

CV SUMMARY: Carol Kotliar

1. Personal Education and Academic Positions

Medical education:

1987 Medical Faculty, Universidad de Buenos Aires (UBA)

Specialist degrees:

- 1) 1990. Internal Medicine, Centro de Estudios Médicos e Investigaciones Clínicas, Dr. Norberto Quirno (CEMIC)
- 2) 1992-93. Cardiology; University of Buenos Aires, Argentinian Society of Cardiology (1993)
- 3) Certified specialist on Hypertension, Latinoamerican Society on Hypertension (LASH)
- 4) Certified as specialist in Hypertension, Sociedad Argentina de Hipertension Arterial(SAHA)

Magister degree:

1999. Master on Hypertension, Universidad de Favaloro

Doctor of Medicine (PhD):

2013. Thesis on Anatomic, hormonal and immunological characterization of atherosclerotic renovascular diseases
Universidad Austral.

Current positions

Co-Director of the Department for Academic Development, Hospital Universitario Austral

Academic Director of the Centre of Hypertension; Cardiology Department; Austral University Hospital

Director of Santa María de la Salud, Centre of Cardiovascular Prevention, Hypertension and Diabetes.

Director of the Early Vascular Aging-Detection Unit, Hospital Universitario Austral.

Adjunct Professor of Medicine, Biomedical School, Austral University

Adjunct Professor of Medicine, University of Montevideo, Uruguay

Invited Professor of Hypertension, in others private and public Universities from Argentina

National Editor of Hypertension (AHA Journal)

2. Affiliations and Memberships

Associate Director, Argentinian Journal on Cardiovascular Physiology and Pharmacology (2006-2009)

Medical Advisor, Argentinian Journal on Cardiovascular Physiology and Pharmacology (2009- actual)

Foundational Member of Fundapres, Fundación para la prevención y tratamiento de la hipertensión y enfermedades cardiovasculares

Member of Scientific Committee of the Argentinian Society on Hypertension (2007)(2012)

Member of the Scientific Committee of the Latinoamerican Symposium on Hypertension (2010)

Professional Premium Member of the American Heart Association (AHA) (2011)

Member of the Argentinian Council on High Blood Pressure

Member of the Argentinian Society on High Blood Pressure

Principal Investigator in more than 75 Multicentric International Studies

3. Actual research areas

Atherosclerotic subclinical disease

Vascular biomechanics

T regulatory and T helper cells role in renovascular atheromatosis

Immunoinflammatory model of atherosclerosis

Vascular ageing patterns

Hemodynamic patterns in hypertensive patients

Sleep disorders and hypertension

Depression and cardiovascular risk

Renovascular disease

▪ Scientific Communications

CAVANAGH E; GONZALEZ S; INSERRA F; FORCADA P; CASTELLARO C; CHIABAUT SVANE J; OBREGON S; CASARINI MJ; KEMPNY P; KOTLIAR C. SYMPATHETIC PREDOMINANCE IS ASSOCIATED WITH IMPAIRED ENDOTHELIAL PROGENITOR CELLS AND TUNNELING NANOTUBES IN CONTROLLED-HYPERTENSIVE PATIENT. *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*. Bethesda: AMER PHYSIOLOGIC SOC. 2014 vol.307 n°2. p207 - 215. issn 0363-6135.

KOTLIAR C; KEMPNY P; GONZALEZ S; CASTELLARO C; FORCADA P; OBREGON S; CAVANAGH E; CHIABAUT SVANE J; CASARINI MJ; ROJAS M; INSERRA F. Lack of RAAS inhibition by high-salt intake is associated with arterial stiffness in hypertensive patients.. *JOURNAL OF THE RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM*. London: SAG PUBLICATIONS LTD. 2014 vol. n°. p - . issn 1470-3203.

CIGALANI CLAUDIO; TELAYNA JUAN MANUEL; SAMPAOLESSI ALBERTO; INGARAMO ROBERTO; KOTLIAR CARO WASSERMAN ALFREDO. Consenso Nacional: Desnervación simpática renal para el tratamiento de la hipertensión arterial resistente. *Revista de la Sociedad Argentina de Hipertension Arterial*. Buenos Aires: Sociedad Argentina de Hipertension Arterial. 2013 vol. n°. p9 - 13. issn 2314-0976.

KOTLIAR CAROL; JUNCOS L; INSERRA F; CAVANAGH E; CHULUYAN E; AQUINO J; HITA A; NAVARRI C; SANCHEZ Local and systemic cellular immunity in early renal artery atherosclerosis. *CLINICAL JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*.: AMER SOC NEPHROLOGY. 2012 vol.7 n°2. p224 - 230. issn 1555-9041.

