


INFORMAZIONI  
PERSONALI

Francesco Fontana

 Via del Pozzo 71, 41124 Modena 0594225410 francesco.fontana@unimore.itISTRUZIONE E  
ESPERIENZE  
PROFESSIONALI

2016 – PRESENTE Dirigente Medico. U.O. di Nefrologia e Dialisi, Azienda Ospedaliero Universitaria Policlinico di Modena

ISTRUZIONE E  
FORMAZIONE

- 2019 PhD, Doctorate school in clinical and experimental medicine, Università di Modena and Reggio Emilia, Italia
- 2016 Specialista in Nefrologia,  
Università di Modena and Reggio Emilia, Italia
- 2010 Dottore in Medicina e Chirurgia,  
Università di Modena and Reggio Emilia, Italia

## Internships

- Aprile 2019 - Giugno 2019 Nephropathology fellowship, Pathology department, AMC Hospital, Amsterdam, The Netherlands
- Settembre 2014 - gennaio 2015 Molecular Physiology Unit, Instituto de Investigaciones Biomedicas, Instituto de Ciencias Medicas y Nutrición S. Zubirán, Universidad Nacional Autonoma de Mexico, Mexico City (Mexico)
- Settembre 2010 Nephrology Service, Hospital Privado, Cordoba (Argentina)
- Aprile - Maggio 2009 Internal Medicine Service, Hospital Cinico Universitario Lozano Blesa, Zaragoza (Spain)
- Agosto - settembre 2007 Hospital Stadler Richter, Archidona (Ecuador)

## COMPETENZE PERSONALI

Madre Lingua Italiana

Altre Lingue	LETTURA		ESPRESSIONE ORALE		SCRITTURA
	Ascolto	Lettura	Interazione	Produzione orale	
Inglese	Eccellente	Eccellente	Eccellente	Eccellente	Eccellente
EF International Language Center of Dublin certificate, B2					
Spagnolo	Eccellente	Eccellente	Eccellente	Eccellente	Eccellente
Portoghese	Discreto	Eccellente	Discreta	Discreta	Discreta

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

## ALTRE CAPACITA' E COMPETENZE

Utilizzo di programmi per elaborazione statistica di dati (SPSS, GraphPad Prism)

## PUBBLICAZIONI

Alfano G, Giaroni F, Fontana F, Neri L, Mosconi G, Mussini C, Guaraldi G, Cappelli G. Rituximab in people living with HIV affected by immunemediated renal diseases: a case-series. *Int J STD AIDS*. 2020. doi:10.1177/0956462420946662.

Fontana F, Torelli C, Giovanella S, Ligabue G, Alfano G, Gerritsen K, Selgas R, Cappelli G. Influence of dialysate temperature on creatinine peritoneal clearance in peritoneal dialysis patients: a randomized trial. *BMC Nephrol*. 2020;21(1). doi:10.1186/s12882-020-02113-z.

Mori G, Alfano G, Fontana F, Magistroni R. Hybrid dialysis: A promising strategy to reduce hospital access during the SARS-CoV-2 pandemic. *BMJ Case Rep*. 2020;13(10). doi:10.1136/bcr-2020-236411.

Alfano G, Perrone R, Fontana F, Mori G, Lucchi L, Guaraldi G, Magistroni R, Cappelli G. Long-term effects of COVID-19 in a patient on maintenance dialysis. *Hemodial Int*. 2020;24(4):E50-E54. doi:10.1111/hdi.12859.

Alfano G, Fontana F, Mori G, Magistroni R, Cappelli G. The definition of chronic kidney disease in a context of aging population. *G Ital Nefrol*. 2020;37(4).

Ligabue G, Pollastri F, Fontana F, Leonelli M, Furci L, Giovanella S, Alfano G, Cappelli G, Testa F, Bolelli F, Grana C, Magistroni R. Evaluation of the classification accuracy of the kidney biopsy direct immunofluorescence through convolutional neural networks. *Clin J Am Soc Nephrol*. 2020;15(10). doi:10.2215/CJN.03210320.

Testa F, Marchiò M, D'Amico R, Giovanella S, Ligabue G, Fontana F, Alfano G, Cappelli G, Biagini G, Magistroni R. GREASE II. A phase II randomized, 12-month, parallel-group, superiority study to evaluate the efficacy of a Modified Atkins Diet in Autosomal Dominant Polycystic Kidney Disease patients. *PharmaNutrition*. 2020;13. doi:10.1016/j.phanu.2020.100206.

