

Sola Aoun Bahous, M.D., Ph.D.

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Dr. Sola Aoun Bahous is an Associate Professor of Medicine at the Lebanese American University School of Medicine and she holds the position of Assistant Dean for Clinical Affairs at the School.

Dr. Aoun Bahous is holder of an MD degree from the Lebanese University Faculty of Medical Sciences (1995), and a PhD degree in Cardiovascular Pharmacology from Pierre and Marie Curie University, France (2005). She is a nephrologist by training and is currently practicing at the Lebanese American University Medical Center – Rizk Hospital. Her clinical work concentrates on hypertension, cardiovascular risk prevention, and renal transplantation.

Her academic interests span the field of medical education and she is currently pursuing a Masters Degree in Health Professions Education at the University of Illinois at Chicago, USA.

Her research interest focuses on the function of the large arterial system in renal diseases, especially in renal transplantation. She published many papers in that domain and co-authored book chapters addressing renal and vascular functions. She is also involved in research in medical education.

She believes that the world is globally witnessing a move towards violence in every respect: moral, physical, and verbal; and even in silence there is sometimes a hidden violence.

She joined the Board of Trustees of AUNOHR with a strong faith in the power of creating agents of change towards peace, to become a state of mind.

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CURRICULUM VITAE – December 2016

Specialty/Subspecialty: Nephrology/Hypertension/Cardiovascular
Pharmacology

Languages: Arabic, French, and English: proficiency in reading,
speaking and writing

Education

<u>Date</u>	<u>Degree/Diploma</u>	<u>Major/Discipline</u>	<u>Institution</u>
1995	MD	Medicine	Lebanese University, Lebanon
1997	Specialty Diploma	Internal Medicine	Lebanese University, Lebanon
1999	Specialty Diploma	Nephrology	Lebanese University, Lebanon
<u>Date</u>	<u>Degree/Diploma</u>	<u>Major/Discipline</u>	<u>Institution</u>
2000	M.Sc.	Cardiovascular Pharmacology	Claude Bernard University of Lyon, France
2001	University Diploma	Statistics applied to Medicine	CESAM, France
2005	PhD	Cardiovascular Pharmacology	Pierre and Marie Curie University, Paris VI, France
2014-2017	Masters	Health Professions education	University of Illinois at Chicago

Post-Graduate Training:

<u>Date</u>	<u>Level</u>	<u>Specialty</u>	<u>Institution</u>
July 1994 – June 1995	PGY 1	Internal Medicine	Sacré-Coeur Hospital - Lebanese University
July 1995 – June 1997	PGY 2 and 3	Internal Medicine	Saint-Georges Hospital - Lebanese University

September 1997	PGY 3	Flow Cytometry	Hôtel-Dieu de France - Lebanon
July 1997- June 1999	Fellow years 1 and 2	Nephrology	Rizk Hospital, Lebanese University, Lebanon
Oct – Nov 1998	Fellow year 2	Nephrology	University of Maryland Medical System, Baltimore, Maryland, USA
Feb – March 1999	Fellow year 2	Nephrology/Hypertension	American University of Beirut Medical Centre, Lebanon
July 1999 – October 2000	Fellow year 3	Hypertension	Broussais Hospital, Paris, France
Oct 2000 – Sept 2001	Post-Fellowship	Statistics in Medicine – Distance Learning	CESAM, France
<i>Date</i>	<i>Level</i>	<i>Specialty</i>	<i>Institution</i>
Sept 2001 – Sept 2005	Doctorate student	Cardiovascular Pharmacology	Pierre and Marie Curie, University Paris VI, France

Professional Licenses:

<i>Type</i>	<i>Date awarded</i>
Practice of Medicine	1995
Practice of Internal Medicine	1997
Practice of Nephrology	1999

Academic Appointments:

<i>Date from</i>	<i>Date to</i>	<i>Position</i>	<i>School</i>	<i>Institution</i>
March 2011	present	Assistant Dean for Clinical Affairs	School of Medicine	Lebanese American University (LAU)
October 2011	present	Associate Professor of Medicine	School of Medicine	LAU
July 2008	Sept 2011	Assistant Professor of Medicine	School of Medicine	LAU

