

CURRICULUM VITAE

Leonardo A. Sechi, MD, FACP

Chair of Internal Medicine, University of Udine
Department of Experimental and Clinical Medical Science
University Hospital, Building 8
33100-Udine, Italy

Birth July 31, 1958

Current Position Full Professor of Medicine
Chief Internal Medicine, University of Udine
Head Clinical Department of Internal Medicine, University Hospital of Udine
Director Department of Medicine, University of Udine

Academic Background

1976-82 University of Sassari (Italy) - School of Medicine, Awarded: Doctor of Medicine
1982-86 University of Sassari - Department of Internal Medicine, Awarded: Subspecialty Cardiology
1986-90 University of Sassari - Department of Internal Medicine, Awarded: Subspecialty Nephrology
1990-92 University of California, San Francisco, CA; Fellowship: Division of Endocrinology and Division of Nephrology
1990-99 *Assistant Professor*; University of Udine - Department of Internal Medicine
1990 *Master* on "Use of Radioisotopes in the Laboratory", UCSF;
1990 *Master* on "Molecular Biology and Genetics", UCSF;
1991 *Master* on "Cell Biology", UCSF;
1992 *Master* on "Design of Clinical Trials", UCSF;
1993 *Visiting Professor*, Hospital La Peyronie, Medecine Interne, Lab. de Physiologie Renale, Univ. Montpellier;
1993 *Visiting Professor*, Department of Medicine, Division of Nephrology, UCSF;
1994 *Visiting Professor*, Department of Medicine, Division of Endocrinology, UCSF;
1995 *Visiting Professor*, Department of Medicine, Division of Endocrinology, UCSF;
1996 *Senior Fulbright Fellow*, Department of Medicine, Div. of Endocrinology e Div. of Nephrology, UCSF;
1998 *Visiting Professor*, Department of Medicine, Division of Endocrinology, UCSF;
1999 *Associate Professor of Internal Medicine*;
1999-pres Chief *Division of Internal Medicine, Clinica Medica* University of Udine;
2000 President of the *Board for Medical Doctors Examination*, University of Udine;
2002 *Full Professor of Internal Medicine*;
2002-pres Director, *Post-graduate program of Internal Medicine*, University of Udine;
2005-09 Director, *Department of Experimental and Clinical Pathology and Medicine*, University of Udine;
2005-11 Director, *Post-graduate program of Geriatrics*, University of Udine;
2007-08 *Vice-Dean School of Medicine*, University of Udine;
2008-13 Director, *Post-graduate program of Emergency Medicine*, University of Udine;
2009-12 Member of the *National Board of the Italian Society of Hypertension*;
2009-pres Director, *Clinical Department of Internal Medicine*, University of Udine;
2009-13 *Vice-Chancellor*, University of Udine;
2013-17 Director, *Department of Experimental and Clinical Medical Sciences*;
2016-18 Member of the *National Board of Professors of Internal Medicine*;
2017-19 President *Italian Society of Hypertension*, North-East chapter;
2019-pres Direttore, *Department of Medicine*, University of Udine
2020-pres Member National Council of the *Italian Society of Arterial Hypertension*
2022-pres Member National Council of the *Italian Society of Internal Medicine*

Honors and Awards

1982 *Fellowship*, Regione Autonoma Sardegna for subspecialty Cardiology;
1989 *International Fellowship*, Italian Society of Hypertension;
1989 *Award "Serotonina ed Ipertensione"*, Italian Society of Internal Medicine;
1990 "Grant Award", *International Society of Nephrology* (Tokyo);
1991 "Grant Award", *American Society of Hypertension* (New York);
1991 "Grant for Young Investigator", *European Society of Hypertension* (Milan);
1991-2 "Weiss, Rifkind, Wharton & Garrison Fellowship", *International Juvenile Diabetes Found.* (2 yr);
1991 "Travel Fellowship", *Harvard Medical School* (Boston);
1992 "Grant Award", *American Society of Hypertension* (New York);
1992 "Grant for Young Investigator", *International Society of Hypertension* (Madrid);
1993 "Premio Assisi Medicina", *European Congress on Cardioneurology* (Assisi);