GONZALEZ S; FORCADA P; CAVANAGH E; INSERRA F; CHIABAUT SVANE J; OBREGON S; CASTELLARO C; OLANO R; HITA A; KOTLIAR C. Sodium Intake Is Associated With Parasympathetic Tone and Metabolic Parameters in Mild Hypertension.. *AMERICAN JOURNAL OF HYPERTENSION*. Londres: NATURE PUBLISHING GROUP. 2012 vol.25 n°5. p620 - 624. issn 0895-7061.

FORCADA P; OLANO R; OBREGON S; GONZALEZ S; CHIABAUT SVANE J; CASTELLARO C; INSERRA F; KOTLIAR CAROL. Haemodynamic pattern of obese patients on primary cardiovascular prevention. *Artery Research*. Londres: Association for Research into Arterial Structure and Physiology.. 2012 vol.6 n°4. p192 - 192. issn 1872-9312.

OBREGON S; FORCADA P; OLANO R; GONZALEZ S; CASTELLARO C; CHIABAUT SVANE J; CAVANAGH E; INSERRA F; KOTLIAR C. DEPRESSION-MEDIATED ARTERIAL STIFFNESS AND AUTONOMIC DISBALANCE IN YOUNG HYPERTENSIVE PATIENTS: A PATHWAY TO STROKE?. *JOURNAL OF HYPERTENSION*. Philadelphia: LIPPINCOTT WILLIAMS & WILKINS. 2010 vol.28 n°. p4 - 14. issn 0263-6352.

KOTLIAR CAROL; INSERRA F; FORCADA P; CAVANAGH E; OBREGON S; NAVARRI C; CASTELLARO C; SANCHEZ Are plasma renin activity and aldosterone levels useful as a screening test to differentiate between unilateral and bilateral renal artery stenosis in hypertensive patients?. *JOURNAL OF HYPERTENSION*. Philadelphia: LIPPINCOTT WILLIAMS & WILKINS. 2010 vol.28 n°3. p594 - 601. issn 0263-6352.

CHEJTMAN D; BARATTA S; FERNANDEZ H; FERRONI F; BILBAO J; KOTLIAR C; MARANI M; TURRI D; HITA A. Clinic Value of the Tissue Doppler S Wave to Characterize Left Ventricular Hypertrophy as Defined by Echocardiography.. *ECHOCARDIOGRAPHY (MOUNT KISCO, N.Y.)*. Londres: WILEY-BLACKWELL PUBLISHING, INC. 2010 vol.27 n°4. p371 - 377. issn 0742-2822.

BIA D; PESANA F; FORCADA P; ZOCALO Y; KOTLIAR C; ARMENTANO RL. Non-invasive assessment of atherosclerotic plaques effects on the segment-to-segment human carotid visco-elasticity and filtering.. *Conf Proc IEEE Eng Med Biol Soc.* New York, NY, USA: IEEE (Institute of Electrical and Electronics Engineers). 2010 vol. n°. p25 - 2536. issn 1557-170X. eissn 1094-687X

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GRASSI D; O FLAHERTY M; PELLIZZARI M; BENDERSKY M; RODRIGUEZ P; TURRI D; FORCADA P; FERDINAND K; KOTLIAR C. Hypertensive urgencies in the emergency department: evaluating blood pressure response to rest and antihypertensive drugs with different profiles.. *JOURNAL OF CLINICAL HYPERTENSION*. Londres: WILEY-BLACKWELL PUBLISHING, INC. 2008 vol.10 n°9. p662 - 667. issn 1524-6175.

KOTLIAR C; FORCADA P; FERDINAND K. Noninvasive Diagnosis of Subclinical Atherosclerosis in. *Journal Cardiometabolic Syndrome*.: Le Jacq. 2008 vol.3 n°1. p60 - 62. . eissn 1559-4572

BARATTA S; CHEJTMAN D; FERNANDEZ H; FERRONI F; BILBAO J; KOTLIAR C; MARANI M; TURRI D; HITA A. Valor clinico de la utilizacion del strain rate sistolico en el estudio de distintas formas de hipertrofia

ventricular izquierda. *Revista Argentina de Cardiología*.: Sociedad Argentina de Cardiología. 2007 vol.75 n°5. p367 - 373. issn 0034-7000. eissn 1850-3748

RODRIGUEZ P; O FLAHERTY M; FORCADA P; GRASSI D; FERRANTE D; PELLIZZARI M; BENDERSKY M; TURRI D; KOTLIAR CAROL. Estudio REHASE (Relevamiento de Hipertensión Arterial Severa en Servicios de Emergencia): características de la población y respuesta a una estrategia de manejo.. *REVISTA ARGENTINA DE CARDIOLOGIA*. Buenos Aires: Sociedad Argentina de Cardiología. 2006 vol.74 n°. p102 - 108. issn 0034-7000.