July 2008	present	Pharmacology Course Director	School of Medicine	LAU
July 2008	present	Nephrology Module Coordinator	School of Medicine	LAU
2009	2010	Director of Clinical Research activity	School of Medicine	LAU
Sept 2007	June 2008	Coordinator of Medical Education	School of Medicine	Balamand University
Sept 2005	June 2008	Pharmacology Course Director	School of Medicine	Balamand University
2001	2005	Part time faculty	School of Medicine	Balamand University

Hospital Appointments:

<i>Date from</i>	<i>Date to</i>	<i>Position</i>	<i>Department</i>	<i>Institution</i>
March 2011	present	Full time/Physician	Internal Medicine/Nephrology	LAUMC Rizk Hospital
Oct 2000	March 2011	Full time/Physician	Internal Medicine/Nephrology	Centre Hospitalier du Nord – North Lebanon
Oct 2005	March 2011	Head, Hypertension Division	Internal Medicine/Nephrology	Centre Hospitalier du Nord – North Lebanon

Hospital Committees:

<i>Date from</i>	<i>Date to</i>	<i>Name of Committee</i>	<i>Position</i>	<i>Hospital</i>
May 2015	Dec 2015	JCI Education Chapter	Chair	LAUMC - Rizk Hospital
2011	2013	Strategic Planning/Residency Program Goal	Member	LAUMC - Rizk Hospital
2007	March 2011	Morbidity - Mortality	Member	Centre Hospitalier du Nord – North Lebanon

2007	March 2011	Pharmacology and drug disposal	Member	Centre Hospitalier du Nord – North Lebanon
2009	March 2011	Ethics Committee	Member	Centre Hospitalier du Nord – North Lebanon
2009	2010	UMCRH nephrology Division Assessment Subcommittee	Member	LAUMC - Rizk Hospital

University Committees:

<i>Date from</i>	<i>Date to</i>	<i>Name of Committee</i>	<i>Position</i>	<i>Institution</i>
2016	Present	LAU Strategic Planning III – Pillar 1	Member	LAU
2016	present	School of Medicine Steering Committee	Member	LAU
2016	2016	Peer Evaluation Committee for the Graduate Studies and Research Fund	Member	LAU
2015	2016	Search Committee for the position of Dean of Nursing	Chair	LAU
2015	present	School of Medicine Strategic Planning Steering Committee	Member	LAU
2013	2014	University accreditation by NEASC self-study: standards 4.48-4.55 (assessment of student learning and institutional effectiveness)	Chair	LAU
2010	2011	Committee on International Accreditation of Academic Programs	Chair	LAU
2009	present	Admission's Board	Member	LAU School of Medicine

2009	2014	Examination Review Subcommittee	Coordinator (by rotation)	LAU School of Medicine
2008	present	Academic Policies	Chair (Med III and IV)	LAU School of Medicine
2011	present	Clinical years curriculum Subcommittee	Chair	LAU School of Medicine
2009	2010	PBL Review Committee	Member	LAU School of Medicine
2009	present	Student Promotion Board	Member (for Med I and II and Convener for Med III and IV)	LAU School of Medicine
2009	2013	University Admission Council	Member	LAU School of Medicine
2010	2013	University Library and Information Resources Council	Member	LAU School of Medicine
2010	present	University Library and Schools Liaison Program	SOM Liaison	LAU School of Medicine
2008	2011	Student Affairs	Coordinator	LAU School of Medicine
2009	2010	Cardiovascular research group (CVRG) bylaws	Member	LAU School of Medicine
2009	2010	CVRG Clinical Research Centre	Coordinator	LAU School of Medicine
2009	2010	CVRG Scientific Projects	Member	LAU School of Medicine
2009	2010	UMCRH Nephrology Division Assessment Subcommittee	Member	LAU School of Medicine
2003	2008	Med I Teaching Committee	Member	Balamand School of Medicine
2003	2008	Med II Teaching Committee	Member	Balamand School of Medicine