1993 "Grant for Young Investigator", *European Society of Hypertension* (Milan);
1993 "Grant Award", *International Society of Nephrology* (Gerusalemme);
1994 "Award for best presentation", *European Dialysis Transplantation Association* (Vienna);
1995 *Premio per ricerca* "Fondazione Ferrero" (2 anni);
1995 Discussion Leader *Gordon Research Conference* on Angiotensins (Barga).
1995 "Grant Award", *American Society of Nephrology* (Madrid);
1995 "Award for Senior Investigator", *Fulbright Commission* (1 anno);
2000 *European Clinical Hypertension Specialist*;
2010 Inclusion List "Top Italian Scientists"
2018 Fellow American College of Physicians (FACP)

Professional Memberships (past and current)

American College of Physicians
American Society of Nephrology
American Society of Hypertension
American Heart Association: Council for High Blood Pressure Research
American Association for Science and Technology
International Society of Hypertension
International Society of Nephrology
European Society of Hypertension
European Society for Translational Medicine
Italian Society of Arterial Hypertension
Italian College of Physicians
Italian Society of Internal Medicine
Italian Society of Cardiology
Italian Society of Nephrology
Italiana Society of Experimental Biology

Editorial Positions

Frontiers in Endocrinology (Associate)
Frontiers in Cardiovascular Disease (Associate)
American Journal of Cardiovascular Disease (Senior editor)
Recent Advances in Cardiovascular Drug Discovery (Advisory Board)
Nutrition Metabolism and Cardiovascular Diseases
Nutrients
Frontiers in Physiology (Associate)
High Blood Pressure and Cardiovascular Prevention
World Journal of Hypertension
Archives of Clinical Hypertension
Journal of Nephrology Research
ISRN Vascular Medicine
World Journal of Clinical Cases
Clinical Journal of Heart Diseases
International Journal of Clinical Medicine Research
European Society for Translational Medicine (Cardiology)
International Scholarly Research Notices
Cardiorenal Journal
Ipertensione e Prevenzione Cardiovascolare

Referee for Scientific Journals

The Lancet, The Lancet Diabetes and Endocrinology, The Journal of Clinical Investigation, American Journal of Physiology (Endocrine and Renal sections), Circulation, Hypertension, Journal of the American College of Cardiology, Journal of the American Society of Nephrology, Journal of Clinical Endocrinology and Metabolism, Kidney International, Clinical Journal of the American Society of Nephrology, Nature Nephrology Reviews, Journal of Hypertension, American Journal of Hypertension, Journal of Clinical Hypertension, Journal of Human Hypertension, American Journal of Kidney Diseases, Nephrology Dialysis Transplantation, Diabetologia, Canadian Medical Association Journal, Atherosclerosis, PLOS-One, Journal of the Renin-Angiotensin-Aldosterone System, Molecular and Cellular Endocrinology, Journal of Cellular and Molecular Medicine, Hormone and Metabolic Research, Diabetes Metabolism Research and Reviews, Oncotarget, Current Pharmaceutical Design, Journal of Endocrinology, Clinical Endocrinology, Nephron, Clinical Nutrition, Nutrients, Journal of Nephrology, Journal of Endocrinological Investigation, Journal of Applied Physiology, Quarterly Journal of Medicine, Alcoholism Clinical and Experimental Research, Cardiovascular Diabetology, Journal of Cardiovascular Medicine, International Journal of Medical

Microbiology, Molecular and Cellular Biochemistry, Biochemical Genetics, Nephron Clinical Practice, Life Science Journal, International Archives of Medicine, BMC Medical Practice, Journal of Biological Regulators and Homeostatic Agents, The Aging Male, Advances in Clinical Pathology, Giornale Italiano di Nefrologia.

