

CURRICULUM VITAE

2026

Demetrios V. Vlahakos, M.D., Ph.D

PERSONAL DATA:

Address:

Home: 12 Omerou Str.,
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Work: Professor Emeritus of Medicine and Nephrology
National and Kapodistrian University
Athens Medical School
Athens, Greece

Visiting Professor European University Cyprus
Nicosia Cyprus

Bioiatriki Group
Chair, Scientific Committee
Leof. Kifisias 132, Athens 115 26
Greece

**Date and Place
of Birth:**

January 16, 1954
Neo Psychiko, Athens, Greece

Marital Status:

Married to K. P. Marathias, M.D.
Pulmonologist and Intensivist
Children: Vassilios, 39, M.D. and
Maria-Sylvia, 35, Pharmacist,

EDUCATION:

A) High School:

Varvakios Model School, 1972
Diploma, Suma cum Laude

B) Medical School:

Athens University School of Medicine
Degree: M.D., Suma cum Laude, 1978

C) Ph. D :

Patras University School of Medicine
Degree: Suma Cum Laude, 1988

SCHOLARSHIPS - AWARDS:

1972

National Scholarship Foundation Award
13th position in the National

Introductory Examinations for entry into the Medical School.

1972-1978
(6 YEARS)

Papadakis Foundation Award
for Medical Education
Athens University
Scholarship Division

1983 - 1984
(2 YEARS)

C. Kriezis Foundation Award
for Postgraduate Studies in USA
Athens University
Scholarship Division

MILITARY SERVICE :

1979 - 1980
(2 YEARS)

Lieutenant, Greek Army Medical Corps

PROFESSIONAL EXPERIENCE:

1973-1975
(2 YEARS)

Research Associate in Biochemistry
Athens Univ. Medical School

1979-1980
(1 YEAR)

Lieutenant, Greek Army Medical Corps
Director, Medical Services

1980-1981
(1 YEAR)

Resident in Internal Medicine
NIMTS General Hospital
Athens, Greece

1981-1982
(1.5 YEARS)

Fellow in Cardiology
"Agios Andreas" General Hospital
Patras, Greece

1982-1984
(1.5 YEARS)

Fellow in Hypertension
Boston University School of Medicine
Boston City Hospital
Boston, MA, USA.

1984-1986
(2 YEARS)

Resident in Internal Medicine
Salem Hospital
Salem, MA, USA.

1986-1988
(2 YEARS)

Clinical Fellow in Nephrology
Division of Nephrology
New England Med Center Hospitals
Boston, MA, USA

1988-1990
(2 YEARS)

Instructor in Medicine
Division of Nephrology
Tufts University School of Med
Boston, MA, USA

1990-1991

Fellow in Transplantation

(1 YEAR)	and Immunogenetics Division of Nephrology Brigham and Women's Hospital Harvard University School of Med Boston, MA, USA
1991-1993 (2 YEARS)	Attending Physician Division of Nephrology Patras University Hospital Rio, Patras, Greece
1993-97 (3 YEARS)	Assistant Professor of Nephrology Patras University Hospital Patras University School of Med Rio, Patras, Greece
1995-2026 (31 YEARS)	Chief Consultant in Medicine and Nephrology Onassis Cardiac Surgery Center Athens, Greece
2000-2003 (3 YEARS)	Assistant Professor of Nephrology Aretaieon University Hospital Athens University School of Medicine Athens, Greece
2003-2007 (4 YEARS)	Assistant Professor of Nephrology Founder and Director, Renal Unit Attikon University Hospital Haidari, Greece
2007-2013 (6 YEARS)	Associate Professor of Nephrology Director, Renal Unit Attikon University Hospital Haidari, Greece
2013-2021 (8 YEARS)	Professor of Nephrology Director, Renal Unit Attikon University Hospital Haidari, Greece
2022-	Professor Emeritus of Medicine and Nephrology Chief Consultant in Nephrology and Hypertension Bioiatriki Visiting Professor, European University Cyprus