Honors and Awards:

<i>Year</i>	<i>Description</i>	<i>Award Body</i>
2016	Best Paper Award of the Assessment and Instruction Course	University of Illinois at Chicago – Department of Medical Education
2015	Top Performer in Graduate Studies – Invitation to join the Honor Society	Golden Key International Honor Society
2005	Honor grade on PhD Thesis	Pierre et Marie Curie, Paris, France

Membership in Professional Societies:

<i>Year</i>	<i>Society</i>
2015-present	Association of Medical Education in Europe (AMEE)
2011 - present	American Society of Nephrology
2008 - present	ERA-EDTA (European Renal Association)
2009 - 2011	European Cardiorenal Workstation
2001 - present	Club des Jeunes Hypertensiologues, France
2001 - present	Lebanese Society of Nephrology and Hypertension
1996 - present	Lebanese Order of Physicians
1997 - 1999	New York's Academy of Sciences

Major Professional Service (National):

<i>Year</i>	<i>Service</i>	<i>Place</i>
2016	Currently organizing the third LAU International Conference on Medical Education as a co-chair for the organizing committee	LAU School of Medicine
2016	Invited by Physicians Without Borders to collaborate on a study on compliance with medication prescriptions	Beirut, Lebanon
2016	Invited by the Ministry of Public health as expert to discuss prescribing policies in Lebanon	Beirut, Lebanon

2015	Organized the second LAU International Conference on Medical Education as a co-chair for the organizing committee	LAU School of Medicine
2014	Organized the first LAU International Conference on Medical Education as a co-chair for the organizing committee	LAU School of Medicine
2014	Invited by the Ministry of Higher Education to develop criteria for licensing medical schools in Lebanon	Lebanese Order of Physicians, Lebanon
2012	Invited by the Ministry of Higher Education to develop a National program for teaching organ donation and transplantation in medical schools	Lebanese Order of Physicians, Lebanon
2009	Career orientation to High School grade 12 students during career workshop	Broummana High School, Lebanon
1995	Awareness campaign against consanguineous marriages	North Lebanon and Mount Lebanon (Chouf)
1984	Completion of scholar program (Grades 8 and 9) for refugees to South Lebanon	Jezzine, South Lebanon

Major Research Interest:

- 1- Studies of arterial function in general and specifically in renal (mostly transplant) and nonrenal populations.
- 2- Epidemiologic studies related to cardiovascular risk and outcome.
- 3- Studies on morbidity, mortality and quality of life of patients on hemodialysis.
- 4- Medical education research related to teaching innovation, assessment of learning and program evaluation.

Research Support (as PI or Co-PI):

<i>Year</i>	<i>Funding Sources</i>	<i>PI/Co-PI</i>	<i>Grant Title</i>
2015-2016	Omicron Pharmaceutical	PI	Arterial Stiffness and Vitamin K2 level in renal transplant patients
2013-2016	Tempus	Co-PI	European Mediterranean Postgraduate Program on Donation and Transplantation
2001 - 2005	CEDRE: Coopération pour l'évaluation et le développement de la recherche	PI	Health and Medicine

Teaching Experience:

Lectures/Tutorials/PBLs/Clinical

<i>Date from</i>	<i>Date to</i>	<i>Subject Area</i>	<i>Institution</i>
2014	present	Clinical rounds, lectures, case-discussions, and bed-side teaching to Internal Medicine residents and Nephrology fellows	LAU Medical Center
2012	present	Lectures, tutorials, case discussions, bed-side teaching, problem-based learning, team-based learning, and clinical rounds to Med IV students	LAU Medical Center
2011	present	Lectures, tutorials, case discussions, bed-side teaching, problem-based learning, team-based learning, and clinical rounds to Med III students	LAU School of Medicine and Hospital
2009	present	Lectures, tutorials, Inter-professional education, multidisciplinary rounds, and medication reconciliation rounds in General and System Pharmacology (Med I to IV)	LAU School of Medicine and Hospital
2009	present	Lectures, tutorials, self-directed learning, case-discussions, and flipped classroom in Nephrology and Cardiology (Physiology, Pathophysiology and Pharmacology for Med I and II)	LAU School of Medicine
2009	2014	PBL facilitator	LAU School of Medicine
2009	present	Careers in Medicine	LAU School of Medicine and Hospital
2004	2011	Out-patient and bed-side teaching to Medical Students and Residents in Nephrology, Hypertension and Internal Medicine	Centre Hospitalier du Nord, Zgharta, Lebanon
2000	2009	Vascular Physiology, Renal Physiology, Renal Pathophysiology, Cardiovascular Pharmacology, Renal Pharmacology and Musculoskeletal System Pharmacology for Med I and II	Balamand School of Medicine

