

Graduate in Medicine and Surgery from the Faculty of Medicine, University of Alicante and Doctor of Medicine (Ph.D.) from the Universitat Autònoma de Barcelona, Spain. Nephrologist after his training as resident at the Fundació Puigvert-Hospital de San Pablo, Barcelona. Master's Degree in Evidence-based Medicine from Universitat Autònoma de Barcelona-Universitat Rovira i Virgili-The Cochrane Collaboration, and Postgraduate in Big Data Processing and Artificial Intelligence for Life Sciences from Universitat Autònoma de Barcelona. Currently Consultant at the Nephrology Department and Coordinator of the Vascular Access Program of the Hospital Universitari Parc Taulí, Sabadell, Barcelona. He has a great deal of experience in vascular access in the field of care, teaching and research, with more than 400 communications and lectures at national and international congresses and several national and international publications, direction of Doctoral Thesis; and recipient of 12 awards. Member of the Clinical Research Ethics Committee of the Hospital Universitario Parc Taulí. He has been Director of numerous national and international courses and symposia, in particular the Co-chair of the 9th Congress of the Vascular Access Society (2015). He is the Secretary of the Vascular Access Working Group that belongs to the Spanish Society of Nephrology. Member of the Vascular Access Working Group of the Catalan Society of Nephrology. Member of the Spanish Multidisciplinary Group on Vascular Access (GEMAV). Member of the Interventional Nephrology working group of the Spanish Society of Nephrology (promoting group). Chair of the Work Group for the Clinical Guidelines on Vascular Access of the GEMAV, Member of the European Vascular Access Guidelines Group of the ERA-EDTA and member of the Clinical Practice Guide on Chronic Renal Disease Group of the Spanish National Health System-Guia Salud. President elect of the Vascular Access Society. Initially dedicated to the study of glomerular disease (Doctoral Thesis in Membranous Glomerulonephritis) and subsequently issues in hypertension and renovascular pathology until develop in recent years the main research activity on issues related to advanced renal failure and dialysis. The main areas of current interest focuses on the study of biomarkers in advanced renal failure and hemodialysis, emphasizing those related to inflammation, immunity, early biomarkers of infection, bioimpedance and in particular to vascular access. It is in vascular access field, where he had spent most of the activity last years around interventional nephrology. Highlighting the systems of monitoring and treatment of diseases related both the catheter and the native vascular access. And, particularly, the introduction of Doppler ultrasound in the dialysis unit by the nephrologist in the protocols of vascular access monitoring of multidisciplinary basis. Respect basic/translational investigations the main area of interest are intima-media hyperplasia, inflammation biomarkers, infection, and ultrasound surveillance. All this activity has led to the development of the Parc Taulí Vascular Access Program (VAP). VAP meets the knowledge of involved specialties (nephrology, vascular surgery, interventional radiology and nursery) oriented to implement the process of care, education, research and innovation in vascular access field (<http://www.tauli.cat/vap>).