DIPLOMAS - LISCENCES - CERTIFICATES

1978	Medical Doctor (M.D.), Cum Laude
1978	Permanent Liscence in Greece
1982	ECFMG (Score: 84/100)
1983	Visa Qualifying Exam (VQE)

1986	FLEX (Scores: Preclinical : 86/100 Clinical : 89/100)
1987	Permanent Liscence in Massachusetts
1988	Diplomate in Internal Medicine Score: 89/100 American Board of Internal Med
1988	Instructor in Medicine Tufts University School of Medicine
1988	Doctor of Science, Cum Laude Patras University School of Med
1989	Diplomate in Internal Medicine Greek Ministry of Health
1989	Diplomate in Nephrology Greek Ministry of Health
1990	Diplomate in Nephrology Score: 85/100 American Board of Internal Med
1993	Assistant Professor of Nephrology Patras University School of Med Rio, Patras, Greece
2000	Assistant Professor of Medicine and Nephrology Athens University School of Medicine Athens, Greece
2007	Associate Professor of Medicine and Nephrology Athens University School of Medicine Athens, Greece
2013	Professor of Medicine and Nephrology Athens University School of Medicine Athens, Greece
2022	Professor Emeritus of Medicine and Nephrology Athens University School of Medicine Athens, Greece

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS / SOCIETIES:

1978	Athens Medical Association
1982	Patras Medical Association
1983	Hellenic Scientists Association of Boston
1984	New England Hellenic Medical and Dental Society (Elected President for 1989 & 1990)

1984	Massachusetts Medical Society
1986	American Medical Association
1988	New York Academy of Science
1990	American College of Physicians
1990	American Society of Nephrology
1992	Hellenic Society of Nephrology
1993	Hellenic Renal Association
1996	Hellenic Hypertension Society
1996	Hellenic Foundation of Osteoporosis
2000	European Renal Association – European Dialysis and Transplant Society
2001	International Society of Nephrology
2002	European Society of Hypertension
2004	Hellenic College of Nephrology and Hypertension (President, 2012-2014)
2004	Hellenic Society for the study of Metabolic Syndrome
2008	Hellenic Diabetic Society
2011	Society for the study of Cardiovascular Risk Factors
2011	Hellenic Society for Hypertension

BIBLIOGRAPHY

Selected Published Manuscripts in English Medical Journals

1. **H. Gavras, G.T. Bain, D. V. Vlahakos, L. Bland and I. Gavras.** Hypertensive response to saline microinjection in the area of the Nucleus Tractus Solitarii of the rat. *Brain Research*, 343:113-119, 1985.
2. **D. V. Vlahakos, I. Gavras, and H. Gavras.** α -Adrenoceptor agonists applied in the area of the Nucleus Tractus Solitarii in the rat: effect of anesthesia on the cardiovascular responses. *Brain Research*, 347:372-375, 1985.
3. **D. V. Vlahakos and H. Gavras.** Central sympathetic stimulation produced by saline application into the nucleus tractus solitarii area of conscious rats. *Neuroscience Letters*, 92:335-340, 1988.

