarinen M, Guessous I, Vinhas J, Stengel B, Brenner H, Chudek J, Romundstad S, Tomson C, Gonzalez AO, Bello AK, Ferrieres J, Palmieri L, Browne G, Capuano V, Van Biesen W, Zoccali C, Gansevoort R, Navis G, Rothenbacher D, Ferraro PM, Nitsch D, Wanner C, Jager KJ; European CKD Burden Consortium. CKD Prevalence Varies across the European General Population. *J Am Soc Nephrol.* 2016;27:2135-47
45. Shavit L, Chen L, Ahmed F, Ferraro PM, Moochhala S, Walsh SB, Unwin R. Selective screening for distal renal tubular acidosis in recurrent kidney stone formers: initial experience and comparison of the simultaneous furosemide and fludrocortisone test with the short ammonium chloride test. *Nephrol Dial Transplant* 2016;31:1870-1876
46. Martelli C, Marzano V, Iavarone F, Huang L, Vincenzoni F, Desiderio C, Messana I, Beltrami P, Zattoni F, Ferraro PM, Buchholz N, Locci G, Faa G, Castagnola M, Gambaro G. Characterization of the protein components of matrix stones sheds light on the S100-A8 and A9 relevance in the inflammatory pathogenesis of these rare renal calculi. *J Urol* 2016;196:911-8
47. Shavit L, Girfoglio D, Kirkham A, Allen D, Ferraro PM, Moochhala S, Unwin R. Increased renal papillary density is detectable on CT scan in kidney stone formers: is a marker of stone risk, but unrelated to hypercalciuria. *Urolithiasis* 2016;44:471-5
48. Santoro L, Ferraro PM, Flex A, Nesci A, De Matteis G, Di Giorgio A, Zaccone V, Gambaro G, Gasbarrini A, Santoliquido A. New semiquantitative ultrasonographic score for peripheral arterial disease assessment and its association with cardiovascular risk factors. *Hypertens Res* 2016;39:868-873
49. Ferraro PM, Mandel EI, Curhan GC, Gambaro G, Taylor EN. Dietary Protein and Potassium, Diet-dependent Net Acid Load, and Risk of Incident Kidney Stones. *Clin J Am Soc Nephrol* 2016;11:1834-1844
50. 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. Metabolic diagnosis and medical prevention of calcium nephrolithiasis and its systemic manifestations: a consensus statement. *J Nephrol* 2016;29:715-734
51. Ferraro PM, Taylor EN, Gambaro G, Curhan GC. Vitamin D Intake and the Risk of Incident Kidney Stones. *J Urol* 2017;197:405-410
52. Ferraro PM, Minucci A, Primiano A, De Paolis E, Gervasoni J, Persichilli S, Naticchia A, Capoluongo E, Gambaro G. A novel CYP24A1 genotype associated to a clinical picture of hypercalcemia, nephrolithiasis and low bone mass. *Urolithiasis* 2017;45:291-294
53. Vittori M, Baroni S, Ferraro PM, Gambaro G, Morelli R, Bassi P, D'Addressi A. Neutrophil gelatinase-associated lipocalin (NGAL) value changes before and after shock wave lithotripsy. *Urolithiasis* 2017;45:347-351
54. Ferraro PM, Curhan GC, D'Addressi A, Gambaro G. Risk of recurrence of idiopathic calcium kidney stones: analysis of data from the literature. *J Nephrol* 2017;30:227-233
55. Mohebbi N, Ferraro PM, Gambaro G, Unwin R. Tubular and genetic disorders associated with kidney stones. *Urolithiasis* 2017;45:127-137