Teaching Activities (past and current)

1. Medical Degree
Internal Medicine
Emergency Medicine
Clinical Pathophysiology
2. Sport Medicine
Internal Medicine
Cardiovascular Diseases
Respiratory Diseases
3. Biotechnologies
Internal Medicine and Regenerative Cardiology
4. Radiology technicians
Cardiovascular Diseases
Respiratory Diseases
5. Post-graduate Specialty Course of Internal Medicine
Internal Medicine
Rheumatology
Clinical Methodology
Cardiology
6. Post-graduate Specialty Course of Geriatrics
Internal Medicine
Pneumology
Rheumatology
Geriatrics and Gerontology
7. Post-graduate Specialty Course of Clinical Pharmacology
Internal Medicine
8. Post-graduate Specialty Course of Infectious Diseases
Internal Medicine
9. Post-graduate Specialty Course of Anesthesia
Internal Medicine
10. Post-graduate Specialty Course of Sport Medicine
Cardiovascular Diseases
11. Post-graduate Specialty Course of Dermatology
Internal Medicine
Cardiovascular Diseases
12. PhD Program of Clinical Sciences and Technology
13. PhD Program of Healthy Food and Nutrition
14. PhD Program of Translational and Clinical Medicine

Invited Lecturer

National Universities (Trieste, Roma, Verona, Padova, Torino, Bari, Napoli, Sassari, Cagliari, Firenze);
Foreign Universities (San Francisco, New York, Chicago, Tokyo, Wurzburg, Munich, Danzica, Parigi, Montpellier, Innsbruck, Madrid, Gerusalemme, Queensland-Australia).

Clinical Activities

1982-1989 *Internship* Internal Medicine, University of Sassari;
1985-1986 *Medical Officer*, Italian Army;
1992-1999 *Internal Medicine, University of Udine*: Medical Ward, Emergency Service, Day-hospital, Clinical Laboratory, Specialist Consultation;
1999-2000 *Temporary Chief*, Division of Internal Medicine, University of Udine;
2001-pres *Chief*, Division of Internal Medicine, University Hospital, Udine;
2018-pres *Head*, European Hypertension Excellence Center of the European Society of Hypertension (ESH)

International Collaborations

Centre Hospitalière Universitaire, Université de Montpellier; Division of Nephrology, Department of Medicine, Stanford University School of Medicine, Palo Alto; Division of Cardiology, Veterans Administration Medical Center, University of California San Francisco; Division of Metabolism and Diabetes, Veteran Administration Medical Center, University of California at San Francisco; Department of Medicine, Division of Endocrinology, Stanford University School of

Medicine, Palo Alto; Institut National de la Recherche Medicale (INSERM Unit 36), College de France, Parigi ; Pierre Fabre Research Laboratoires, Castres; Department of Pathology, University of California Los Angeles; . ISREC, Department of Carcinogenesis, Lausanne; Division of Nephrology, Department of Medicine, Washington State University, Seattle; Insitutur fur Medizinische Biologie und Humangenetik, Universitat Innsbruck; Howard Hughes Medical Institute, Boyer Center for Molecular Medicine, Yale University, New Haven; Cornell University, Weill Medical College, Molecular Cardiology Laboratory, New York, (USA).

Scientific Production

consta di oltre 340 pubblicazioni a stampa, oltre 1000 contributi a congressi scientifici di società scientifiche internazionali e nazionali, oltre a articoli scientifici, editoriali, capitoli di libri, monografie con un H-index di 55, un Impact Factor totale di oltre 3000 ed un Citation Index superiore a 11.400.

Prof. Sechi has participated as Principal Investigator in approximately 80 phase II-IV clinical studies of with experimental drugs. Scientific areas involved in these studies were the following: arterial hypertension, heart failure, chronic renal failure, diabetes, diabetic nephropathy, viral hepatitis, cirrhosis, hepatocarcinoma. All these studies were conducted according to the rules of the Good Clinical Practice (GCP).

