

Ziad A. Massy

Short Curriculum Vitae



First and Last Name: Ziad A. Massy, **Date of Birth:** 03/08/1959, **Age:** 56 years

Address:

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Current professional functions: Professor of Nephrology and Head of the Division of Nephrology at the Paris Ouest University (UVSQ)-Ambroise Paré Hopsital, Paris, and Co-Director of Research Unit INSERM U-1018 at the UVSQ, Versailles, France

Cursus and professional experiences:

- Since January 1, 2015, Co-Director of Research Unit INSERM U-1018 at the UVSQ, Versailles, France
- Since September 1, 2012: Professor of Nephrology and Head of the Division of Nephrology at the Paris Ouest University (UVSQ)- Ambroise Paré Hopsital,, Paris, France
- 2005-2014: Director of Research Unit INSERM U-1088 at the UPJV, Amiens
- Since May 3, 2010 to September 12012: Vice Director of Amiens University Hospital (Research)
- Since January 1, 2008 to September 1 2012: Coordinator of Clinical Research Centre Amiens University hospital
- September 1, 2003 to September 12012: Professor of Pharmacology at the University of Picardie Jules Verne, Staff Physician of the Nephrology Department at Amiens University Hospital

Nov 14 2015

- 2002-2003: Associated Professor of Pharmacology, Picardie-Jules Verne University, Staff Physician of the Nephrology Department at Amiens University Hospital
- 2001: Research Habilitation, University of Picardie Jules Verne, Amiens, France
- 2000: PhD, Paris-V University, Paris, France.
- 1996-2002: Praticien hospitalier of Nephrology, Nephrology Division, and Research associate, INSERM U90/507, Necker Hospital, Beauvais-Paris, France
- 1994-1996: Research fellow in Division of Nephrology, Department of Medicine, and Minnesota Medical Research Foundation, Hennepin County Medical Centre, University of Minnesota, Minneapolis, Minnesota, USA
- 1991-1994: Praticien hospitalier, Nephrology Division, Beauvais Hospital, and Research associate, INSERM U90, Necker Hospital, Beauvais-Paris, France.
- 1989-1990: Assistant (Chef de Clinique Assistant Ass), Renal Transplantation Division, Necker Hospital, Paris, France.
- 1986-1989: Fellow, and awarded fellow in Nephrology Department and Urinary Radiology Division, Necker Hospital, Paris, France.
- 1986: CES (Certificate of Special Studies) in Nephrology, Paris-V University Medical School, Paris, France.
- 1982-1986: Resident in Internal Medicine, Intensive care, and Nephrology-Dialysis in 2 University Hospitals: Necker hospital, and Amiens University Hospital, Paris-Amiens, France.

Award :

- Young Investigator Award from the National Kidney Foundation of the Upper Midwest 1995 (Project entitled: Role of dolichol on mesangial cell proliferation).
- Société de Néphrologie bourse Amgen Oct 2006 (Etude de la circulation cérébrale chez la souris invalidée pour le gène de l'apolipoprotéine E avec et sans insuffisance rénale)
- Fondation du Rein Award 2010
- Hungarian Society of Nephrology Korany Award 2015

Editorial Boards

- Brazilian Journal of nephrology (**Editorial board since 2015**)
- Journal of the Egyptian Society of Nephrology and Transplantation (**Editorial board since 2015**)
- Kidney International (**Editorial board since 2009**)
- BANTAO Journal (**Editorial board since 2009**)
- Néphrologie et Thérapeutique (**Editorial board since 2005, Editor in Chief since 2007 until Oct 2010**).
- Nephrology Dialysis Transplantation (**Editorial board since 1999**)
- Nephron-Clinical Practice (**Editorial board between 2003 - 2008**)
- Journal of Renal Nutrition (**Editorial board since 2003**)
- Journal of Nephrology (**Editorial board since 2004**)
- Hypertension Dialysis and Clinical Nephrology ([www.hdcn.com], **Editorial board since 1997**)
- Nephrology Dialysis Transplantation-Educational ([www.NDT-Educational.org], **Editorial board 2002 -2014**)

Scientific Societies and Working groups :

- Since January 2016 member of **KDIGO Executive Committee**
- Since May 2011: member of **ERA-EDTA** Council, former Chair of the ERA-EDTA International Committee (until May 2013), **Chairman of the European Registry (since May 2015)**
- Since Oct 2012: Core-member of the **CKD-MBD WG** Working Group Advisory Board
- Sept 2010 – Dec 2014: Board of the Council of **EVBO** (European Vascular Biology Organisation)
- Since June 2010: Core-member of the **EURECAM** (European REnal and CARdiovascular MEdicine) Working Group Advisory Board
- Since 1999: Member of the European Uremic Toxins (**EUTox**) group and **Former Co-Chairman 2008- 2011**
- Member of the French Society of Pharmacology since 2003
- Member of the ERA-EDTA since 2002
- Member of the American Society of Nephrology since 1995
- Member of the International Society of Nephrology since 1994.
- Member of the French Society of Nephrology since 1990, and **member of Council (2008 -2014)**

Selected Recent Publications:

Index H: 50, Publications Medline total n= 320

1. Rossignol P, **Massy ZA**, Azizi M, Bakris G, Ritz E, Covic A, Goldsmith D, Heine GH, Jager KJ, Kanbay M, Mallamaci F, Ortiz A, Vanholder R, Wiecek A, Zoccali C, London GM, Stengel B, Fouque D; ERA-EDTA EURECA-m working group; Red de Investigación Renal (REDINREN) network; Cardiovascular and Renal Clinical Trialists (F-CRIN INI-CRCT) network. The double challenge of resistant hypertension and chronic kidney disease. **Lancet** 2015 Oct 17;386(10003):1588-98
2. Liabeuf S, Desjardins L, Diouf M, Temmar M, Renard C, Choukroun G, **Massy ZA**. The Addition of Vascular Calcification Scores to Traditional Risk Factors Improves Cardiovascular Risk Assessment in Patients with Chronic Kidney Disease. **PLoS One** 2015 Jul 6;10(7):e0131707
3. Gross P, **Massy ZA**, Henaut L, Boudot C, Cagnard J, March C, Kamel S, Drueke TB, Six I. Paracresyl sulfate acutely impairs vascular reactivity and induces vascular remodeling. **J Cell Physiol** 2015 Dec;230(12):2927-35
4. Six I, Okazaki H, Gross P, Cagnard J, Boudot C, Maizel J, Drueke TB, **Massy ZA**. Direct, acute effects of Klotho and FGF23 on vascular smooth muscle and endothelium. **PLoS One** 2014;9(4):e93423.
5. Barreto FC, de Oliveira RB, Benchitrit J, Louvet L, Rezg R, Poirot S, Jorgetti V, Drueke TB, Riser BL, **Massy ZA**. Effects of pyrophosphate delivery in a peritoneal dialysis solution on bone tissue of apolipoprotein-E knockout mice with chronic kidney disease. **J Bone Miner Metab** 2014 Jan 21. [Epub ahead of print]
6. Louvet L, Büchel J, Stepan S, Passlick-Deetjen J, **Massy ZA**. Magnesium prevents phosphate-induced calcification in human aortic vascular smooth muscle cells. **Nephrol Dial Transplant** 2013;28(4):869-78
7. Baigent C, Landray MJ, Reith C, Emberson J, Wheeler DC, Tomson C, Wanner C, Krane V, Cass A, Craig J, Neal B, Jiang L, Hooi LS, Levin A, Agodoa L, Gaziano M, Kasiske B, Walker R, **Massy ZA**, Collins R; SHARP Investigators. The effects of lowering LDL cholesterol with simvastatin plus ezetimibe in patients with chronic kidney disease (Study of Heart and Renal Protection): a randomised placebo-controlled trial. **Lancet**. 2011;377(9784):2181-92

Nov 14 2015

8. Barreto DV, Barreto FC, Liabeuf S, Temmar M, Lemke HD, Tribouilloy C, Choukroun G, Vanholder R, **Massy ZA**. Plasma interleukin-6 is independently associated with mortality in both hemodialysis and pre-dialysis patients with chronic kidney disease. **Kidney Int** 2010; 77: 550-6.
9. Maizel J, Six I, Slama M, Tribouilloy C, Sevestre H, Poirot S, Giummelly P, Atkinson J, Choukroun G, Andrejak M, Kamel S, Mazière JC, **Massy ZA**. Mechanisms of Aortic and Cardiac Dysfunction in Uremic Mice With Aortic Calcification. **Circulation** 2009 20;119(2):306-13
10. Ivanovski O, Nikolov IG, Joki N, Caudrillier A, Phan O, Mentaverri R, Maizel J, Hamada Y, Nguyen-Khoa T, Fukagawa M, Kamel S, Lacour B, Drüeke TB, **Massy ZA**. The calcimimetic R-568 retards uremia-enhanced vascular calcification and atherosclerosis in apolipoprotein E deficient (apoE(-/-)) mice. **Atherosclerosis** 2009;205(1):55-62.
11. Mozar A, Haren N, Chasseraud M, Louvet L, Mazière C, Wattel A, Mentaverri R, Morlière P, Kamel S, Brazier M, Mazière JC, **Massy ZA**. High extracellular inorganic phosphate concentration inhibits RANK-RANKL signaling in osteoclast-like cells. **J Cell Physiol**. 2008;215(1):47-54
12. Weissinger EM., Nguyen-Khoa T, Fumeron C, Saltiel C, Walden M, Kaiser T, Mischak H, Drüeke TB, Lacour B., **Massy ZA** Effects of oral vitamin C supplementation in hemodialysis patients - a proteomic assessment. **Proteomic** : 2006 ;6(3):993-1000.
13. Phan O, Ivanovski O, Nguyen-Khoa T, Mothu N, Angulo J, Westenfeld R, Ketteler M, Meert N, Maizel J, Nikolov I, Vanholder R, Lacour B, Drüeke TB, **Massy ZA**. Sevelamer prevents uremia-enhanced atherosclerosis progression in apolipoprotein E deficient (apoE(-/-)) mice **Circulation** 2005; 112;2875-2822
14. **Massy ZA**, Ivanovski O, Nguyen-Khoa T, Angulo J, Szumilak D, Mothu N, Phan O, Daudon M, Lacour B, Drueke TB, Muntzel MS. Uremia accelerates both atherosclerosis and arterial calcification in apolipoprotein E knockout mice. **J Am Soc Nephrol**. 2005;16(1):109-16.