Fontana F, Cazzato S, Giovanella S, Ballestri M, Leonelli M, Mori G, Alfano G, Ligabue G, Magistroni R, Cenacchi G, Antonioti R, Bonucchi D, Cappelli G. Oxalate nephropathy due to excessive vitamin C administration in two patients with COVID-19. *Kidney Int Reports*. 2020;0(0). doi:10.1016/j.ekir.2020.07.008.

Alfano G, Fontana F, Ferrari A, Guaraldi G, Mussini C, Magistroni R, Cappelli G. Peritoneal dialysis in the time of coronavirus disease 2019. *Clin Kidney J*. 2020. doi:10.1093/ckj/sfaa093.

Fontana F, Giaroni F, Frisina M, Alfano G, Mori G, Lucchi L, Magistroni R, Cappelli G. SARS-CoV-2 infection in dialysis patients in northern Italy: a single-centre experience. *Clin Kidney J*. 2020. doi:10.1093/ckj/sfaa084.

Alfano G, Ferrari A, Fontana F, Damiano F, Solazzo A, Mori G, Cappelli G. Hemolytic Anemia as Presentation of T-Cell Large Granular Lymphocytic Leukemia After Kidney Transplantation: A Case Report. *Transplant Proc.* 2020. doi:10.1016/j.transproceed.2020.02.183.

Alfano G, Guaraldi G, Fontana F, Ferrari A, Magistroni R, Mussini C, Cappelli G. The Role of the Renin-Angiotensin System in Severe Acute Respiratory Syndrome-CoV-2 Infection. *Blood Purif.* 2020. doi:10.1159/000507914.

Fontana F, Alfano G, Mori G, Amurri A, Tei L, Ballestri M, Leonelli M, Facchini F, Damiano F, Magistroni R, Cappelli G. COVID-19 pneumonia in a kidney transplant recipient successfully treated with tocilizumab and hydroxychloroquine. *Am J Transplant.* 2020;20(7):1902-1906. doi:10.1111/ajt.15935.

Alfano G, Guaraldi G, Fontana F, Franceschini E, Dolci G, Mussini C, Cappelli G. Role of Maraviroc in minimizing the risk of graft rejection in HIV-infected kidney transplant recipients. *Transpl Infect Dis.* 2020. doi:10.1111/tid.13294.

Mori G, Solazzo A, Tonelli L, Facchini F, Fontana F, Alfano G, Baroni S, Cappelli G. Comparison Between Kidney Transplantation After Circulatory Death and After Brain Death: A Monocentric Retrospective Study After 1 Year of Follow-up. *Transplant Proc.* 2020. doi:10.1016/j.transproceed.2020.02.043.

Alfano G, Fontana F, Ferrari A, Solazzo A, Perrone R, Giaroni F, Torricelli P, Cappelli G. Incidence of nephrogenic systemic fibrosis after administration of gadoteric acid in patients on renal replacement treatment. *Magn Reson Imaging.* February 2020. doi:10.1016/j.mri.2020.02.012.

Alfano G, Fontana F, Guaraldi G, Cappelli G, Mussini C. Successful treatment of BK virus associated-nephropathy in a human immunodeficiency virus-positive kidney transplant recipient. *Int J STD AIDS.* February 2020;095646241990085. doi:10.1177/0956462419900853.

Alfano G, Guaraldi G, Fontana F, Bellasi A, Cappelli G. Therapeutic management of HIV-infected patients with chronic kidney disease. *J Nephrol.* February 2020. doi:10.1007/s40620-020-00701-8.

Alfano G, Fontana F, Guaraldi G, Cappelli G. Author's Response. *Transplant Proc.* 2020;52(1):424-425. doi:10.1016/j.transproceed.2019.11.030.

Mori G, Cerami C, Facchini F, Fontana F, Alfano G, Giovanni R, Cappelli G. Kidney Transplantation From Circulatory Death Donors: Monocentric Experience. *Transplant Proc.* October 2019. doi:10.1016/j.transproceed.2019.07.012.

Alfano G, Fontana F, Colaci E, Mori G, Cerami C, Messerotti A, Potenza L, Luppi M, Cappelli G. T-cell large granular lymphocyte leukemia in solid organ transplant recipients: case series and review of the literature. *Int J Hematol.* June 2019. doi:10.1007/s12185-019-026822.