56. Johri N, Jaeger P, Ferraro PM, Shavit L, Nair D, Robertson WG, Gambaro G, Unwin RJ. Vitamin D deficiency is prevalent among idiopathic stone formers, but does correction pose any risk? *Urolithiasis* 2017;45:535-543
57. Ferraro PM, Curhan GC. Zinc as a Contributing Factor in Lithogenesis: Not Yet Ready for the Clinic. *J Urol* 2017;197:1187-1188
58. Gambaro G, Croppi E, Bushinsky D, Jaeger P, Cupisti A, Ticinesi A, Mazzaferro S, D'Addessi A, Ferraro PM. The Risk of Chronic Kidney Disease Associated With Urolithiasis and its Urological Treatments: a Review. *J Urol* 2017;198:268-273
59. Ferraro PM, Taylor EN, Gambaro G, Cuhnan GC. Dietary and Lifestyle Risk Factors Associated with Incident Kidney Stones in Men and Women. *J Urol* 2017;198:858-863
60. Ferraro PM, Curhan GC. Serum uric acid and risk of kidney stones. *Am J Kidney Dis* 2017;70:158-159
61. Ferraro PM, Taylor EN, Gambaro G, Curhan GC. Vitamin B6 Intake and the Risk of Incident Kidney Stones. *Urolithiasis* 2018;46:265-270
62. Prochaska M, Taylor E, Ferraro PM, Curhan G. Relative Supersaturation of 24-hour Urine and Likelihood of Kidney Stones. *J Urol* 2018;199:1262-1266
63. Seeger H, Kaelin A, Ferraro PM, Weber D, Jaeger P, Ambuehl P, Robertson WG, Unwin R, Wagner CA, Mohebbi N. Changes in urinary risk profile after short-term low sodium and low calcium diet in recurrent Swiss kidney stone formers. *BMC Nephrol* 2017;18:349
64. Ferraro PM, Lombardi G, Naticchia A, Sturniolo A, Zuppi C, De Stefano V, Bonelli P, Buonocore R, Cervellin G, Lippi G, Gambaro G. A STARD-compliant prediction model for diagnosing thrombotic microangiopathies. *J Nephrol* 2018;31:405-410
65. Brück K, Jager K, Zoccali C, Bello A, Minutolo R, Ioannou K, Verbeke F, Völzke H, Amlöv J, Tripepi G, Ferraro PM, Brenner H, Caplin B, Kalra P, Wanner C, Martinez Castela A, Hallan S, Rothenbacher D, Giberton D, De Nicola L, Heinze G, Van Biesen W, Stel V. Different rates of progression and mortality in patients with chronic kidney disease at outpatient nephrology clinics across Europe. *Kidney Int* 2018;93:1432-1441
66. Gambaro G, Goldfarb DS, Baccaro R, Hirsch J, Topilow N, D'Alonzo S, Gambassi G, Ferraro PM. Chronic pain in Medullary Sponge Kidney: a rare and never described clinical presentation. *J Nephrol* 2018;31:537-542
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70. Spatola L, Ferraro PM, Gambaro G, Badalamenti S, Dauriz M. Metabolic Syndrome and Uric Acid Nephrolithiasis: Insulin Resistance in Focus. *Metabolism* 2018;83:225-233
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72. Ferraro PM, Pinto F, Gambaro G. Shock-wave lithotripsy or ureterorenoscopy for renal stones? *Clin Kidney J* 2018;11:362-363
73. Gervasoni J, Primiano A, Ferraro PM, Urbani A, Gambaro G, Persichilli S. Improvement of Urinary Stones Analysis Combining Morphological Analysis and Infrared Spectroscopy. *J Chem* 2018;2018:4621256
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77. Pugliese D, Aratari A, Festa S, Ferraro PM, Monterubbianesi R, Guidi L, Scribano ML, Papi C, Armuzzi A. Sustained clinical efficacy and mucosal healing of thiopurine maintenance treatment in ulcerative colitis. A real life study. *Gastroenterol Res Pract* 2018;4:195968
78. Mezza T, Ferraro PM, Sun VA, Moffa S, Cefalo CMA, Quero G, Cinti F, Sorice GP, Pontecorvi A, Folli F, Mari A, Alfieri S, Giaccari A. Increased Beta Cell Workload Modulates Proinsulin/Insulin Ratio in Humans. *Diabetes* 2018;67(11):2389-2396
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92. Biscetti F*, Ferraro PM*, Hiatt WR, Angelini F, Nardella E, Cecchini AL, Santoliquido A, Pitocco D, Landolfi R, Flex A. Inflammatory Cytokines Associated With Failure of Lower Extremity Endovascular Revascularization (LER): A Prospective Study of a Population With Diabetes. *Diabetes Care* 2019;42:1939-1945 *Co-first authorship
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- Ferraro PM, D'Ovidio V, Bresci G, Astegiano M, Principi B, D'Inca' R, Testa R, Valpiani D, Guidi L, Armuzzi A, Costa F, Aratari A, Vecchi M, De Franchis R, Di Leo V, Ricci C, Riegler G, Colombo E, Repaci G, Lecis P, Silla M, Passalacqua S. Predictors of clinical response in patients with ulcerative colitis treated with granulocyte-monocyte apheresis: analysis of the apheresis registry data. *G Ital Nefrol* 2012 29:S144-6
- Ferraro PM, Lombardi G, D'Ascenzo F, Aureli F, Sturniolo A. Salvage of vascular access: a case study from the Columbus nephrology division, Rome, Italy. *G Ital Nefrol* 2013 30
- Ferraro PM, Lombardi G, Gambaro G. Prevention of nephrolithiasis: a review. *Urologia* 2014 81:88-92
- Ferraro PM, Gambaro G. Uric acid nephrolithiasis. *G Ital Nefrol*. 2015;32 Suppl 62. Pii
- Castellino S, Quintaliani G, Cottone S, Pacitti A, Ferraro PM, Torres D. La Workforce nefrologica in Italia. Chi siamo e dove andiamo: un progetto SIN. *G Ital Nefrol* 2017
- Di Maio F, Vittori M, Bassi PF, Fulignati P, D'Alonzo S, Ferraro PM. A young girl with recurrent calculosis and hypercalcemia. *G Ital Nefrol* 2018;35(3)
- Bargagli M, Fulignati P, D'Alonzo S, Naticchia A, Galli D, Ferraro PM. Recurrent Kidney Stones in a patient with Malabsorption Syndrome. *G Ital Nefrol* 2018;35(4)
- Ferraro PM, Gambaro G, Mandrile G, Montini G, Pasini A, Peruzzi L. Gestione dell'Iperossaluria Primitiva tipo 1 in Italia. *G Ital Nefrol* 2021; 38:2021-vol2
- Marangella M, Petrarulo M, Ferraro PM, Miano R. Confronto fra urine di 24 ore e urine spot del mattino nella valutazione del rischio litogeno. *G Ital Nefrol* 2021; 38:2021-vol1