1998	1998	Bed-side teaching of Nephrology to Medical Students	University of Maryland Medical System, Maryland, USA
1997	1999	Bed-side teaching of Nephrology to Medical Students, Residents and Nephrology Fellows	Risk Hospital, Beirut, Lebanon

Laboratory Instructions to Medical Students:

<i>Date</i>	<i>Subject</i>	<i>Institution</i>
2009-present	Processing of a Urinary Specimen	LAU School of Medicine

Curricular Reviews, Developments, and Academic Contributions:

1. Development of the LAU School of Medicine Strategic Plan, Pillar I on education, 2016.
2. Development of the LAU School of Medicine self-study based on the Liaison Committee on Medical Education (LCME) standards 6, 8 and 9, 2015.
3. Design of a clerkship program evaluation plan, June 2015.
4. Development of the LAU self-study pillar ... for Institutional accreditation by NEASC (...), 2014.
5. Design of a curriculum plan for teaching organ and tissue donation and transplantation to medical students in Lebanon, 2012
6. Design and development of the Med IV Clinical Program with the Curriculum Committee at LAU SOM, April 2012.
7. Development of the Med III Clinical Program with the Curriculum Committee at LAU SOM, including competency-based curriculum, clerkship design and guides, academic policies, assessment and grading policies, procedural skills, cross-clerkship activities, and student code of conduct policies, June 2011.
8. Development of the Pharmacology Course, including design, objectives and assessment tools for the four medical years, 2008.
9. Development of the Renal Module design, learning objectives, teaching and assessment tools with the Curriculum Committee at LAU SOM, 2008.
10. Review and redesign of the Pharmacology course for Med I through IV and development of learning objectives (Balamand University SOM).

11. Review and redesign of the Internal Medicine clerkship for Med III at Balamand University SOM.
12. Design and implementation of a new integrated Med III longitudinal program including Quality Improvement courses, Medical Ethics and Bioethics, and clinical Pharmacology (Balamand University SOM).

Consultancy Work and Services to Profession:

1. Consulted to build the curricular file for a new medical school at Notre Dame University (NDU), Lebanon, 2016.
2. Invited to participate in expert deliberations on improving the prescribing quality and pattern of pharmaceutical drugs in Lebanon. Ministry of Public Health and Knowledge to Policy Center, 2016.
3. Invited as LAU School of Medicine representative to serve on the committee in charge of formulating criteria for licensing medical schools in Lebanon, sponsored by the Ministry of Education and the Lebanese Order of Physicians, 2014.
4. National Committee for Organ and Tissue Donation and Transplantation: Ad hoc committee for integrating organ donation education into Nursing and Medical curricula. Ministry of Education and Lebanese Order of Physicians, 2012.
5. Consulted to write the renal module curriculum at LAU School of Medicine, 2008.

Presentations, Publications and Chapters in books:

Presentations (local and International):