Lima-Posada I, Fontana F, Pérez-Villalva R, Berman-Parks N, Bobadilla NA. Pirfenidone prevents acute kidney injury in the rat. *BMC Nephrol.* 2019;20(1):158. doi:10.1186/s12882-019-1364-4.

Alfano G, Ventura P, Fontana F, Marcacci M, Ligabue G, Scarlini S, Franceschini E, Codeluppi M, Guaraldi G, Mussini C, Cappelli G. Rhodococcus equi Pneumonia in Kidney Transplant Recipient Affected by Acute Intermittent Porphyrria: A Case Report. Transplant Proc. June 2018. doi:10.1016/j.transproceed.2018.02.213.

Alfano G, Fontana F, Francesca D, Assirati G, Magistri P, Tarantino G, Ballarin R, Rossi G, Franceschini E, Codeluppi M, Guaraldi G, Mussini C, Di Benedetto F, Cappelli G. Gastric Mucormycosis in a Liver and Kidney Transplant Recipient: Case Report and Concise Review of Literature. Transplant Proc. 2018. doi:10.1016/j.transproceed.2017.11.036.

Fontana F, Alfano G, Bardhushi E, Ligabue G, Giovanella S, Neri I, Cappelli G. Relapse of Atypical Hemolytic Uremic Syndrome During Pregnancy in a Patient on Eculizumab Maintenance Treatment: A Case Report. Am J Case Rep. 2019;20:1460-1465. doi:10.12659/ajcr.916994.

Alfano G, Cappelli G, Fontana F, Di Lullo L, Di Iorio B, Bellasi A, Guaraldi G. Kidney Disease in HIV Infection. J Clin Med. 2019;8(8):1254. doi:10.3390/jcm8081254.

Alfano G, Fontana F, Mori G, Vicari E, Dolci G, Franceschini E, Guaraldi G, Mussini C, Cappelli G. Antiviral activity of sirolimus in an HIV-positive kidney transplant recipient. Int J STD AIDS. July 2019;095646241983952. doi:10.1177/0956462419839520.

Fontana F, Alfano G, Leonelli M, Cerami C, Ligabue G, Spinella A, Citriniti G, Manzini CU, Ferri C, Cappelli G. Efficacy of Belimumab for active lupus nephritis in a young Hispanic woman intolerant to standard treatment: a case report. BMC Nephrol. 2018;19(1):276. doi:10.1186/s12882-018-1066-3.

Alfano G, Fontana F, Colaci E, Franceschini E, Ligabue G, Messerotti A, Bettelli F, Grottola A, Gennari W, Potenza L, Guaraldi G, Mussini C, Luppi M, Cappelli G. Immunophenotypic Profile and Clinical Outcome of Monoclonal B-cell Lymphocytosis in Kidney Transplantation. Clin Transplant. August 2018:e13338. doi:10.1111/ctr.13338. 30

Alfano G, Mori G, Fontana F, Dolci G, Baisi A, Ligabue G, Ferrari A, Solazzo A, Franceschini E, Guaraldi G, Mussini C, Cappelli G. Clinical outcome of kidney transplantation in HIV-infected recipients: a retrospective study. Int J STD AIDS. 2018. doi:10.1177/0956462418779659.

Fontana F, Massari M, Giovannini L, Alfano G, Cappelli G. Knowledge and Attitudes Toward Organ Donation in Health Care Undergraduate Students in Italy. Transplant Proc. 2017;49(9):1982-1987. doi:10.1016/j.transproceed.2017.09.029.

Lima-Posada I, Portas-Cortés C, Pérez-Villalva R, Fontana F, Rodríguez-Romo R, Prieto R, Sánchez-Navarro A, Rodríguez-González GL, Gamba G, Zambrano E, Bobadilla NA. Gender Differences in the Acute Kidney Injury to Chronic Kidney Disease Transition. Sci Rep. 2017;7(1):12270. doi:10.1038/s41598-017-09630-2.

Alfano G, Fontana F, Iannaccone M, Noussan P, Cappelli G. Preoperative management of arteriovenous fistula (AVF) for hemodialysis. *J Vasc Access*. October 2017;0. doi:10.5301/jva.5000771.

Alfano G, Fontana F, Colaci E, Messerotti A, Bettelli F, Potenza L, Luppi M, Cappelli G. Monoclonal Gammopathy of Undetermined Significance After Kidney Transplantation: Single-Center Experience. *Transplantation*. 2017;101(11):e337-e342. doi:10.1097/TP.0000000000001884.