Book Chapters

- Ferraro PM. Nozioni di statistica medica in "Trattato di Medicina Interna", Ed. Verduci 2010 (ISBN 978-8-8762-0838-6)
- Ferraro PM, Gambaro G. The genetics of kidney stones in "Urolithiasis – Basic Science and Clinical Practice", Eds. Talati, Tiselius, Albala, Ye 2013 (ISBN 978-1-4471-4383-3)

Awards

- "Best 20 abstracts" and "Best abstracts presented by young authors", World Congress of Nephrology (2009)
- "Best oral communication" (grant award), Italian Society for Therapeutic Apheresis (2010)
- "Best publication of 2013", Università Cattolica del Sacro Cuore (2014)
- "Top oral abstracts by Trainees and Young Investigators", American Society of Nephrology Kidney Week (2015)
- "Best 30 abstracts Young Nephrologists' Platform", ERA-EDTA (2015)
- "Best publication of 2015", Università Cattolica del Sacro Cuore (2016)
- "High quality publications" (grant award), Università Cattolica del Sacro Cuore (2017, 2018, 2019)
- "Adotta un progetto SIN" (grant award), Italian Society of Nephrology (2019)
- "Distinguished Fellow of the European Renal Association" (FERA) (2020)

Invited lectures to international scientific meetings

- “Granulocyte-Monocyte Apheresis in the treatment of Inflammatory Bowel Diseases”, Kinshukai International Symposium (Osaka 2012)
- “Is there a risk of cardiovascular disease in stone formers?”, meeting “Nephrolithiasis, a systemic disorder” (Rome 2013)
- “Cardiovascular disease and kidney stones”, EULIS (Copenhagen 2013)
- “Diversity in lithogenic risk factors”, EULIS (Copenhagen 2013)
- “Perspectives on renal stone disease: a 360° appraisal”, ERA-EDTA (London 2015)
- “Matrix stones: insights on their pathogenesis”, EULIS (Alicante 2015)
- “Risk of CKD in stone patients: the epidemiology perspective”, ERA-EDTA (Vienna 2016)
- “Lifestyle and risk of urolithiasis”, International Symposium on Urolithiasis (Tokyo 2016)
- “25(OH)D-24-hydroxylase mutations, nephrocalcinosis and brushite stones” European Society for Clinical Investigation (Genova 2017)
- “Nutrition and Nephrolithiasis”, meeting “Renal stones in practice: an advanced course” (Rome 2017)
- “Macromolecules: The adhesive glue between crystals”, EULIS (Vienna 2017)
- “Epidemiology of CKD in stone formers”, EULIS (Vienna 2017)
- “Impact of nutritional factors on kidney stones”, Swiss Kidney Stone Symposium (Berna 2018)
- “Metabolic evaluation and recurrence prevention – in whom and how?”, meeting “Endourology and Minimally Invasive Surgery” (Sofia 2018)
- “Recurrence of idiopathic calcium kidney stones: a persisting issue in nephrology and urology clinics”, ERA-EDTA (Copenhagen 2018)
- “Diet and stones: increasing impact on stone management”, meeting “International Alliance of Urolithiasis” (Istanbul 2018)
- “Dietary management of urinary stones: Tips and tricks based on stone composition”, European Association of Urology (Barcelona 2019)
- “Diet to manipulate bowel for stone prevention”, EULIS (Milan 2019)
- “Vitamins (B6, C & D) and drug-related stone formation”, EULIS (Milan 2019)
- “A protocol for evaluation of stone patients”, EULIS (Milan 2019)
- “Management of calcium oxalate stones”, Turkish Society of Urology (Antalya 2019)
- “Dietary modification and stones: What is new”, Turkish Society of Urology (Antalya 2019)
- “How should we approach to a “recurrent stone former”?”, Turkish Society of Urology (Antalya 2019)
