

## **BRIEF CURRICULUM VITAE, ALBERTO ORTIZ**

March 2, 2024

### **Summary**

Prof Alberto Ortiz, MD, PhD, Chief of Nephrology and Hypertension at Health Research Institute of the Jiménez Díaz Foundation (IIS-FJD); Professor (Catedrático) of Medicine at Autonomous University of Madrid (UAM); Councillor and Chair of the Registry (European Renal Association, ERA), clinical Science Chair-elect (ERA); European Renal Best Practice (ERBP, the ERA clinical guidelines body) member; core member of European Uremic Toxins (EUTox), Chair of the Fabry Registry European Board, national coordinator of the Spanish Renal Research Network (RETIC REDINREN, 2013-2022; RICORS2040 2022-2024) and SpaCKDc (Spain CKD cause) precision medicine consortium nationally, 2020 ERA-EDTA Award for Research Excellence, editorial board member for JASN (top nephrology journal), J Nephrol and Nefrologia, among others, Scientific Program Chair for the 2019 ERA Congress and Management committee member in 2 ongoing COST actions, WHO expert on long COVID-19 (topic: nephrology), co-chair of the KDIGO controversies conference on chronic kidney disease (CKD) prevention (Rome, November 2023).

Prof. Ortiz studied Medicine at the UAM, specialized in Nephrology at the IIS-FJD, was postdoctoral research fellow at U. Pennsylvania, PA, USA (1992–1994) before returning to IIS-FJD as Senior Researcher (National program to repatriate PhDs working abroad) and later as Staff Nephrologist. A physician-scientist: his research career started in 1985 as a 5th year medical student awarded a basic research CSIC grant and was a full-time basic researcher for 5 years (2 in USA and 3 in Spain).

Research interests: epidemiology, pathogenesis, and treatment of kidney disease and vascular injury in kidney disease. From 2006 to 2017 he was a recipient of a Research Activity Intensification grant of the ISCIII. He has been PI for 11 Spain National Research Plan projects, including non-commercial clinical trials, 3 EU research project (a clinical trial: PRIORITY, prevention of CKD: PREVENTCKD, and green nephrology: KitNewCare), 5 Community of Madrid research projects and 3 nationwide research networks, including REDINREN and RICORS2040. Has been director/mentor of 11 public competitive research contracts: 4 post-specialty research contracts for nephrologists (Rio Hortega), 3 Sara Borrell early-stage post-doctoral contract, 3 Miguel Servet senior post-doctoral contracts and 2 physician-scientist Joan Rodes contract. He directed multiple PhD grantees funded by private and public competitive sources, resulting in 35 successfully defended PhD dissertations and 9 ongoing PhD theses. He was Editor-in-Chief for Clinical Kidney Journal 2014-2022, Secretary of the European Renal and Cardiovascular Medicine (EURECA-m) working group of the ERA, ERA Scientific Advisory Board (SAB) member, Vice Dean for research at the School of Medicine UAM, Spanish representative in the European Cost Action EUROKUP, international coordinator for the gevokizumab phase II RCT in diabetic nephropathy and EMA expert on nephrotoxicity biomarkers, contributor to ERBP clinical guidelines on Fabry and autosomal dominant polycystic kidney disease (ADPKD) and to Spanish guidelines on ADPKD and advanced CKD management, associate editor at NDT 2015-2017 and ERA Councillor 2015-2017. Participated in KDIGO Controversies Conferences on Fabry disease, Rare Disease and CKD and co-chaired one on Prevention of CKD. Invited to write reviews/editorial comments to Lancet, Lancet Endocrinology, Nat Rev Nephrol, JASN, Kidney Int, J Pathol, NDT and others. Reviewer for >60 journals, including NEJM, Lancet and for National funding bodies in 10 European countries.

AO has published >1000 papers in peer-reviewed journals, 40 “Highly Cited in Field” (WOS). h-index 101 (WOS)/122 (Google Scholar-GS IIKOVx0AAAAJ, i10 index 697). Citations: 91 500 WOS/ 162441 GS.

