

## Francesco Peyronel

### EDUCATION AND TRAINING

November 2022 - today <b>University of Firenze</b> Firenze (Italy)	<b>PhD student</b>
November 2020 <b>University of Parma</b> Parma (Italy)	<b>Specialization in Nephrology</b> Thesis: "Development of a study protocol for the prevention of intradialytic hypotension in patients on chronic hemodialysis" - Final mark: 50/50 cum laude
September 2020 <b>SIUMB</b> Parma/Lecce (Italy)	<b>National Diploma in Clinical Ultrasound</b> Italian Society of Ultrasound in Medicine and Biology - SIUMB
July 2015 <b>University of Pavia</b> Pavia (Italy)	<b>Degree in Medicine and Surgery</b> Thesis: "Renal function in obese individuals: creatinine clearance or eGFR?" Final mark: 110/110 cum laude
March 2015 - July 2015 and November 2015 - February 2016 <b>Ospedale Civile</b> Morbegno (Italy)	Voluntary traineeship at the Emergency Department (500 hours)
August 2015 - October 2015 <b>Nierenzentrum UniversitätsKlinikum</b> Heidelberg (Germany)	Voluntary traineeship at the Nephrology Unit
June 2013 - July 2015 <b>IRCCS Fondazione S. Maugeri</b> Pavia (Italy)	Internship at the Nephrology Unit
July 2009 <b>Liceo Scientifico "P.L. Nervi"</b> Morbegno (Italy)	High School Diploma (Scientific Studies)

### WORK EXPERIENCE

April 2022 - today <b>SOC Nefrologia - AOU Meyer</b> Firenze (Italy)	<b>Observer nephrologist</b>
April 2022 - today <b>Rete PAS - CRI Bagno a Ripoli</b> Firenze (Italy)	<b>Nephrologist</b> - outpatient visits and inferior abdomen ultrasound
February 2021 - December 2021 <b>AUSL Toscana Centro</b> Montopoli in Val d'Arno (Italy)	General practitioner
December 2020 - May 2021 <b>AUSL Toscana Centro</b> Firenze (Italy)	Doctor on call (out-of-hours service)
November 2016 - October 2020 <b>University of Parma</b> Parma (Italy)	Nephrology residency at the Nephrology Unit - University Hospital of Parma
March 2020 - May 2020 <b>AUSL of Piacenza</b> Piacenza (Italy)	Doctor on call (out-of-hours service)

May 2016 - September 2016 <b>Ospedale Civile</b> Morbegno (Italy)	Staff Physician at the Emergency Department
April 2009 - January 2015 <b>Italian Red Cross</b> Morbegno (Italy)	Rescue Volunteer certified for the use of AED (BLSD) and ECG devices
<b>PERSONAL SKILLS AND COMPETENCES</b>	
<b>Mother tongue</b>	<b>Italian</b>
<b>Other languages</b>	<p><b>English:</b> Comprehension: advanced/proficient Oral expression: advanced/proficient Written expression: advanced/proficient</p> <p>2008: ISE (Integrated Skills in English) III - Trinity College London (C1) 2020: TOEFL (Test for English as a Foreign Language) iBT: 107/120</p> <p><b>German:</b> Comprehension: intermediate/advanced Oral expression: intermediate/advanced Written expression: intermediate</p> <p><b>French:</b> Comprehension: intermediate Oral expression: intermediate Written expression: intermediate</p>
<b>Computer skills and competences</b>	<p>Good command of Microsoft Office tools (Word, Excel, Powerpoint)</p> <p>Good command of graphics softwares (Inkscape, GIMP)</p> <p>Good command of statistical analysis softwares (Graphpad Prism, SPSS)</p>
<b>Biostatistics</b>	<p>Erasmus Summer Programme 2018 (Erasmus University Rotterdam, the Netherlands). Courses:</p> <ul style="list-style-type: none"> <li>- ESP01: Principles of Research in Medicine &amp; Epidemiology</li> <li>- ESP03: Introduction to Data-analysis</li> <li>- ESP09: Regression analysis</li> </ul>
<b>TEACHING EXPERIENCE</b>	
<b>2022</b>	<p>Lecturer on “Phosphate kinetic models in hemodialysis”, “Severe hyponatremia management in CRRT”, “Transport mechanisms in hemodialysis”, and “Clearance and other measures of hemodialysis efficiency” to Nephrology Residents at the University of Florence</p> <p>Lecturer on “Urban legends and myths in nephrology” to Internal Medicine Residents at the University of Florence</p>
<b>2021</b>	Lecturer on “Measures of hemodialysis efficiency” and on “CRRT principles” to Nephrology Residents at the University of Florence
<b>2019 - 2020</b>	Lecturer on “Hemodialysis principles” and on “Acute complications in chronic hemodialysis” to Nephrology Residents at the University of Parma and at the University of Florence
<b>2018 - 2020</b>	Tutor/supervisor of medical students during project development and master thesis writing (topic: intradialytic hypotension)
<b>PUBLICATIONS</b>	
<b>2023</b>	<p><b>Kidney Involvement in Rosai-Dorfman Disease.</b> Mazzariol M, <u>Peyronel F</u>, Fagni F, Santi R, Agostini S, Vaglio A. <i>Kidney International</i> (in press)</p> <p><b>Chronic periaortitis.</b> Gianfreda D, Superchi E, <u>Peyronel F</u>, Mazzariol M, Vaglio A. <i>Rev Med Interne</i> (in press)</p> <p><b>Connective Tissue Disease: A Comprehensive Guide - Volume 2 - CHAPTER “Periaortitis”.</b> Superchi E, Mazzariol M, <u>Peyronel F</u>, Vaglio A (in press)</p>