- “Stones and nutrition”, ERA-EDTA (virtual meeting 2020)
- “Diagnosing genetic forms of kidney stone disease: When and how?”, webinar European School of Urology (virtual meeting 2021)
- “Metabolic evaluation in urolithiasis – PRO”, Chilean Urology Annual Course (virtual meeting 2021)
- “Kidney stones and cardiovascular disease”, Royal Free Hospital Renal Academic Meetings (virtual meeting 2021)
- “Medication to prevent stones”, European Association of Urology (virtual meeting 2021)
- “Renal stones and vitamin D: a puzzling association”, meeting “Secondary forms of nephrolithiasis” (Firenze 2022)
- “Research on nephrolithiasis: where we are and where we are going: the perspective of the clinical epidemiologist”, meeting “Secondary forms of nephrolithiasis” (Firenze 2022)
- “Medical management: will it be more effective?”, meeting “Urotech 2022” (Istanbul 2022)
- “Environmental factors and stones”, meeting “Urotech 2022” (Istanbul 2022)

- “Cystinuria – adult view”, ERKNet webinars (virtual meeting 2023)

Invited moderations to international scientific meetings

- “Cooperation between urologist and nephrologist”, 9° Meeting Endourology and Minimally Invasive Surgery (Sofia 2018)
- “ERA-EDTA & EULIS”, ERA-EDTA (Copenhagen 2018)
- “Short presentations – Research, Medical Management, Laparoscopic, Open Surgery and General”, meeting “International Alliance of Urolithiasis” (Istanbul 2018)
- “Stones: Research and Metabolics”, European Association of Urology (Barcelona 2019)
- “Plenary session II”, meeting “Nephrolithiasis – Renal Stones in Practice: an Advanced Course” (Verona 2019)
- “Medical management of stones: Are we effective enough?”, EULIS (Milan 2019)
- “Non calcium stones: Pathogenesis and medical treatment”, EULIS (Milan 2019)
- “Medical management of urolithiasis: An update”, Turkish Society of Urology (Antalya 2019)
- “Novel aspects of nephrolithiasis”, ERA-EDTA (virtual meeting 2020)
- “Medical Management of Urolithiasis”, webinar European School of Urology (virtual meeting 2020)
- “Rock the Stone”, American Society of Nephrology Kidney Week (virtual meeting 2020)
- “Stone pathophysiology and perspectives in the minimal invasive endourologic management of stones: An update in the light of recent advances”, European Association of Urology (virtual meeting 2021)
- “Pathophysiology and non-surgical management of stones: An update in the light of recent advances”, European Association of Urology (Amsterdam 2022)
- “Stones - Epidemiology, basic research and metabolics”, European Association of Urology (Amsterdam 2022)

Involvement in the organization of scientific meetings

- Member of the Scientific Committee, Italian Society of Nephrology (2013)
- Member of the abstracts evaluation Committee, Italian Society of Nephrology (2014, 2019)
- Member of the faculty, meeting “International Consensus Conference on Nephrolithiasis” (2015)
- Member of the Scientific Committee of “Young Renal Week”, Italian Society of Nephrology (2017)
- Member of the Scientific Committee, meeting “Endourology and Minimally Invasive Surgery” (2018)
- Coordinator of a “praeceptorship” in Nephrology for AstraZeneca personnel (2020)
- Coordinator of a webinar on “Management of hyperkalemia in patients with CKD” (2020)

Oral communications and poster presentations to international scientific meetings (first or last author only)