According to the Expertscape website (<https://expertscape.com/ex/kidney>), based on the publications record of the past 10 years, AO is ranked #1 in Spain and #4 in the world in the topic Kidney.

### **1. PERSONAL DATA**

DOB: 20-07-1963, Place of birth: Madrid, Spain, Nationality: Spanish

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### **Current position**

1. **Chief, Department of Nephrology and Hypertension**, University Hospital and Research Institute Fundación Jiménez Díaz (2010-)
2. **Professor (Catedrático) of Medicine, School of Medicine**. Universidad Autónoma de Madrid, Spain (2020-)
3. **Editorial Board Member J Am Soc Nephrol (from Jan 1, 2020), Perit Dial Int (2004-), Turkish Journal of Nephrology (2017-), Portuguese Journal of Nephrology and Hypertension (2016-)**

4. **Corresponding member, Spanish Royal National Academy of Medicine**
5. **Coordinator, Spanish Renal Research Network (RETIC REDINREN 2012-2022, RICORS2040 2022-24)**
6. **Global Burden of Disease (GBD) expert on CKD from 2013**
7. **Coordinator, MOOC on kidney pathophysiology (<https://www.edx.org/course/fisiopatologia-renal-y-enigmas-de-la-uamx-renal701x-2>), Universidad Autonoma de Madrid, EDX**
8. **Chair, ERA Registry**
9. **Clinical Science Chair-elect (ERA)**
10. **Member, European Renal Best Practice (ERBP, guideline development body of the ERA-EDTA), 2018-**
11. **Chair of the European Fabry Registry Advisory Board (2020- )**
12. **Member of the International Fabry Registry Advisory Board (2020-)**

#### **Clinical expertise.**

Chronic kidney disease: CKD progression, CKD-MBD

Glomerular disease and podocyte injury

Diabetic and Fabry kidney disease

Polycystic kidney disease

Peritoneal dialysis

Cardiovascular disease in CKD

## **2. STUDIES AND EXPERIENCE**

1. **Licenciado (MD)** in Medicine and Surgery, Universidad Autónoma de Madrid, Spain 1987. **Extraordinary Licenciatura** award
2. **Fellowship in Nephrology**, Fundación Jiménez Díaz, Madrid, Spain, 1988-91
3. **Doctor in Medicine (PhD)**, Universidad Autónoma de Madrid, 1992. **Extraordinary Doctorate award.**
4. **Fellowship in Molecular Nephrology**, University of Pennsylvania, PA, USA 1992-1994. Assistant Professor of Medicine, 1993-4
5. **Staff Researcher** Fundación Jiménez Díaz, 1994-1996
6. **Staff Nephrologist**, Fundación Jiménez Díaz, 1996-2001
7. **Associate Chief of Nephrology**, Fundación Jiménez Díaz, 2001-2010
8. **Coordinator, Dialysis and CKD unit**, Fundación Jiménez Díaz, 2009-
9. **Chief of the Peritoneal Dialysis program** at Fundación Jiménez Díaz 1994-2010
10. **Director** of 35 PhD dissertations
11. **Chief Mentor of Nephrology fellows** Fundación Jiménez Díaz 1997-2002; 2008-10
12. **Honorary Professor of Medicine, School of Medicine.** Universidad Autónoma de Madrid, Spain, 2000-2007
13. **Assistant Professor of Medicine, School of Medicine.** Universidad Autónoma de Madrid, Spain, 2000-2012
14. **Associate Professor of Medicine, School of Medicine.** Universidad Autónoma de Madrid, Spain, 2012-2020
15. **Adjunct Professor of Medical Sciences. School of Medicine. Universidad San Pablo-CEU, Madrid, 2004-2009**
16. **Vice-Dean for Research, School of Medicine, Universidad Autonoma de Madrid (2014-2015)**
17. **Associate Editor Nephrol Dial Transplant (2014-2017)**
18. **Coordinator, Iberoamerican chronic kidney disease Research Network (CYTED network IBERERC)(2013-2016)**
19. **Ordinary council member European Renal Association (ERA-EDTA) (2014-2017)**
20. **Secretary, European Renal and Cardiovascular Medicine (EURECA-m) working group of the European Renal Association - European Dialysis and Transplant Association (ERA-EDTA) 2013-2018**
21. **Chair of the Scientific Committee, 2019 ERA-EDTA Congress Budapest**
22. **Scientific Advisory Board (SAB) member, ERA-EDTA 2014-2018**
23. **Editor-in-Chief, Clinical Kidney Journal (2014-2022)**
24. **Coordinator of Research, Spanish Society of Nephrology (2015-2020)**
25. **Coordinator of Innovation, IIS-Fundacion Jimenez Diaz UAM (2014-2020)**
26. **Member, International Scientific Advisory Board (ISAB) of the Dutch Kidney Foundation (DKF), 2017-23**