Research Funding

Progetto Ricerca Finalizzata del Ministero della Salute sulla Farmacogenomica dell'Ipertensione; Admire COST Action of the European Community; European community (Interreg III); Italian Ministry of University and Research (PRIN 2002, 2004, 2007); Scientific Societies (Italian Society of Internal Medicine; Italian Society of Hypertension); Private Foundations (Morpurgo-Hoffmann; PierSilverio Nassimbeni); Public Institutions; Drug Studies (CIBIS II 1, CIBIS II-B, EC-061-TVC/LVH/96/01, CV 4993/951PER/03LT, EC-061-TVC/LVH/96/01, BAY G 5421/0823, CDJN6080116, SB 49653/085, EC 529, NO Hypertension 65/74, CDJN608B2302, ESAP-3, DM99/DEDRA/01, CL3-05702-012/ITA, CVAL489H2301, CLAF237A2329, CSPP100A2204, CLAF237A2338, OLM/CLIN/II-12/03 ESPORT, SP-OLM-03-05 OLMETREAT, CSPP100A2332, REC 15/2375-IT-CL-0336, CSPP100E2337, Farmacogenetica 291/L, GENIRC-_001, NEMO/06/04/05, CL3-05985-018)

List of Full Papers

1. Tedde R, Sechi LA, Marigliano A, Campus S. Sodium concentration in erythrocytes in arterial hypertension. *J Hypertens* 1: 140-141, 1983.
2. Tedde R, Sechi LA, Marigliano A, Pardini S, Dore F, Longinotti M, Campus S. Concentrazione del sodio in eritrociti alfa e beta talassemici. *Atti XXIII Riunione del Gruppo per lo Studio dell'Eritrocita* pp.53-57, 1983.
3. Tedde R, Mascotti N, Pardini S, Sechi LA, Marigliano A, Scano L, Longinotti M, Oggiano L, Campus S. Trasporto transmembrana del sodio nell'alfa e nella beta talassemia. *Haematologica* 1: 255-256, 1985.
4. Tedde R, Mascotti N, Sechi LA, Scano L, Marigliano A. Il trasporto transmembrana del sodio in eritrociti di pazienti affetti da ipertensione arteriosa. *Haematologica* 1: 137-138, 1985.
5. Sechi LA, Marigliano A, Scano L, Pala A, Tedde R. Studio delle resistenze osmotiche globulari in soggetti con ipertensione arteriosa. *Haematologica* 2: 225-227, 1986.
6. Tedde R, Sechi LA, Marigliano A, Scano L, Pala A. Sodio e potassio intracellulari in soggetti con ipertensione arteriosa. *Studi Sassaresi* 1, 1986.
7. Tedde R, Marigliano A, Scano L, Sechi LA. Studio della concentrazione intraeritrocitaria del sodio in soggetti con ipertensione arteriosa: problemi metodologici. *Studi Sassaresi* 1, 1986.
8. Sechi LA, Marigliano A, Scano L, Pala A, Tedde R. Aumentata fragilita' osmotica in pazienti con ipertensione arteriosa: ruolo degli elettroliti intracellulari. *Studi Sassaresi* 1, 1986.
9. Tedde R, Sechi LA, Marigliano A, Scano L, Pala A. Azione dell'insulina sul trasporto trans-membrana del sodio. Suo possibile ruolo nell'eziopatogenesi dell'ipertensione arteriosa essenziale. *Studi Sassaresi* 1, 1986.
10. Tedde R, Marigliano A, Sechi LA, Scano L, Sarobba MG, Piga M, Farris A. Concentrazione intraeritrocitaria del sodio e del potassio in pazienti con carcinoma della mammella. *Haematologica* 3: 34-36, 1987.
11. Tedde R, Sechi LA, Marigliano A, Frulio T, Brianda S, Scano L, Pala A. Effetti renali dell'insulina e patogenesi dell'ipertensione arteriosa. In "Cuore e Rene" Timio M, Venanzi S, eds., Abetre Edizioni, Milano, 1987, pp. 235-240.