4. ***D.V. Vlahakos, V.J. Canzanello, M.P. Madaio and N.E. Madias.** Enalapril-associated anemia in renal transplant recipients treated for hypertension. *Am J Kidney Diseases*, 17(2):199-205, 1991.
5. ***D. V. Vlahakos, M. H. Foster, A. Ucci, K. J. Barrett, S. K. Datta, and M.P. Madaio.** Murine monoclonal anti-DNA antibodies penetrate cells, bind to nuclei, and induce glomerular proliferation and proteinuria in Vivo. *J. Am. Soc. Nephrol.* 2:1345-1354, 1992.
6. ***D. V. Vlahakos, M. H. Foster, S. Adams, ì. Katz, A. A. Ucci, K.J. Barrett, S.K. Datta and M.P. Madaio.** Anti-DNA antibodies form immune deposits at distinct glomerular and vascular sites. *Kidney International*, 41:1690-1700, 1992.
7. ***D.V. Vlahakos, C. Balodimos, V. Papachristopoulos, P. Vassilakos, E. Hinari and J.G. Vlachojannis.** Renin-angiotensin system stimulates erythropoietin secretion in chronic hemodialysis patients. *Clin. Nephrol.* 43(1):53-59, 1995.
8. ***D. V. Vlahakos, G. Hahalis, P. Vassilakos, K.P. Marathias and S. Geroulanos.** Relationship between left ventricular hypertrophy and plasma renin activity in chronic hemodialysis patients. *J. Am. Soc. Nephrol.* 8:1764-1770, 1997.
9. ***D.V. Vlahakos, E.N. Cosmas, I. Dimopoulou, E. Economou, G. Jullien, P. Vassilakos and K.P. Marathias.** Association between activation of the Renin-Angiotensin System and secondary erythrocytosis in patients with COPD. *Am J Med*, 106:158-64, 1999 .
10. **D. V. Vlahakos, K.P. Marathias, E. N. Kosmas.** Losartan reduces hematocrit in patients with chronic obstructive pulmonary disease and secondary erythrocytosis. *Ann Intern Med.* 134(5):426-7, 2001.
11. ***D.V. Vlahakos, K.P. Marathias, B. Agroyannis, N.E. Madias.** Posttransplant Erythrocytosis. *Kidney Int.*; 63(4):1187-94, 2003
12. **L.J. Papadimitriou, K.P. Marathias, P.E. Alivizatos, A. Michalis, G.M. Palatianos, G.T. Stavridis, Th. Demesticha, Th. Koussi, B. Agroyannis, and D.V. Vlahakos.** Safety and Efficacy of off-pump Coronary Artery Bypass Grafting in chronic dialysis patients. *Artif Organs.* 27(2):173-179, 2003.
13. **B. Agroyannis, C. Fourtounas, H. Tzanatos, A. Kapetanaki, A. Dalamangas and D.V. Vlahakos.** Pre-HD dilution acidosis without post-HD contraction alkalosis in uremic patients. *Int Art Organs*, 26(2):135-8, 2003.
14. **B. Agroyannis, C. Fourtounas, H. Tzanatos, A. Kapetanaki, M. Skiadas, A. Dalamangas, D.V. Vlahakos.** Changes in apparent bicarbonate space (ABS) in uremic patients under hemodialysis. *Dialysis & Transplantation* , 32(11):2-5, 2003.
15. **P. Zoumpoulakis, A. Zoga, P. Roumelioti, N. Giatas, S.G. Grdadolnik, E. Iliodromitis, D. Vlahakos, D. Kremastinos, J.M. Matsoukas, T. Mavromoustakos.** Conformational and biological studies for a pair of novel synthetic AT1 antagonists: stereoelectronic requirements for antihypertensive efficacy. *J Pharm Biomed Anal.* 31(5):833-44, 2003.
16. **P. Moutevelis-Minakakis, M. Gianni, H. Stougiannou, P. Zoumpoulakis, A. Zoga, D.V. Vlahakos, E. Iliodromitis, T. Mavromoustakos.** Design and synthesis of novel antihypertensive drugs. *Bioorg Med Chem Lett.* 13(10):1737-40, 2003.
17. **K.P. Marathias, B. Agroyannis, T. Mavromoustakos, J. Matsoukas and D.V. Vlahakos.** Hematocrit-Lowering effect following inactivation of Renin-Angiotensin System with angiotensin converting enzyme inhibitors and angiotensin receptor blockers. *Curr Top Med Chem.* 4(4):483-6, 2004.
18. **T. Mavromoustakos, M. Zervou, P. Zoumpoulakis, I. Kyrikou, N.P. Benetis, L. Polevaya, P. Roumelioti, N. Giatas, A. Zoga, P.M. Minakakis, A. Kolocouris, D. Vlahakos, S.G.**

Grdadolnik, J. Matsoukas. Conformation and bioactivity. Design and discovery of novel antihypertensive drugs. *Curr Top Med Chem.* 4(4):385-401, 2004.