- Ferraro PM, Costanzi S, Sturniolo A, Passalacqua S, Fulignati P, Naticchia A, Aureli F, D’Alonzo S, Porri MG, Bonello M, Gambaro G “Does mild cadmium exposure associate with renal stones in the general population?”, EULIS 2009 [oral communication]
- Ferraro PM, Costanzi S, Sturniolo A, Passalacqua S, Fulignati P, Naticchia A, Aureli F, D’Alonzo S, Porri MG, Gambaro G “Exposure to cadmium increases the risk of chronic kidney disease: analysis of the National Health And Nutrition Examination Survey 1999-2006”, World Congress of Nephrology 2009 [poster]
- Ferraro PM, Taylor EN, Gambaro G, Rimm EB, Curhan GC “Risk of Coronary Heart Disease in Individuals with History of Kidney Stones: Results from Three Large Prospective Cohort Studies”, American Society of Nephrology Kidney Week 2012 [poster]
- Ferraro PM, Moochaala S, Robertson WG, Gambaro G, Unwin RJ “Urinary Metabolic Profile and Stone Composition among Stone Formers with and without Heart Disease”, American Society of Nephrology Kidney

Week 2014 [poster]

- Ferraro PM, Taylor EN, Gambaro G, Curhan GC “Use of Lipid-lowering Drugs and the Risk of Incident Kidney Stones”, American Society of Nephrology Kidney Week 2014 [poster]
- Ferraro PM, Curhan GC, Gambaro G, Taylor EN “Physical activity, energy intake and the risk of kidney stones”, American Society of Nephrology Kidney Week 2014 [poster]
- Ferraro PM, Gambaro G, Moochhala SH, Robertson WG, Houillier P, Shavit L, Unwin RJ “Magnesium handling in calcium stone formers with and without hypercalciuria”, ERA-EDTA 2015 [oral communication]
- Ferraro PM, Mandel EI, Curhan GC, Gambaro G, Taylor EN “Diet-Dependent Net Acid Load, Protein Intake, and Risk of Incident Kidney Stones”, American Society of Nephrology Kidney Week 2015 [oral communication]
- Ferraro PM, Taylor EN, Gambaro G, Curhan GC. “Population Attributable Fraction of Modifiable Risk Factors for Kidney Stones”, American Society of Nephrology Kidney Week 2015 [poster]
- Ferraro PM, Taylor EN, Gambaro G, Curhan GC “Renal Function Estimated with Different Formulae and Mortality in the INCIPE Cohort: Results After 8 Years Follow-up”, American Society of Nephrology Kidney Week 2015 [poster]
- Ferraro PM, Macis G, Vittori M, D’Addressi A, Sbarra M, Bassi PF, Gambaro G, “Changes in renal papillary density after hydration therapy in calcium stone formers”, ERA-EDTA 2016 [poster]
- Ferraro PM, Macis G, Vittori M, D’Addressi A, Sbarra M, Bassi PF, Gambaro G, “Changes in renal papillary density after hydration therapy in calcium stone formers”, International Symposium on Urolithiasis 2016 [poster]
- Ferraro PM, Taylor EN, Gambaro G, Curhan GC “Vitamin D Intake and the Risk of Incident Kidney Stones”, American Society of Nephrology Kidney Week 2016 [poster]
- Ferraro PM, Curhan GC, Gambaro G, Taylor EN “Proton Pump Inhibitors, Histamine Receptor-2 Blockers and Risk of Incident Kidney Stones”, American Society of Nephrology Kidney Week 2016 [poster]
- Ferraro PM, Curhan GC, Gambaro G, Taylor EN “Intake of Zinc and Other Trace Elements and the Risk of Incident Kidney Stones”, American Society of Nephrology Kidney Week 2016 [poster]
- Ferraro PM, Lombardi G, Zuppi C, Naticchia A, De Stefano V, Bonelli P, Buonocore R, Sturniolo A, Lippi G, Cervellin G, Gambaro G “Predictive Model for the Diagnosis of Thrombotic Microangiopathies”, American Society of Nephrology Kidney Week 2016 [poster]
- Ferraro PM, Rodriguez A, Taylor EN, Gambaro G, Curhan GC “Mediterranean diet adherence and the risk of kidney stones”, American Society of Nephrology Kidney Week 2019 [poster]
- Bargagli M, De Leonardis R, Ragonese M, Totaro A, Pinto F, Recupero S, Bassi PF, Ferraro PM “Determinants of renal papillary appearance in renal stone formers: an in-depth examination”, European Association of Urology 2020 [oral communication]
- Ferraro PM, Nicolosi A, Naticchia A, Panocchia N, Grandaliano G, Cosmi F “Evaluation of the bone elastic structure in persons with and without chronic kidney disease on dialysis”, ERA-EDTA 2021 [mini-oral communication]
- Ferraro PM, Taylor EN, Curhan GC “Sex differences in the risk of kidney stones”, ERA-EDTA 2021 [mini-oral communication]
- Cunha TDS, Rodriguez A, Ferraro PM “Computer-derived software in clinical practice: results from a short-term follow-up according to stone composition in kidney stone formers”, ERA-EDTA 2021 [mini-oral communication]
- Chen G, D’Amelio M, Kim J, Booth D, McEwan P, Ferraro PM. “Modelling clinical and cost consequences of reducing pre-dialysis hyperkalaemia in patients with end-stage kidney disease in an Italian setting”, GIRF Congress 2022 [oral communication]
- Ferraro PM, Li Y, Subramanian R, Curhan GC, Taylor EN. “The plasma metabolome and risk of incident kidney