12. Sechi LA, Orecchioni C, Marigliano A, Tedde R. Ipsersplenismo in corso di malattia di Gaucher: caso clinico e revisione della letteratura. *Clinica Europea* 6, 1987.
13. Tedde R, Sechi LA, Marigliano A, Scano L, Pala A. In-vitro action of insulin on erythrocyte sodium transport mechanisms: its possible role in the pathogenesis of arterial hypertension. *Clin Exp Hypertens* 10: 545-559, 1988.
14. Sechi LA, Marigliano A, Tedde R. Venous thrombosis and acute renal failure in paroxysmal nocturnal haemoglobinuria. *Nephrol Dial Transplant* 3:708-709, 1988.
15. Tedde R, Sechi LA, Scano L, Marigliano A, Pala A. Further evidence of abnormal Na transport across erythrocyte membranes in arterial hypertension. *Med Sci Res* 16: 1171, 1988.
16. Tedde R, Sechi LA, Marigliano A, Loriga V. Emoglobinuria parossistica notturna con trombosi venose multiple ed insufficienza renale acuta. *Min Medica* 80: 615-618, 1989.
17. Sechi LA, Marigliano A, Melis A, Tedde R. Coagulazione intravascolare disseminata e necrosi epatica acuta a termine di gravidanza: descrizione di un caso. *Min Medica* 80: 1367-1372, 1989.
18. Sechi LA, Marigliano A, Pala A, Tedde R. Acute renal failure in paroxysmal nocturnal haemoglobinuria with renal splanchnic thromboses. *Clin Lab Haematol* 11: 273-275, 1989.
19. Tedde R, Sechi LA, Marigliano A, Pala A, Scano L. Antihypertensive effect of insulin reduction in diabetic-hypertensive patients. *Am J Hypertens* 2: 163-170, 1989.
20. Sechi LA, Tedde R, Melis A, Marigliano A, Pala A, Pisanu G. Cell sodium metabolism depends on daily sodium intake in primary hypertension. *Med Sci Res* 17: 345-346, 1989.
21. Marigliano A, Tedde R, Sechi LA, Pala A, Pacifico A. Insulinemia e concentrazione intraeritrocitaria del sodio in soggetti ipertesi e normotesi con alterato metabolismo dei carboidrati. In "Il Cuore nelle Nefropatie e nella Dialisi" Timio M, Venanzi S, eds, Monduzzi Editore, Bologna, 1989, pp.111-115.
22. Sechi LA, Tedde R, Marigliano A, Pala A, Melis A, Pisanu G. Relazioni tra metabolismo cellulare del sodio ed apporto sodico giornaliero. In "Il Cuore nelle Nefropatie e nella Dialisi" Timio M, Venanzi S, eds., Monduzzi Editore, Bologna, 1989, pp.105-110.
23. Sechi LA, Tedde R, Cassisa L, Pala A, Di Girolamo G, Orecchioni C, Melis A. Clinical experiences with ketanserin in the treatment of essential hypertension. In "Cardiovascular System, Hypertension and Serotonin Antagonists" Paoletti R, Vanhoutte PM, Brunello M, Maggi FM, eds., Kluwer Academic Publishers, Dordrecht, 1989, pp.113-122.
24. Sechi LA, Tedde R, Cassisa L, Pala A, Orecchioni C, Uneddu F, Melis A. Sublingual and intravenous ketanserin versus sublingual nifedipine in the treatment of severe hypertension. *Clin Ther* 11: 834-840, 1989.
25. Sechi LA, Tedde R, Melis A, Pala A, Marigliano A. Nuove acquisizioni sugli effetti cellulari degli S2 antagonisti. *Aula Medica* 2: 161-165, 1989.
26. Tedde R, Sechi LA, Melis A. Renal response to furosemide in normal subjects during hyperinsulinemic clamp. *Boll Soc Ital Biol Sper* 66: 685-691, 1990.
27. Sechi LA, Tedde R, Melis A. Effects of furosemide on blood pressure in anephric rats. *Boll Soc Ital Biol Sper* 66: 693-700, 1990.
28. Sechi LA, Tedde R, Cassisa L, Marigliano A, Uneddu F, Melis A, Pala A. Effects of ketanserin on transmembrane sodium transport in erythrocytes. *J Cardiovasc Pharmacol* 15: 269-275, 1990.
29. Marigliano A, Tedde R, Sechi LA, Pala A, Pisanu G, Pacifico A. Insulinemia and blood pressure: relationships in patients with primary and secondary hypertension, and with or without glucose metabolism impairment. *Am J Hypertens* 3: 521-526, 1990.
30. Sechi LA, Tedde R, Cassisa L, Pala A, Marigliano A, Masia S, Melis A. Evidence for a direct and non-receptor mediated action of 5-HT₂ antagonists on transmembrane cation transport systems. *Cardiovasc Drugs Ther* 4: 63-