Franceschini E, Plessi J, Zona S, Santoro A, Digaetano M, Fontana F, Alfano G, Guaraldi G, Comoli P, Facchini F, Potenza L, Gennari W, Codeluppi M, Luppi M, Cappelli G, Gyssens IC, Mussini C. Clinical Utility of Epstein-Barr Virus Viral Load Monitoring and Risk Factors for Posttransplant Lymphoproliferative Disorders After Kidney Transplantation: A Single-Center, 10-Year Observational Cohort Study. *Transplant direct*. 2017;3(7):e182. doi:10.1097/TXD.0000000000000703.

Alfano G, Fontana F, Cappelli G. Noninvasive Blood Pressure Measurement in Maintenance Hemodialysis Patients: Comparison of Agreement between Oscillometric and Finger-Cuff Methods. *Nephron*. 2017;136(4):309-317. doi:10.1159/000457812.

Fontana F, Cappelli G. Acute pancreatitis associated with everolimus after kidney transplantation: a case report. *BMC Nephrol*. 2016;17(1):163. doi:10.1186/s12882-016-0376-6.

Fontana F, Ballestri M, Makomi C, Morandi R, Cappelli G. Hemorheologic alterations in peritoneal dialysis. *Clin Hemorheol Microcirc*. 2017;65(2):175-183. doi:10.3233/CH-16152.

Maccaferri M, Pierini V, Di Giacomo D, Zucchini P, Forghieri F, Bonacorsi G, Paolini A, Quadrelli C, Giacobbi F, Fontana F, Cappelli G, Potenza L, Marasca R, Luppi M, Mecucci C. The importance of cytogenetic and molecular analyses in eosinophilia-associated myeloproliferative neoplasms: an unusual case with normal karyotype and TNIP1- PDGFRB rearrangement and overview of PDGFRB partner genes. *Leuk Lymphoma*. 2017;58(2):489-493. doi:10.1080/10428194.2016.1197396.

Fontana F, Ballestri M, Cappelli G. Hemorheology in kidney transplantation: A role for cardiovascular risk? *Clin Hemorheol Microcirc*. 2016;64(1):15-20. doi:10.3233/CH-152036.

Nava F, Cappelli G, Mori G, Granito M, Magnoni G, Botta C, Solazzo A, Fontana F, Baisi A, Bonucchi D. Everolimus, cyclosporine, and thrombotic microangiopathy: clinical role and preventive tools in renal transplantation. *Transplant Proc*. 2014;46(7):2263-2268. doi:10.1016/j.transproceed.2014.07.062.

## LIBRI

Book chapter: I test diagnostici in Nefrologia: laboratorio ed immagini", Cappelli G, Fontana F, Ballestri M. in "Manuale di Nefrologia di G. Garibotto e R. Pontremoli", II edizione 2017, Edizioni Minerva Medica, Torino, ISBN-13 978-88-7711-886-8

## CERTIFICAZIONI

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Mario Negri Scientific Writing Academy, October 6th-12th 2019, Bergamo (Italy)

12th European Renal Pathology Course 2018, Amsterdam, Netherlands, June 5th-8th 201

Clinical Nephropathology Certificate Program of the International Society of Nephrology, January – December 2018

WINFOCUS Focused Cardiac UltraSound Course, Catania (Italy), May 31st-June 1st 2016

Bedside Ultrasound Course: POCUS (Point Of Care UltraSound), Centro di Ricerca e Formazione in ecografia internistica, interventistica e vascolare, Medicina Interna A (V. Arienti), Ospedale Maggiore, Bologna (Italy), November - December 2015

ALS (Advanced Life Support) provider. Valid through July 13th 2019

## PRESENTAZIONI A CONGRESSI

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57th ERA-EDTA (European Renal Association – European Dialysis and Transplant Association) Congress. Poster presentation: “Antiproliferative agents in addition to steroids in IgA Nephropathy: a single center cohort study”. Virtual congress, May 31st 2020

56th ERA-EDTA (European Renal Association – European Dialysis and Transplant Association) Congress. Poster presentation: “Early identification of sickle cell nephropathy in a cohort of children with sickle cell disease”. Budapest (Hungary), June 14th 2019

56th ERA-EDTA (European Renal Association – European Dialysis and Transplant Association) Congress. Poster presentation: “Influence of dialysate temperature on creatinine peritoneal clearance in peritoneal dialysis patients”. Budapest (Hungary), June 14th 2019

59° congresso nazionale Società Italiana di Nefrologia (SIN). Oral presentation: “Pregnancy-associated atypical hemolytic uremic syndrome relapse during treatment with Eculizumab: a case report”. Rimini (Italy), October 4th 2018.