19. **I.A. Paraskevaidis, E.K. Iliodromitis, D.V. Vlahakos, D. Tsiapras, A. Nikolaidis, A. Marathias, A. Mihalidis, D.Th. Kremastinos.** Deferoxamine infusion during coronary artery bypass grafting ameliorates lipid peroxidation and protects the myocardium against reperfusion injury: immediate- and long-term significance *Eur Heart J.* 26(3):263-70, 2005.
45. **Marathias KP, Vassili M, Robola A, Alivizatos PA, Palatianos GM, Geroulanos S, Vlahakos DV.** Preoperative intravenous hydration confers renoprotection in patients with chronic kidney disease undergoing cardiac surgery. *Artif Organs.* 2006 Aug;30(8):615-21.
46. **Brountzos EN, Tavernaraki K, Gouliamos AD, Degiannis D, Chaidaroglou A, Panagiotou I, Arsenis G, Kelekis D, Vlahakos D.** Systemic inflammatory response to renal artery percutaneous angioplasty with stent placement and the risk for restenosis: a pilot study. *J Vasc Interv Radiol.* 2009 Feb;20(2):186-91. Epub 2008 Dec 12.
47. **Christopoulos PD, Katsoudas S, Androutaki A, Nakopoulou L, Economopoulos T, Vlahakos DV.** T-cell large granular lymphocyte leukemia presenting as end-stage renal disease: the diagnostic role of flow-cytometric and clonality analysis of the urine sediment. *Clin Nephrol.* 2009 Feb;71(2):198-202.
48. **Brountzos E, Syrgiannis K, Panagiotou I, Nikolaos K, Kalogeropoulou S, Balanika A, Tzavara C, Vlahakos D.** Ultrasonographic alterations in Achilles tendon in relation to parathormone in chronic hemodialysis patients. *J Nephrol.* 2009 Jul-Aug;22(4):476-83
49. **Sonikian M, Metaxaki P, Papavasileiou D, Boufidou F, Nikolaou C, Vlassopoulos D, Vlahakos DV.** Effects of interleukin-6 on depression risk in dialysis patients. *Am J Nephrol.* 2010;31(4):303-8.
50. **Vlahakos DV, Marathias KP, Madias NE.** The role of the renin-angiotensin system in the regulation of erythropoiesis. *Am J Kidney Dis.* 2010 Sep;56(3):558-65
56. **D. Vlahakos, N. Arkadopoulos, G. Kostopanagiotou, S. Siasiakou, L. Kaklamanis, D. Degiannis, M. Demonakou, V. Smyrniotis.** Deferoxamine attenuates lipid peroxidation, blocks IL-6 production, ameliorates SIRS and confers renoprotection after acute hepatic ischemia in pigs. *Artif Organs.* 2012 Apr;36(4):400-8.
57. **Flevari P, Kalogeropoulou S, Drakou A, Leftheriotis D, Panou F, Lekakis J, Kremastinos D, Vlahakos DV.** Spirolactone improves endothelial and cardiac autonomic function in non heart failure hemodialysis patients. *J Hypertens.* 2013 Jun;31(6):1239-44
76. **Hatziioanou D, Barkas G, Critselis E, Zoidakis J, Gakiopoulou H, Androutsou ME, Drossopoulou G, Charonis A, Vlahakos DV.** Chloride Intracellular Channel 4 Overexpression in the Proximal Tubules of Kidneys from the Spontaneously Hypertensive Rat: Insight from Proteomic Analysis.
77. **Marathias KP, Lambadiari VA, Markakis KP, Vlahakos VD, Bacharaki D, Raptis AE, Dimitriadis GD, Vlahakos DV.** Competing Effects of Renin Angiotensin System Blockade and Sodium-Glucose Cotransporter-2 Inhibitors on Erythropoietin Secretion in Diabetes. *Am J Nephrol.* 2020;51(5):349-356.
78. **Vlahakos VD, Marathias KP, Arkadopoulos N, Vlahakos DV.** Hyperferritinemia in patients with COVID-19: An opportunity for iron chelation? *Artif Organs.* 2021 Feb;45(2):163-167