67, 1990.

31. Sechi LA, Tedde R, Melis A, Pala A, Marigliano A, Orecchioni C, Pisanu G, Bartoli E. Aumento dei livelli circolanti di insulina e C-peptide: fattore comune nell'ipertensione essenziale e nel sovrappeso. *Ann Ital Med Int* 5: 348-352, 1990.
32. Sechi LA, Melis A, Pala A, Orecchioni C, Tedde R. Insulino-resistenza nell'uremico: effetti dell'emodialisi. *Boll Soc Ital Biol Sper* 66: 993-999, 1990.
33. Tedde R, Sechi LA, Marigliano A, Pala A, Scano L. Antihypertensive effect of insulin reduction in diabetic-hypertensive patients. In "Year Book of Cardiology, 1990" Kaplan NM, ed., Year Book Medical Publishers, Chicago, 1990, pp.128-129.
34. Sechi LA. Valutazione degli effetti acuti e cronici della ketanserina nel trattamento dell'ipertensione e ipotesi su un nuovo meccanismo d'azione. *Ann Ital Med Int* 5: 433-450, 1990. (Review)
35. Sechi LA, Tedde R, Marigliano A, Melis A, Pala A, Orecchioni C. Insulin-resistance and b-cells hypersecretion in essential hypertension. *J Hypertens* 8 (suppl. 4): 87-89, 1990.
36. Sechi LA, Orecchioni C, Melis A, Pala A, Tedde R. Flussi cationici transmembrana ed emodialisi. *Boll Soc Ital Biol Sper* 66: 1001-1008, 1990.
37. Sechi LA, Tedde R, Orecchioni C, Fanelli V, Melis A, Marigliano A, Pala A, Bartoli E. Effetti acuti dell'emodialisi sui flussi transmembrana del sodio in eritrociti di pazienti uremici. "Nefrologia, Dialisi, Trapianto" Di Paolo N, Gaggiotti E, eds., Wichtig Editore, Milano, 1990, pp.365-366.
38. Sechi LA, Tedde R, Faedda R, Satta A, Marigliano A, Pala A, Melis A, Palomba D, Bartoli E. Alterazioni del trasporto transmembrana del sodio in due pazienti con Sindrome di Bartter. "Nefrologia, Dialisi, Trapianto" Di Paolo N, Gaggiotti E, eds., Wichtig Editore, Milano, 1990, pp.367-368.
39. Sechi LA, Palomba D, Faedda R, Tedde R, Bartoli E. Studio della risposta pressoria alla furosemide in ratti anefrici. "Nefrologia, Dialisi, Trapianto" Di Paolo N, Gaggiotti E, eds., Wichtig Editore, Milano, 1990, pp.369-370.
40. Sechi LA, Tedde R, Melis A, Pala A, Marigliano A, Orecchioni C, Bartoli E. Mancata risposta dell'apparato juxtaglomerulare alla furosemide in pazienti uremici. "Nefrologia, Dialisi, Trapianto" Di Paolo N, Gaggiotti E, eds., Wichtig Editore, Milano, 1990, pp.371-372.
41. Sechi LA, Melis A, Pala A, Marigliano A, Sechi G, Tedde R. Serum Insulin, insulin sensitivity, and erythrocyte sodium metabolism in normotensive and essential hypertensive subjects with and without overweight. *Clin Exp Hypertens* 13: 261-276, 1991.
42. Sechi LA, Marigliano A, Tedde R. Evaluation of insulin-induced changes in the renal response to furosemide in normal subjects. *Miner and Electrolyte Metab* 17: 383-389, 1991.
43. Valentin JP, Sechi LA, Ribstein J, Mimran A. Atrial natriuretic peptide increases urinary albumin excretion in the rat. In "Cardionephrology", Timio M, Wizemann V, eds., Wichtig Ed., Milan, 1991, pp.483-486.
44. Melis A, Pala A, Sechi LA, Valentin JP, Marigliano A, Pisanu G, Tedde R. Modificazioni funzionali dell'apparato iuxtaglomerulare in pazienti con insufficienza renale cronica. In "Cardionephrology", Timio M, Wizemann V, eds., Wichtig Ed., Milan, 1991, pp.167-170.
45. Marigliano A, Tedde R, Sechi LA, Pala A, Pisanu G, Pacifico A. Insulinemia and blood pressure: relationships in patients with primary and secondary hypertension, and with or without glucose metabolism impairment. In "Year Book of Medicine 1991" Year Book Medical Publishers, Chicago, 1991, pp.568-570.
46. Sechi LA. Ipertensione arteriosa e diabete mellito: focus sul sistema renina-angiotensina (SRA) tessutale. *Boll Soc Ital Ipertens Art* 3: 3-4, 1991.
47. Sechi LA, Melis A, Marigliano A, Tedde R. Erythrocyte sodium transport in overweight subjects. *Med Sci Res* 19: 845-846, 1991.