45th ESAO (European Society for Artificial Organs) Congress. Oral presentation: “Effects of mesothelial cells from a direct oxidation of peritoneal dialysate: are GDPs the real culprits?”, Madrid (Spain), September 13th 2018

Joint conference of the European Society for Clinical Hemorheology and Microcirculation, the International Society of Clinical Hemorheology and The International Society of Biorheology. Oral presentation: “Hemorheology in kidney disease”, Krakow (Poland), July 6th 2018



ISN (International Society of Nephrology) World Congress of Nephrology 2017. Poster: "T-cell large granular lymphocytes leukemia after kidney transplantation: a case series". Mexico City (Mexico), April 22nd 2017

V Convegno "Emoreologia e Microcircolazione dal laboratorio alla clinica". Oral presentation: Alterazioni emoreologiche in dialisi peritoneale. Istituto Superiore di Sanità, Rome (Italy), January 27th 2017

ERA-EDTA (European Renal Association – European Dialysis and Transplant Association) 53rd congress. Poster: "Knowledge and attitudes toward organ donation in healthcare undergraduate students in Italy". Vienna (Austria), May 14th 2016

Vth Global Nephrologists Annual Meeting. Oral presentation: "Wearable Artificial Kidney – Back to the future?". Valencia (Spain), April 1st 2016

56° congresso nazionale Società Italiana di Nefrologia (SIN). Poster: Pirfenidone previene il danno renale acuto da ischemia nel topo. Rimini (Italy), October 2nd 2015.

ERA-EDTA (European Renal Association – European Dialysis and Transplant Association) 52nd congress. Poster: "Pirfenidone prevents acute kidney injury due to ischaemia in rats". London (United Kingdom), May 29th 2015

ERA-EDTA (European Renal Association – European Dialysis and Transplant Association) 51st congress –Poster: "Hemorheology in kidney transplantation: a role in cardiovascular risk?" – Poster: "Effects of immunosuppressive therapy on Endothelial Progenitor Cells in kidney transplantation". Amsterdam (The Netherlands), May 1st 2014

V congresso SIEMC (Società Italiana di Emoreologia e Microcircolazione). Oral session: "Emoreologia nel trapianto renale". Padova (Italy), October 25th 2013.

ESOT (European Society for Organ Transplantation) 16th congress. Poster: "Hemorheology and renal transplantation". Vienna (Austria), September 10th 2013.

Congresso "Emoreologia: dalla ricerca alla clinica". Oral Communication: "Emoreologia nel trapianto di rene e nel trapianto di fegato". Istituto Superiore di Sanità, Rome (Italy), December 13th 2012

## PREMI

ERA-EDTA (European Renal Association – European Dialysis and Transplant Association). "Influence of dialysate temperature on creatinine peritoneal clearance in peritoneal dialysis patients". Awarded by the Paper Selection Committee among "Best abstracts presented by young authors" at ERA-EDTA 56th congress, Budapest (Hungary), June 13th-16th 2019.



SIN (Società Italiana di Nefrologia). "Pregnancy-associated atypical hemolytic uremic syndrome relapse during treatment with Eculizumab: a case report". "Best abstract author under 40". Awarded at the "59° congresso nazionale Società Italiana di Nefrologia (SIN)".

ERA-EDTA (European Renal Association – European Dialysis and Transplant Association). "Pirfenidone prevents acute kidney injury due to ischaemia in rats". Awarded by the Paper Selection Committee among "Best abstracts presented by young authors" at ERA-EDTA 52nd congress, London (United Kingdom), May 28th – 31st 2015.

Competenze Relazionali Buona predisposizione al lavoro di equipe

Competenze non  
Precedentemente indicate Musicali (Clarinetto)

Competenze Digitali	AUTOVALUTAZIONE				
	Elaborazione delle informazioni	Comunicazione	Creazione di Contenuti	Sicurezza	Risoluzione di problemi
	Buona	Buona	Buona	Buona	buona

Patente di guida Patente A, B

**ULTERIORI INFORMAZIONI** Autorizzo il trattamento dei miei dati personali nel CV ai sensi del Decreto legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali" e del GDPR (Regolamento UE 2016/679).