stones", American Society of Nephrology Kidney Week 2023 [oral communication]

Editorial activity

- Statistical advisor for Journal of Nephrology (since 2013)
- Member of the Editorial Board for Journal of Nephrology and Hypertension (since 2014), NDT-Educational (since 2015), SM Journal of Urology (since 2015), SRL Journal of Pharmacology (since 2016), Nutrition Metabolism and Cardiovascular Diseases (since 2017), Kidney and Blood Pressure Research (since 2019), Nutrients (since 2020), Journal of Nephrology (since 2020), Urolithiasis (since 2021)
- Activity of peer review for international journals including: American Journal of Kidney Diseases, American Journal of Nephrology, American Journal of Physiology, BMC Nephrology, BMC Urology, British Medical Journal, Circulation Journal, Clinical Journal of the American Society of Nephrology, Clinical Kidney Journal, Drugs, Environmental Health Perspectives, European Journal of Epidemiology, JAMA, Journal of Nephrology, Journal of the American Society of Nephrology, Journal of Translational Medicine, Journal of Urology, International Journal of Cardiology, Kidney and Blood Pressure Research, Kidney International, Nephrology Dialysis and Transplantation, Nutrients, Nutrition, Nutrition Metabolism and Cardiovascular Diseases, Plos One, Urological Research, Urolithiasis, World Journal of Nephrology, World Journal of Urology
- Reviewer for grant proposals for the Australian Antarctic Science Program (round 2016/2017), Kidney Research UK (2018), Icelandic Research Fund (2020), Deutschen Forschungsgemeinschaft (2020)
- Guest Editor for a Special Issue of Nutrients on "Diet and Renal Health Outcomes" (2020)
- Editor of the thematic section "Clinical Physiology of the Kidney, Electrolytes and Lithiasis" of the Journal of Nephrology (since 2020)
- Guest Editor for a Special Issue of Nutrients on "Nutritional Impact in Chronic Kidney Disease Patients" (2022)

Teaching activities

- 2012-2013: Member of the Scientific Board for the "Master in vascular accesses", Università Cattolica del Sacro Cuore
- 2013-2014: Thesis advisor for a medical student with a dissertation on genetic and racial differences in risk factors for kidney stones, Università Cattolica del Sacro Cuore
- 2013-2014: Lesson for the Medical Residency Programs on the diagnostic and therapeutic approaches to disturbances of potassium, Università Cattolica del Sacro Cuore
- 2013-2014: Lesson for the Master in Renal Transplantation Program on the pathophysiology and clinical aspects of chronic kidney disease, Università Cattolica del Sacro Cuore
- 2013-2014: Coordinator for the "Master in Interventional Nephrology", Università Cattolica del Sacro Cuore
- June 2014: Tutor for two medical students from the University of New York
- Since 2014-2015: Series of lessons in Nephrology for the Medical Program and for the Medical Residency Programs, Università Cattolica del Sacro Cuore
- 2014-2015: Lesson for the "Master in Cardioneurology" on CKD, AKI, CI-AKI, cholesterol emboli, Università Cattolica del Sacro Cuore
- 2014-2015: Thesis advisor for a medical student with a dissertation on prevalence and risk factors of thrombotic microangiopathies, Università Cattolica del Sacro Cuore
- 2015: Invited lecture for the Nephrology Residency Program on diet and nephrolithiasis, University of Padua
- 2016: Invited lecture for the Nephrology Residency Program on diet and nephrolithiasis, University of Zurich
- Since 2016: Coordinator of the Journal Club of the Nephrology Residency Program, Università Cattolica del