2022	<p><b>Persistent Isolated C3 Hypocomplementemia as a Strong Predictor of End-Stage Kidney Disease in Lupus Nephritis: aRetrospective Study of a Large Multiethnic Cohort.</b> Rossi GM, Maggiore U, <u>Peyronel F</u>, Fenaroli P, Delsante M, Benigno GD, Gianfreda D, Urban ML, Manna Z, Arend LJ, Bagnasco S, Vaglio A, Fiaccadori E, Rosenberg AZ, Hasni S, Manenti L. <i>Kidney Int Rep</i> 2022; 7(12):2647-2656. doi: 10.1016/j.ekir.2022.09.012. PMID: 36506236</p>
2021	<p><b>OccupationalExposures and Smoking in EosinophilicGranulomatosis With Polyangiitis: A Case-Control Study.</b>Maritati F, <u>Peyronel F</u>, Fenaroli P, Pegoraro F, Lastrucci V, Benigno GD, Palmisano A, Rossi GM, Urban ML, Alberici F, Fraticelli P, Emmi G, Corradi M, Vaglio A. <i>ArthritisRheumatol</i> 2021;73(9):1694-1702. doi: 10.1002/art.41722. PMID: 33750006</p> <p><b>A case of extreme hyperphosphatemia due to sodium phosphate enemas successfully treated with sustained low efficiency dialysis.</b> Di Mario F, <u>Peyronel F</u>, Greco P, Giunta R, Regolisti G, Fiaccadori E. <i>Clin Nephrol</i> 2021;95(1):62-64. doi: 10.5414/CN110345. PMID: 33141015</p> <p><b>Manuale di Nefrologia, Ottava Edizione - Concorso Nazionale SSM 2022.</b> PREAIMS, 2021. ISBN: 9788833411446</p>
2020	<p><b>Low-Level Proteinuria in Systemic Lupus Erythematosus.</b> Chedid A, Rossi GM, <u>Peyronel F</u>, Menez S, Atta MG, Bagnasco SM, Arend LJ, Rosenberg AZ, Fine DM. <i>Kidney Int Rep</i> 2020;5(12):2333-2340. doi: 10.1016/j.ekir.2020.09.007. PMID: 33305127</p> <p><b>Integrated strategies to prevent intradialytic hypotension: research protocol of the DialHypot study, a prospective randomised clinical trial in hypotension-prone haemodialysis patients.</b> <u>Peyronel F</u>, Parenti E, Fenaroli P, Benigno GD, Rossi GM, Maggiore U, Fiaccadori E. <i>BMJ Open</i> 2020;10(7):e036893. doi: 10.1136/bmjopen-2020-036893. PMID: 32641335</p> <p><b>FCGR3B polymorphism predicts relapse risk in eosinophilic granulomatosis with polyangiitis.</b> Alberici F, Bonatti F, Adorni A, Daminelli G, Sinico RA, Gregorini G, Marvisi C, Fenaroli P, <u>Peyronel F</u>, Maritati F, Palmisano A, Urban ML, Percesepe A, Emmi G, Martorana D, Vaglio A. <i>Rheumatology</i> 2020;59(11):3563-3566. doi: 10.1093/rheumatology/keaa134. PMID: 32375167</p> <p><b>IgG4-related disease: a clinical perspective.</b> Maritati F, <u>Peyronel F</u>, Vaglio A. <i>Rheumatology</i> 2020;59(Suppl 3):iii123-iii131. doi: 10.1093/rheumatology/kez667. PMID: 32348524</p> <p><b>New therapeutics for ANCA-associated vasculitis: 10 years devoted to lessen toxicity.</b> Rossi GM, <u>Peyronel F</u>, Fenaroli P, Maritati F, Vaglio A. <i>Clin Exp Rheumatol</i> 2020;38 Suppl 124(2):18-22.PMID: 32301425</p> <p><b>Long term follow up of mTOR inhibition for Erdheim-Chester disease.</b> Pegoraro F, Maniscalco V, <u>Peyronel F</u>, Westenend PJ, Hendriksz TR, Roperto RM, Palumbo AA, Sieni E, Romagnani P, van Bommel EFH, Vaglio A. <i>Blood</i> 2020;135(22):1994-1997. doi: 10.1182/blood.2019004478. PMID: 32299103</p> <p><b>Recent insights into sodium and potassium handling by the aldosterone-sensitive distal nephron: implications on pathophysiology and drug discovery.</b> Rossi GM, Regolisti G, <u>Peyronel F</u>, Fiaccadori E. <i>J Nephrol</i> 2020;33(3):447-466. doi: 10.1007/s40620-020-00700-9. PMID: 32060741</p> <p><b>Recent insights into sodium and potassium handling by the aldosterone-sensitive distal nephron: a review of the relevant physiology.</b> Rossi GM, Regolisti G, <u>Peyronel F</u>, Fiaccadori E. <i>J Nephrol</i> 2020;33(3):431-445. doi: 10.1007/s40620-019-00684-1. PMID: 31950375</p> <p><b>Rituximab for chronic periaortitis without evidence of IgG4-related disease: a long-term follow-up study of 20 patients.</b> Urban ML, Maritati F, Palmisano A, Fenaroli P, <u>Peyronel F</u>, Trivioli G, Ferretti S, De Biase C, Grayson PC, Pegoraro F, Prisco D, Romagnani P, Emmi G, Vaglio A. <i>Ann RheumDis</i>2020;79(3):433-434. doi: 10.1136/annrheumdis-2019-216258. PMID: 31744824</p> <p><b>Validation by CT scan of quadriceps muscle thickness measurement by ultrasound in acute kidney injury.</b> Sabatino A, Regolisti G, di Mario F, Ciuni A, Palumbo A, <u>Peyronel F</u>, Maggiore U, Fiaccadori E. <i>J Nephrol</i> 2020;33(1):109-117. doi: 10.1007/s40620-019-00659-2. PMID: 31729699</p>