48. Grady EF, Sechi LA, Griffin CA, Schambelan M, Kalinyak JE. Expression of AT₂ receptors in the developing rat fetus. *J Clin Invest* 88: 921-933, 1991.
49. Sechi LA, Melis A, Faedda R, Tedde R, Bartoli E. Heterogeneous derangement of cellular sodium metabolism in Bartter's Syndrome. Description of two cases and review of the literature. *Panminerva Med* 34: 85-92, 1992.
50. Sechi LA, Melis A, Tedde R. Insulin hypersecretion: a potential role in essential but not secondary hypertension. *Metabolism* 41: 1261-1266, 1992.
51. Sechi LA, Melis A, Bartoli E. Abnormalities of erythrocyte sodium transport systems in Bartter's Syndrome. *Am J Nephrol* 12: 137-143, 1992.
52. Sechi LA, Grady EF, Griffin CA, Kalinyak JE, Schambelan M. Distribution of angiotensin II receptor subtypes in rat and human kidney. *Am J Physiol* 262: F236-F240, 1992.
53. Sechi LA, Griffin CA, Grady EF, Grunfeld C, Kalinyak JE, Schambelan M. Tissue-specific regulation of insulin receptor mRNA levels in rats with STZ-induced diabetes mellitus. *Diabetes* 41: 1113-1118, 1992.
54. Sechi LA, Griffin CA, Grady EF, Kalinyak JE, Schambelan M. Characterization of angiotensin II receptor subtypes in rat heart. *Circ Res* 71: 1482-1489, 1992.
55. Sechi LA, Griffin CA, Grady EF, Kalinyak JE, Schambelan M. Insulin receptor concentration and gene expression are modulated by sodium intake in the rat kidney. *J Hypertens* 29: S212-S213, 1992.
56. Sechi LA, Grady EF, Griffin CA, Kalinyak JE, Schambelan M. Characterization of angiotensin II receptor subtypes in the rat kidney and heart using the nonpeptide antagonists DuP 753 and PD 123177. *J Hypertens* 9: S224-S225, 1992.
57. Sechi LA. The juxtaglomerular apparatus does not respond to furosemide in virtually anephric subjects. *Med Sci Res* 20: 51-52, 1992.
58. Sechi LA. In vitro evaluation of the effects of ritanserine and phentolamine on erythrocyte sodium transport. *Med Sci Res* 20: 29-30, 1992.
59. Sechi LA, Palomba D, Bartoli E. Acute effects of furosemide on blood pressure in functionally anephric, volume-expanded rats. *Am J Nephrol* 13:94-99, 1993.
60. Valentin JP, Sechi LA, Qiu C, Schambelan M, Humphreys MH. Urodilatin binds to and activates renal receptors for atrial natriuretic peptide. *Hypertension* 21: 432-438, 1993.