Sacro Cuore

- 2016-2017: Thesis advisor for a medical student with a dissertation on incidence and risk factors for acute kidney injury, Università Cattolica del Sacro Cuore
- 2016-2018: Secretary of the Nephrology Residency Program, Università Cattolica del Sacro Cuore
- 2017: Substitute member of the jury for the final exam of a PhD course, University of Padua
- 2017: Evaluator for a PhD thesis, Università degli Studi della Campania in Naples
- 2017-2018: Thesis coordinator for a medical student with a dissertation on composition and timing of ingestion of fluids on lithogenic risk, Università Cattolica del Sacro Cuore
- Since 2017: Member of the Faculty of the PhD Program in “Experimental and Translational Medicine”, Università Cattolica del Sacro Cuore
- 2018: Evaluator for a PhD thesis, Università degli Studi della Campania in Naples
- 2018-2019: Thesis coordinator for a medical student with a dissertation on the role of endoscopic papillary appearance and its association with the lithogenic profile, Università Cattolica del Sacro Cuore
- 2018-2019: Director of the Nephrology Residency Program, Università Cattolica del Sacro Cuore
- Since 2019: Secretary of the Nephrology Residency Program, Università Cattolica del Sacro Cuore
- 2019: Evaluator for a PhD thesis, Università degli Studi di Verona
- 2019: Invited lecture on Lanreotide in ADPKD for the Internal Medicine Residency Program, Università Cattolica del Sacro Cuore
- 2019: Invited lecture on current knowledge on nephrolithiasis for a PhD Program, Università degli Studi della Campania in Naples
- January-November 2019: tutor for a post-doc from Balearic University
- Since 2019-2020: Coordinator for the integrated course “Medicine Residency II” of the English Language Medicine Program, Università Cattolica del Sacro Cuore
- Since 2019-2020: Coordinator for the integrated course “Cardioneurology” of the Dietitian Program, Università Cattolica del Sacro Cuore
- 2020: webinar “Mendelian randomization studies: what are they? And the example of vitamin D influences on kidney function” for a PhD Program, Università degli Studi di Verona
- 2020: Invited lecture on Vitamin D in CKD for the Internal Medicine Residency Program, Università Cattolica del Sacro Cuore
- 2021: Invited lecture on SGLT2-inhibitors in CKD for the Internal Medicine Residency Program, Università Cattolica del Sacro Cuore
- Since 2019: Member of the Scientific Board for the “Master in organ transplantation and hemodialysis”, Università Cattolica del Sacro Cuore
- Thesis advisor for several medical students and Nephrology fellows
- 2021: Invited lecture “Environmental Risk Factors for Kidney Stones”, Charles and Jane Pak Center for Mineral Metabolism & Clinical Research Weekly Research Conference, UT Southwestern
- Since 2021: Member of the Executive Committee of the Research Center in Nephrology and Kidney Transplant, Università Cattolica del Sacro Cuore
- Since 2022: Director of the first-level Master of Science in “Clinical Research Assistant”, Università Cattolica del Sacro Cuore
- 2022: Co-supervisor (with Professor Mohsen Ghanbari of Rotterdam University) of a post-doc researcher with a project on the role of metabolomics in chronic kidney disease
- 2022: Evaluator for a PhD thesis, Università degli Studi della Campania in Naples

- 2022: Member of the Evaluation Committee for a junior researcher (RTD-A) position, Università degli Studi di Verona