## **3. HONORS**

1. **Fellow of the European Renal Association (FERA) 2013**
2. **Past Member of the Editorial Board.** Frontiers in Bioscience (2004-), J Nephrol (2015-2020), Nefrología (2007-2014). J Am Soc Nephrol (2010-2017)

3. **Reviewer for** over 100 different journals, including New Engl J Med and Lancet and for research grant awarding bodies in multiple European countries (e.g. Deutsche Forschungsgemeinschaft (German Research Foundation), Swiss National Science Foundation (SNSF), Romanian National Council for Scientific Research, Research Foundation - Flanders (Fonds Wetenschappelijk Onderzoek - Vlaanderen, FWO), Israel Research Agency, Kidney Research UK, Polish Research Fund, Austrian Research Fund), Wellcome trust India, South African research fund and Canada.
4. **Member of the Research Commission** of the Spanish Society of Nephrology (2000-2003 and 2009-), Research Commission Fundacion Jiménez Diaz (2004-2011) and Research Commission Fundacion Jiménez Diaz (2012-).
5. **Member of the Hereditary Renal Disease Working Group in the Spanish Society of Nephrology and of the ERA/EDTA**
6. **Member of Glomerular Disease Working Group (GLOSEN) and Diabetic Nephropathy Working Group (GEENDIAB), Spanish Society of Nephrology**
7. **Research awards:** Several Spanish Research awards, among them, the award of the Fundación Renal Iñigo Alvarez de Toledo (4 times), Research awards from the Spanish Society of Nephrology (7) and awards to the Best Editorial published in the Nefrologia journal (2), **Ortho Biotech Merit Award** 2001
8. **Core member, REDINREN (Spanish renal research network) steering committee (2008-2012)**
9. **Member. WGIKD (Working Group on Inherited Kidney Disorders) of the ERA/EDTA**
10. **Member. Diabetesity (Working Group on Diabetes and Obesity) of the ERA/EDTA**
11. **Auditor, EURECA-m within European renal association (ERA/EDTA), 2010-2012**
12. **Member. EuTox, 2011-**
13. **2020 ERA-EDTA Award for Research Excellence**
14. **2023 Miembro de Honor (Honorary Member) de la Sociedad Española de Nefrología**
15. **2023 Honorary International Member** of the Japanese Society of Nephrology
16. **2023 Best Spanish Nephrologist**, Merco - Observatorio de Salud (OdS) award, based on reputation among colleagues

#### **4. RESEARCH INTERESTS**

Pathogenesis and treatment of kidney injury with emphasis on acute kidney injury

Glomerular disease, podocyte injury, diabetic kidney disease

Genetic kidney diseases (Fabry disease, polycystic kidney disease, Participant in ERBP, KDIGO and SENEPRO guidelines, controversies and guidance documents)

Pathogenesis and treatment of chronic kidney disease complications, including cardiovascular disease

Phosphate and aging, phosphate binders, CKD-MBD

Dietary potassium and microbiota

#### **5. RESEARCH PROJECTS**

Principal Investigator for National and European Union Competitive Research Projects since 1998. Most recent:

1. PI19/00815 (ISCIII). New approaches to tissue protection in kidney disease. 2020-2022
2. PI22/00050 (ISCIII) Promoviendo las defensas endógenas frente a la enfermedad renal. 2023-2025
3. ISCIII international. ERA-PerMed-JTC2022 AC22/00027. SPAREKID. Multi-markers risk assessment of kidney sensitivity to injury to personalize prevention of acute kidney injury 2023-2025
4. Instituto de Salud Carlos III (ISCIII) Medicina Precisión programa PMP21/00109 Spain CKD cause (SPACKDc) 2022-2025
5. Comunidad de Madrid en Biomedicina P2022/BMD-7223, CIFRA\_COR-CM2023-2025
6. National Coordinator. ISCIII RETIC RD16/0009/0001. Red Nacional de Investigación en Enfermedades renales (RETIC REDINREN) 2013-2016, 2017-2022
7. National Coordinator. ISCIII RICORS RD21/0005/0001. Red Nacional de Investigación en Enfermedades renales (RICORS2040) 2022-2024
8. KitNewCare, Project ID: 101137054, Call: HORIZON-HLTH-2023-CARE-04., Programme: HORIZON. DG/Agency: HADEA. Coordinator: Brett Duane. 2024-2027
9. PREVENTCKD Consortium Project ID: 101101220 Programme: EU4H DG/Agency: HADEA 2023-2025
10. Management committee. COST action CA21165 - Personalized medicine in chronic kidney disease (PerMediK) 2023-2026

#### **5. PATENTS AND PATENT APPLICATIONS**

9 on new approaches to risk stratification or therapy of kidney diseases

## **7. PUBLICATIONS**

### **7.1. Journals:**

#### **7.1.1. h-index**

- 101 in ISI-WOK, citations: 91 500
- 122 in Google Scholar, i10-index 697, citations >162 000
  - <https://scholar.google.com/citations?user=1IKOVx0AAAAJ>

#### **7.1.2. Ranked 4 out of >200,000 Kidney experts by Expertscape (March 2024)**

#### **7.1.3. Publications in peer-reviewed journals: 927 in English, 102 in Spanish**

## **8. SERVICE TO THE EUROPEAN RENAL ASSOCIATION (ERA, formerly ERA-EDTA)**

1. Clinical Nephrology Governance Chair/Chair of the Registry (2021-25)
2. Clinical Science Chair-elect (2025-2027)
3. ERA-EDTA Congress
  - a. Abstract Reviewing or Paper Selection Committee 2014-24
  - b. Scientific Committee 2015-2025
  - c. Chair of the Scientific Committee 2019 (Budapest)
4. Ordinary Council Member 2014-2017
5. Working Group EURECA-m Auditor 2010-2012, Secretary 2012-2018, Board Member 2019-2021
6. Website Committee Chair 2015-2017
7. Clinical Kidney Journal CKJ Editor-in-Chief 2013-2017, 2017-2022
8. Scientific advisory board (SAB) Member 2014-2018
9. Nephrology Dialysis Transplantation Associate Editor 2014-2017
10. Press Validation Committee 2015-2017
11. Green Nephrology Committee 2018-2019
12. European Renal Best Practice 2018-
13. Several ERA-EDTA Mentorships for basic research and clinical grant awardees

## **9. SERVICE TO THE INTERNATIONAL SOCIETY OF NEPHROLOGY (ISN)**

1. World Congress of Nephrology 2025 (WCN'25) Scientific Program Working Group (SPWG) Theme editor

## **10. SERVICE TO THE SPANISH SOCIETY OF NEPHROLOGY (SENEFRO)**

1. Council member (2014-2017, 2018-2020)

## **11. SERVICE TO THE MADRID SOCIETY OF NEPHROLOGY (SOMANE)**

1. Council member (2021-25)

## **12. ADVOCACY WORK**

1. European Kidney Health Alliance (EKHA) working group member, representing ERA.
2. Global Patient Alliance for Kidney Health (GloPAKH) Medical Advisory Council member 2024-