* represents invitations

1. Olaf Ahlers, Ina Treadwell, **Sola Aoun Bahous**, Firman Sugiharto, Jan Carl Becker, Ara Tekian. Curriculum Mapping – Face the challenge, it will be wrth the effort. Accepted as a pre-conference workshop at the Association for Medical Education in Europe (AMEE), 2017.
2. **Sola Aoun Bahous**, Essa Hariri, Anthony Mansour, Yazan Daaboul, Serge Korjian, Andrew El-Alam, Hala Kilani, Albert Karam, Antoine Stephan. Vitamin K2 supplementation and arterial stiffness in the renal transplant population – A single-arm, single center clinical trial. Accepted for poster presentation at the *American Society of Nephrology Kidney Week Nov 2016*.
3. **Sola Aoun Bahous***. Cardiovascular Complications and Chronic Kidney Disease. Bellevue Medical Center, May 2016, Beirut, Lebanon.
4. Korjian S, Daaboul Y, El-Ghoul B, Samad S, Salameh P, Dahdah G, Hariri E, Mansour A, Spielman K, Blacher J, Safar ME, **Aoun Bahous S**. Change in pulse wave velocity and short term development of cardiovascular events in the hemodialysis population. Accepted for poster presentation at the *American Heart Association Arteriosclerosis, Thrombosis, and Vascular Biology / Peripheral Vascular Disease May 2016 Scientific Sessions*, Nashville, Tennessee, USA.

5. **Sola Aoun Bahous***. Blood Pressure Variability: The Good And The Bad. Master Course in Hypertension, March 2015, Beirut, Lebanon.
6. **Sola Aoun Bahous***. Renal Artery Stenosis: To Treat or Not To Treat. The Tenth Annual Meeting of the Lebanese Society of Internal Medicine, March 2015, Beirut, Lebanon.
7. **Sola Aoun Bahous***, Antoine Stephan. Organ and tissue procurement: Integration into medical and nursing curricula. The Middle East Society for Organ Transplantation, 14th Congress, September 2014, Turkey.
8. **Sola Aoun Bahous***. Renovascular disease: when to intervene. The Annual Congress of the Lebanese Society for Vascular Surgery, March 2014, Beirut, Lebanon.
9. **Sola Aoun Bahous***. Pulse Wave Analysis: A Basis for Individualized Hypertension Treatment? Middle East Symposium on Pulse Wave Analysis, January 2014, Dubai, UAE.
10. **Sola Aoun Bahous***. Pulse wave velocity and target organ damage: The kidney. VII Update of Nephrology Congress of the Lebanese Society of Nephrology and Hypertension. October 2013.
11. **Sola Aoun Bahous***. Salt and target organ damage: the large arterial system. Scientific sessions of the Lebanese Hypertension League, September 2012.
12. **Bahous SA***, Khairallah M, Stephan A, Blacher J, Safar M. Renal function decline in recipients and donors of kidney grafts: role of aortic stiffness. Presented in the Eighth International Workshop on Structure and Function of the Vascular System. Paris, February 16-18, 2012.
13. **Sola Aoun Bahous***. The Macrocirculation And The Kidney. Medicine in the Next Decade: *Challenges and Opportunities*. NAAMA's 24th International Medical Convention, Lebanon, June 2010.
14. **Sola Aoun Bahous***. Resistant Hypertension. Oral presentation at the Annual Meeting of the Lebanese Society of Nephrology, North Lebanon, July 2008.
15. **Bahous S.A.**, Stephan A. Aortic stiffness in living kidney donors. Oral presentation at "the XX International Congress of the Transplantation Society". Vienna – Austria, 2004.
16. **Aoun S**, Mourad JJ, Safar M. Effect of smoking on arterial stiffness in renal transplant patients. Oral presentation at "les XXI Journées de l'Hypertension Artérielle" Paris, France, December 12-13, 2002
17. **Aoun S**, Stephen A, Mourad JJ, Chammas E, Safar M. Arterial stiffness in renal transplant patients. Oral presentation at "The VIII Congress of the Middle East Society for Organ Transplantation", Mascat, Sultanate of Oman, October 2002