61. Kalinyak JE, Sechi LA, Griffin CA, Don BR, Tavangar K, Kraemer FB, Hoffman AR, Schambelan M. The renin-angiotensin system in streptozotocin-induced diabetes mellitus in the rat. *J Am Soc Nephrol* 4: 1337-1345, 1993.
62. Sechi LA, Valentin JP, Griffin CA, Schambelan M. Autoradiographic characterization of angiotensin II receptor subtypes in rat intestine. *Am J Physiol* 265: G21-G27, 1993.
63. Sechi LA, Valentin JP, Sechi G, Bartoli E. Renal and cardiac growth in diabetes mellitus: a role for the renin-angiotensin system. *Cardioneurology* Timio M, Wizemann W, eds., Wichtig Ed., Milan, 1993, pp.230-232.
64. Valentin JP, Sechi LA, Griffin CA. Renin, angiotensinogen and angiotensin II type I receptor mRNA levels after unilateral nephrectomy. *Cardioneurology* Timio M, Wizemann W, eds., Wichtig Ed., Milan, 1993, pp.167-169.
65. Sechi LA, Sechi G, Valentin JP, Bartoli E. Involvement of the renin-angiotensin system and different salt intakes in cardiac and renal growth in the rat. *Cardioneurology* Timio M, Wizemann W, eds., Wichtig Ed., Milan, 1993, pp.207-209.
66. Valentin JP, Ying W-Z, Sechi LA. Atrial natriuretic peptide and renal response to acute hypervolemia in nephrotic rats. *Cardioneurology* Timio M, Wizemann W, eds., Wichtig Ed., Milan, 1993, pp.147-149.
67. Valentin JP, Ying WZ, Sechi LA, Humphreys MH. Atrial natriuretic peptide and blunted renal responses to volume expansion in rats with Heymann nephritis. *J Hypertens* 11(suppl.5): 218-219, 1993.

68. Valentin JP, Sechi LA, Griffin CA, Humphreys MH, Schambelan M. Is the renin-angiotensin system involved in the compensatory renal adaptation to unilateral nephrectomy? *J Hypertens* 11(suppl.5): 236-237, 1993.
69. Sechi LA, Griffin CA, Sechi G, De Carli S, Bartoli E. Expression of the insulin receptor (IR) gene in tissues of rats with genetic hypertension (GH). *J Hypertens* 11(suppl.5): 68-69, 1993.
70. Sechi LA, Griffin CA, De Carli S, Sechi G, Schambelan M, Bartoli E. I recettori dell'angiotensina II nel tessuto di conduzione cardiaco. *Min Cardioangiolo* 41: 511-516, 1993.
71. Sechi LA, Sechi G, De Carli S, Griffin CA, Schambelan M, Bartoli E. Ruolo di proteine G regolatrici nel meccanismo intracellulare dei recettori cardiaci dell'angiotensina II. *Cardiologia* 38: 519-523, 1993.
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