<p><b>2019</b></p>	<p><b>Fibrocytes in Chronic Periaortitis: A Novel Mechanism Linking Inflammation and Fibrosis.</b> Nicastro M, Vescovini R, Maritati F, Palmisano A, Urban ML, Incerti M, Fenaroli P, <u>Peyronel F</u>, Benigno GD, Mangieri D, Volpi R, Becchi G, Romagnani P, Corradi D, Vaglio A. <i>ArthritisRheumatol</i> 2019;71(11):1913-1922. doi: 10.1002/art.41024. PMID: 31233292</p> <p><b>Clinical and Prognostic Significance of Serum IgG4 in Chronic Periaortitis. An Analysis of 113 Patients.</b> Maritati F, Rocco R, Accorsi Buttini E, Marvisi C, Nicastro M, Urban ML, Fenaroli P, <u>Peyronel F</u>, Benigno GD, Palumbo AA, Corradi D, Emmi G, Pipitone N, Palmisano A, Vaglio A. <i>Front Immunol</i> 2019;10:693. doi: 10.3389/fimmu.2019.00693. PMID: 31019511</p>
<p><b>2018</b></p>	<p><b>A misleading diagnosis of granulomatosis with polyangiitis disguising Whipple's disease.</b> <u>Peyronel F</u>, Fenaroli P, Benigno GD, Palumbo AA, Martella EM, Biagi F, Vaglio A. <i>Rheumatology</i> 2018;57(7):1307-1309. doi: 10.1093/rheumatology/key073. PMID: 29579249</p>
<p><b>Images/graphics</b></p>	<p><b>Recent insights into sodium and potassium handling by the aldosterone-sensitive distal nephron: implications on pathophysiology and drug discovery.</b> Rossi GM, Regolisti G, Peyronel F, Fiaccadori E. <i>J Nephrol</i> 2020 Feb. doi: 10.1007/s40620-020-00700-9. PMID: 32060741</p> <p><b>Recent insights into sodium and potassium handling by the aldosterone-sensitive distal nephron: a review of the relevant physiology.</b> Rossi GM, Regolisti G, Peyronel F, Fiaccadori E. <i>J Nephrol</i> 2020 Jan. doi: 10.1007/s40620-019-00684-1. PMID: 31950375</p> <p><b>Targeting the gut for early diagnosis, prevention and cure of diabetic kidney disease: is the phenyl sulfate story another step forward?</b> Fiaccadori E, Cosola C, Sabatino A. <i>Am J Kidney Dis</i> 2020 Jan;75(1):144-147. doi: 10.1053/j.ajkd.2019.07.001. PMID: 31451331</p>
<p><b>CONGRESSES AND CONFERENCES</b></p>	
<p>December 2022 <b>Corso di aggiornamento sulle vasculiti primarie</b> Reggio Emilia, Italy</p> <p>December 2022 <b>85ème Congrès de la SNFMI (Société Nationale Française de Médecine Interne)</b> Marseille, France</p>	<p><b>Eosinophilic granulomatosis with polyangiitis (speaker)</b></p> <p><b>Geographic clustering of Erdheim Chester disease in Italy and France (oral presentation)</b></p>
<p><b>JOURNAL EDITORIAL ACTIVITY</b></p>	
<p><b>2023</b></p>	<p>The Journal of Rheumatology (reviewer)</p>
<p><b>2022</b></p>	<p>International Journal of Clinical Practice (reviewer)</p>
<p><b>2020</b></p>	<p>Internal and Emergency Medicine (reviewer)</p>
<p><b>2019</b></p>	<p>Clinical Kidney Journal (reviewer)</p>