18. **Bahous SA***. Vasculitis with renal involvement. Oral presentation at the Annual Meeting of the Lebanese Society of Nephrology, Lebanon, October 2002
19. **Aoun S**, Mourad JJ, Blacher J, Safar M. Diabetes mellitus and renal failure: effect on large artery stiffness. Poster presentation at the ERA-EDTA XXXVIII congress, Vienna, Austria, June 2001
20. **Aoun S**, Rieu M, Blacher J, Safar M, Mourad JJ. Acute effect of insulin on the pulse wave velocity in diabetic patients. A pilot study. Oral presentation at “les XX Journées de l’Hypertension Artérielle” Paris, France, December 14-15, 2000
21. Mourad JJ, Blacher J, **Aoun S**, Safar M. Effect of age and diabetes on the prescription of anti-hypertensive medications. Oral presentation at “les XX Journées de l’Hypertension Artérielle” Paris, France, December 14-15, 2000
22. Stephan A, Barbari A, Masri M, Kamel G, **Aoun S***. Consupren vs Neoral in De Novo Renal Transplant Patients. Oral presentation at “The 5th Congress of the Arab Nephrology and Renal Transplantation Society”, Beirut, Lebanon, November 1997
23. Barbari A, Stephan A, **Aoun S***, Nahas J, Abi-Khalil J. Consanguinity - Associated Kidney Diseases in Lebanon: An Epidemiological Study. Oral presentation at the Annual Meeting of the Lebanese Society of Nephrology, Beirut, Lebanon, October 2001 and at the Franco-Lebanese Inter-Hospital Meeting, Ain Wazein Hospital, Chouf, Lebanon, October 1996

Publications in Peer Review Journals:

* denotes corresponding author when not first

1. Anthony Mansour, Essa Hariri, Yazan Daaboul, Serge Korjian, Andrew El Alam, Athanase Protogerou, Hala Kilani, Albert Karam, Antoine Stephan, **Sola Aoun Bahous***. Vitamin K2 supplementation and arterial stiffness in the renal transplant population – A single-arm, single-center clinical trial. Submitted for publication in the *Clinical Journal of the American Society of Nephrology*.
2. **Sola Aoun Bahous**, Yoon Soo Park, Ara Tekian. Operationalizing the assessment of enrustable professional activities. Submitted for publication in *Medical Teacher*.
3. **Sola Aoun Bahous**, Pascale Salameh, Angelique Salloum, Wael Salameh, Yoon Soo Park, Ara Tekian. Voluntary vs. compulsory student evaluation of clerkships: effect on validity and potential bias. Submitted for publication in *Academic Medicine*.
4. Vanda Abi Raad, Kareem Raad, Yazan Daaboul, Serge Korjian, Nadia Asmar, Mouin Jamma, **Sola Aoun Bahous***. Medical education in a foreign language and history-taking in the native language. Accepted for publication in *BMC Medical Education*.

5. El Ghouli B, Daaboul Y, Korjian S, Khairallah M, Karam MK, El Samad S, Salameh P, Dahdah G, Blacher J, Safar ME, **Aoun Bahous S***. Impact of baseline kidney disease on arterial stiffness in end-stage renal disease: a cross-sectional study. Submitted for publication in *Advances in Chronic Kidney Disease*.
6. Korjian S, Daaboul Y, El-Ghouli B, Samad S, Salameh P, Dahdah G, Hariri E, Mansour A, Spielman K, Blacher J, Safar ME, **Aoun Bahous S***. Change in pulse wave velocity and short term development of cardiovascular events in the hemodialysis population. *J Clin Hypertens*. 2016; 1-7.
7. **Bahous SA**, Thomas F, Pannier B, Danchin N, Safar ME. Country of birth affects blood pressure in the French hypertensive diabetic population. *Frontiers in Physiology* 2015; 6: 1-7.
8. Korjian Serge, Daaboul Yazan, Stephan Antoine and **Aoun Bahous Sola***. Organ procurement program: should we teach undergraduate medical and nursing students? *Experimental and Clinical Transplantation* 2015; 13: 55-58.
9. **Bahous SA**, Khairallah M, Al Danaf J, Halabi R, Korjian S, Daaboul Y, Stephan A, Blacher J, Safar M. Renal function decline in recipients and donors of kidney grafts: role of aortic stiffness. *American Journal of Nephrology* 2015; 41: 57-65.
10. Yazbeck-Karam V, **Aoun Bahous S**, Faour W, Khairallah M, Asmar N. Influence of standardized patient body habitus on undergraduate student performance in an objective structured clinical examination. *Medical Teacher* 2014; 36(3): 240-244.
11. Mourad JJ, Lopez-Sublet M, **Aoun Bahous S**, Villeneuve F, Jaboureck O, Dourmap-Collas C, Denolle T, Fourcade J, Baguet JP. Impact of miscuffing during home blood pressure measurement on the prevalence of masked hypertension. *Am J Hypertens* 2013; 26(10): 1205-1209.
12. **Bahous SA**, Stephan A, Blacher J, Safar M. Cardiovascular and renal outcome in recipients of kidney grafts from living donors: role of aortic stiffness. *Nephrology Dialysis Transplantation* 2012; 27: 2095-2100.
13. Jacques Blacher, **Sola Aoun Bahous**, Athanase D Protogerou, Jean-Michel Halimi, Gérard Helft, Michel E. Safar. Blood pressure, arterial stiffness and kidney function. *Microcirculation in Cardiovascular Disease* 2009; 25: 4-14.
14. **Bahous SA**, Blacher J, Safar ME. Aortic stiffness, kidney disease, and renal transplantation. *Curr Hypertens.Rep.* 2009, 11: 98-103.
15. Safar ME, Delahousse M, **Bahous SA**. Arterial stiffness and renal transplantation. *J Hypertens*. 2008, 26: 2101-2102.
16. **Sola Aoun Bahous**, Antoine Stephan, Jacques Blacher, Michel E. Safar. Aortic stiffness, living donors and renal transplantation. *Hypertension* 2006, 47, p. 216-221