Other scientific activities

- 2009: Expert for the National Guidelines on LDL Apheresis
- 2016-2021: Member of the Scientific Committee of the Italian Registry of Dialysis and Transplantation, Italian Society of Nephrology
- April 2017: National qualification to Associate Professor of Nephrology
- Since May 2017: Member of the workgroups “Tubulopathies” and “Metabolic stone disorders” and member of the taskforce “QoL/transition” for the European Rare Kidney Disease Reference Network (ERKNet)
- Since July 2017: Member of the Workforce Committee of the Italian Society of Nephrology
- July 2017- December 2020: Member of the Epidemiology Committee of the Italian Society of Nephrology
- Since January 2018: Member of the workgroup “Medical Management and Metabolic evaluation” of the International Alliance of Urolithiasis
- Since February 2018: Member of the Multidisciplinary Group for the Study of Nephrolithiasis
- Since April 2018: Member of the Board of EULIS (European Association of Urology Section of Urolithiasis)
- Since August 2019: Chairman of the EULIS “Working Group on Medical and dietary management of stones”
- Principal investigator for an investigator-initiated randomized trial on the effect of omega-3 fatty acids in patients with IgA nephropathy (2004-2005)
- Member of the CKD-Gen and OxalEurope Consortia
- Board member of the Euro-Cys Registry
- Since 2021: Member of the Board of ERKReg (Registry of the ERKNet)
- Scientific collaboration with the ROH-Gen and CKD Burden Consortia and Swiss Kidney Stone Cohort
- Senior Collaborator of the “Health Professionals Follow-up Study” and “Nurses’ Health Study”, Harvard School of Public Health – Channing Division of Network Medicine
- Principal investigator of sponsored randomized controlled trial: Allena ALLN-177-301, Allena ALLN-177-302 (national coordinator), Tricida TRCA-303, Gilead GS-US-223-1017, AstraZeneca MIRACLE (national coordinator)
- Member of international scientific advisory boards (Allena ALLN-177-302, Alnylam ALN-GO1, AstraZeneca TRACK+)
- Since 2018: Member of the Scientific Committee of the Regional Registry for Dialysis and Transplantation in Lazio
- Since March 2019: Member of the pre-evaluation Scientific Committee, Fondazione Policlinico Universitario A. Gemelli IRCCS
- Since December 2019: Coordinator of the Scientific Committee for the Italian DOPPS, Italian Society of Nephrology
- January 2020: National qualification to Full Professor of Nephrology
- 2020-2021: Member of the Joint Commission International internal committee for the safety of high concentration electrolyte solutions, Fondazione Policlinico Universitario A. Gemelli IRCCS
- 2021: substitute member for the evaluation committee of a competitive procedure for a position of Assistant Professor, Sapienza University of Rome
- Author of the UpToDate entries “Cystine stones” and “Medullary sponge kidney”
- Co-author of the internal protocol “Management of hypokalemia in adult patients” (PROT.021) and first author of

the internal procedure “Management of the patient with chronic kidney disease” (PRO.806), Fondazione Policlinico Universitario A. Gemelli IRCCS

- Since 2021: Elected Member of the ERA-EDTA Registry Committee
- Since 2021: Coordinator of the Project Group “Rare Nephrolithiasis and Nephrocalcinosis” of the Italian Society of Nephrology
- Since 2021: Secretary of the Italian Registry of Dialysis and Transplantation, Italian Society of Nephrology
- 2022-2023: Member of the Scientific Board of a national project aimed at improving the diagnosis and management of primary hyperoxaluria (PH1NK Project, funded by Alnylam)
- Since 2022: Member of the Board of the International Urolithiasis Society

Clinical activities

- Since 2020: Director of the “Conservative Management of Chronic Kidney Disease Unit” of Fondazione Policlinico Universitario A. Gemelli IRCCS, managing about 2,600 patients at various stages of CKD
- Responsible for the creation of a “Metabolic nephrolithiasis and rare tubulopathies” outpatient clinic for the investigation and management of patients with recurrent forms of nephrolithiasis, Bartter syndrome, Gitelman syndrome, Dent disease, cystinuria, renal phosphate leak, medullary sponge kidney, renal tubular acidosis, nephrocalcinosis
- Development of protocols for the execution and interpretation of clinical physiology tests including urinary acidification tests, bicarbonate loading tests, acid retention tests and fractional excretions
- Consultant nephrologist for patients with hereditary hemorrhagic teleangiectasia, Fabry disease, cystic fibrosis, tuberous sclerosis complex and for the Department of Pediatrics
- Head of the Center for Rare Kidney Diseases of Fondazione Policlinico Universitario A. Gemelli IRCCS within the Regional Hub for Rare Diseases (Malattie Rare Lazio)
- Activity of consultant nephrologist within a cross-ERN CPMS panel (eUROGEN, ERKNet) for a complex case of nephrolithiasis in a patient with cystic fibrosis
- Activity of interdivisional rotation and of on-call availability for nephrological emergencies for Fondazione Policlinico Universitario A. Gemelli IRCCS
- Clinical activities involving management of patients with kidney transplant, hemodialysis, conservative care of chronic kidney disease, high blood pressure, electrolyte abnormalities, placement of vascular accesses for dialysis (central venous catheters), therapeutic apheresis, kidney biopsy

Certifications

- GCP R2

I hereby **authorize** the use of my personal **data** in accordance to the GDPR 679/16

12-NOV-2025

Pietro Manuel Ferraro