HITA A; CHEJTMAN D; BARATTA S; FERNANDEZ H; BILBAO J; KOTLIAR CAROL; TURRI D. Tissue characterization differentiate pathological from physiological hypertrophy in patients with hypertension and athletes. *ECHOCARDIOGRAPHY (MOUNT KISCO, N.Y.)*. Londres: WILEY-BLACKWELL PUBLISHING, INC. 2004 vol.21 n°2. p201 - 209. issn 0742-2822.

KOTLIAR CAROL; SMART FRANK W ; SEKELA ME; PACIFICO A; DEBAKEY ME; YOUNG JB. Heterotopic heart transplantation and native heart ventricular arrhythmias.. *ANNALS OF THORACIC SURGERY*. Amsterdam: ELSEVIER SCIENCE INC. 1991 vol.51 n°. p987 - 991. issn 0003-4975.

■ **PARTES DE LIBRO:**

KOTLIAR CAROL; KOTLIAR CAROL; ESPER RICARDO; BARONTINI MARTA. *La hipertensión causa aterosclerosis o viceversa..* Tratado de Mecanica Vasculuar e Hipertension Arterial. Buenos Aires: Intermedica. 2010. p1 - 8. isbn 978-950-555-384-6

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KOTLIAR C; ALCAZAR JOSE MARIA; RODICIO DIAZ LUIS; KOTLIAR CAROL; ESPER RICARDO; BARONTINI MARTA. *Enfermedad renovascular aterosclerótica.* Tratado de Mecanica Vasculuar e Hipertension Arterial. Buenos Aires: Intermedica. 2010. p535 - 541. isbn 978-950-555-384-6

BIA D; PESANA F; FORCADA P; ZOCALO Y; KOTLIAR CAROL; ARMENTANO RL; EMBC. *Non-invasive assessment of atherosclerotic plaques effects on the segment-to-segment human carotid visco-elasticity and filtering.* Engineering in Medicine and Biology Society (EMBC). New Jersey: IEEE Service Center, c2004-. 2010. p2533 - 2536. isbn 978-1-4244-4123-5

KOTLIAR CAROL; TELAYNA JUAN MANUEL; SOUZA AMANADA. *Dilatación Percutánea de las Arterias Renales..* Intervenciones Cardiovasculares SOLACI. San Pablo: Atheneu. 2005. p617 - 629. isbn 978-958-8379-18-0

■ **LIBROS:**

KOTLIAR CAROL; ESPER RICARDO; BARONTINI MARTA. *Tratado de Mecanica Vasculuar e Hipertension Arterial.* Buenos Aires: Intermedica. 2010. pag.1088. isbn 9789505553846

■ **TRABAJOS EN EVENTOS CIENTIFICO-TECNOLOGICOS PUBLICADOS:**

FORCADA P; OLANO R; CHIABAUT SVANE J; GONZALEZ S; OBREGON S; CASTELLARO C; INSERRA F; KOTLIAR C. Non-invasive haemodynamic characterization by means of impedance cardiography in primary prevention. Reino Unido. Londres. 2012. Revista. Resumen. Congreso. Artery Annual Meeting 2012. Association for research into arterial stucture and physiology

FORCADA P; OLANO R; CHIABAUT SVANE J; CAVANAGH E; OBREGON S; INSERRA F; KOTLIAR CAROL. Severity of Vascular Disease in Uncontrolled Hypertensives: Are Two Sides of A Coin?. Reino Unido. Londres. 2010. Revista. Resumen. Congreso. Artery Annual Meeting 2010. Association for research into arterial stucture and physiology

CHIABAUT SVANE J; GONZALEZ S; FORCADA P; OBREGON S; CASTELLARO C; INSERRA F; KOTLIAR CAROL. Does Rosuvastatin Mediates A Better Control of Central Blood Pressure in Treated Hypertensives Patients?. Reino Unido. Londres. 2010. Revista. Resumen. Congreso. Artery Annual Meeting 2010. Association for research into arterial structure and physiology

■ **TESIS:**

Universitario de posgrado/doctorado. *ANALISIS DE LOS ASPECTOS ESTRUCTURALES, INMUNOLOGICOS Y HORMONALES D ELA ENFERMEDAD RENOVASCULAR ATEROESCLEROTICA.* Doctora en Ciencias Biomédicas. UNIVERSIDAD AUSTRAL / FAC.DE CS.BIOMEDICAS. 2013. Español