17. **Sola Aoun Bahous**, Antoine Stephan, Wadad Barakat, Jacques Blacher, Roland Asmar, Michel E. Safar. Aortic pulse wave velocity in renal transplant patients. *Kidney International* 2004, 66, p. 1486-1492.
18. Barbari A, Stephan A, Masri M, Karam A, **Aoun S**, El Nahas J, Bou Khalil J. Consanguinity-associated kidney diseases in Lebanon: an epidemiological study. *Molecular Immunology* 2003, 39, p. 1109-1114.
19. Ramos E, **Aoun S** and Harmon WE. Expanding the donor pool: effect on graft outcome. *J Am Soc Nephrol.* 2002 Oct; 13 (10): 2590-2599.
20. **Aoun S**, Blacher J, Safar M, Mourad JJ. Diabetes mellitus and renal failure: effects on large artery stiffness. *Journal of Human Hypertension* 2001 Oct; 15 (10): 693- 700.
21. **Aoun S**, Ramos E. Hypertension in the HIV-infected patient. *Current Hypertension Reports* 2000 Oct; 2 (5): 478-481.
22. **Aoun S**, Ramos E. Expanding the donor pool: effect on graft outcome. *Transplant Proc.* 1999 Dec; 31 (8): 3379-82.
23. Masri MA, Barbari A, Stephan A, Kamel G, **Aoun S**, Rizk S, Karam A. Safe and cost effective conversion from Neoral to Consupren soft gelatin capsules in stable renal transplant patients: a 1-year study. *Transplant Proc.* 1999 Dec; (8): 3302-3.
24. Stephan A, Barbari A, Kamel G, **Aoun S**, Masri MA. A one-center experience with a short course of mycophenolic acid. *Transplant Proc.* 1999 Dec; 31 (8): 3289-90.
25. Stephan A, Masri MA, Barbari A, **Aoun S**, Rizk S, Kamel G. A one-year comparative study of Neoral vs Consupren in de novo renal transplant patients. *Transplant Proc.* 1998 Nov; 30 (7): 3533-4.

Chapters in Books:

1. **Sola Aoun Bahous**, Eliane El Tawil, Maya Khairallah, Gérard Plante. Hypertension artérielle, retentissement renal et calcifications. In, Michel Safar and Jacques Blacher (Eds.), *Clinique de l'hypertension artérielle en milieu francophone*, 2015, pp. 95-106, Editions Médicales Internationales.
2. **Sola Aoun Bahous**, Yazan Daaboul, Serge Korjian, Michel Safar. Kidney transplantation: indices of large arterial function in recipients and donors. In, Adel Berbari and Giuseppe Mancina (Eds.), *Arterial Disorders*, 2015, pp. 359-370, Springer.
3. **Sola Aoun Bahous**, Serge Korjian, Yazan Daaboul, Jacques Blacher, Michel Safar. Arterial changes in renal transplantation, In, Michel E. Safar, Michael F. O'Rourke and Edward D. Frohlich (Eds.), *Blood Pressure and Arterial Wall Mechanics in Cardiovascular Diseases*, 2014, pp. 351-361, Springer.
4. **Bahous S.**, Khairallah M., Chaiban J. & Badr K. Hormones and The Kidney, In: Thomas M. Coffman, Ronald J. Falk, Bruce A. Molitoris, Eric G. Neilson and

Robert W. Schrier (Eds.), *Schrier's Diseases of the Kidney*, 2013, Volume I, Chapter 8, pp. 230-294, Lippincott Williams and Wilkins, 9th Edition.

5. **Sola Bahous**, Michel Delahousse and Michel E. Safar. Aortic stiffness, kidney disease and renal transplantation, In, Adel Berbari and Giuseppe Mancina (Eds.), *Cardiorenal Syndrome: Mechanisms, Risk and Treatment*, 2010, pp. 255-267, Springer Verlag.

Abstracts:

1. **Sola Aoun Bahous**, Essa Hariri, Anthony Mansour, Yazan Daaboul, Serge Korjian, Andrew El-Alam, Hala Kilani, Albert Karam, Antoine Stephan. Vitamin K2 supplementation and arterial stiffness in the renal transplant population – A single-arm, single center clinical trial. Accepted for poster presentation at the *American Society of Nephrology Kidney Week Nov 2016*.
2. Daaboul Y, Korjian S, El-Ghoul B, Samad S, Salameh P, Dahdah G, Hariri E, Mansour A, Spielman K, Blacher J, Safar ME, **Aoun Bahous S**. Change in pulse wave velocity and short-term development of cardiovascular events in the hemodialysis population. *ATVB*, July 2016.
3. **Sola Aoun Bahous***, Antoine Stephan. Organ and tissue procurement: Integration into medical and nursing curricula. The Middle East Society for Organ Transplantation, 14th Congress, September 2014, Turkey.
4. **Bahous SA***, Khairallah M, Stephan A, Blacher J, Safar M. Renal function decline in recipients and donors of kidney grafts: role of aortic stiffness. Presented in the Eighth International Workshop on Structure and Function of the Vascular System. Paris, February 16-18, 2012.
5. **Bahous S.A.**, Stephan A. Aortic stiffness in living kidney donors. Oral presentation at “the XX International Congress of the Transplantation Society”. Vienna – Austria, 2004.
6. **Aoun S**, Mourad JJ, Safar M. Effect of smoking on arterial stiffness in renal transplant patients. Oral presentation at “les XXI Journées de l’Hypertension Artérielle” Paris, France, December 12-13, 2002.
7. **Aoun S**, Stephen A, Mourad JJ, Chammas E, Safar M. Arterial stiffness in renal transplant patients. Oral presentation at “The VIII Congress of the Middle East Society for Organ Transplantation”, Mascot, Sultanate of Oman, October 2002.
8. **Aoun S**, Mourad JJ, Blacher J, Safar M. Diabetes mellitus and renal failure: effect on large artery stiffness. Poster presentation at the ERA-EDTA XXXVIII congress, Vienna, Austria, June 2001.
9. **Aoun S**, Rieu M, Blacher J, Safar M, Mourad JJ. Acute effect of insulin on the pulse wave velocity in diabetic patients. A pilot study. Oral presentation at “les XX Journées de l’Hypertension Artérielle”, Paris, France, December 14-15, 2000.

10. Mourad JJ, Blacher J, **Aoun S**, Safar M. Effect of age and diabetes on the prescription of anti-hypertensive medications. Oral presentation at “les XX Journées de l’Hypertension Artérielle” Paris, France, December 14-15, 2000.
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