

EUROPEAN CURRICULUM VITAE



PERSONAL INFORMATION

Name **GIORGIO IERVASI**
Address **BORGIO SAN IACOPO, 175 LIVORNO**
Telephone **+39 050 3152017**
Fax **+39 050 3152651**
E-mail **direttore@ifc.cnr.it**
Nationality ITALIAN
Date of birth LIVORNO, 30/05/1954

WORKING EXPERIENCE

- **Dates** 2014-present
- **Name and address of employer** National Research Council, Institute of Clinical Physiology – Pisa, Italy
- **Type of business or sector** Scientific Research
- **Occupation or position held** Director, Institute of Clinical Physiology, National Council Research (C.N.R.)
- **Main activities and responsibilities** Responsible for the research activities of the various departments of the Institute of Clinical Physiology-CNR, coordinating and promoting all scientific projects.

- **Dates** 2014
- **Name and address of employer** “Summer School” University of Pisa, Pisa, Italy
- **Type of business or sector** Cardiovascular Pathophysiology
- **Occupation or position held** Professor
- **Main activities and responsibilities** Teaching activities in Cardiovascular Endocrinology Pathophysiology

- **Dates** 2012-2014
- **Name and address of employer** CNR-Tuscany Region G. Monasterio Foundation, Pisa, Italy
- **Type of business or sector** Cardiovascular Endocrinology and Metabolism
- **Occupation or position held** Scientific Coordinator of CNR-Tuscany Region G. Monasterio Foundation
- **Main activities and responsibilities** Coordinator of all scientific activities

- **Dates** 2012-2014
- **Name and address of employer** “Scientific Associate” of the European funded Project FP7-ICT-2011-8 “BioASQ” A challenge on large-scale biomedical semantic indexing and question answering
- **Type of business or sector** Scientific Research
- **Occupation or position held** “Scientific Associate”

- **Main activities and responsibilities** Participation to the development of a new Biomedical Web-based platform
 - **Dates** 2012-present
- **Name and address of employer** National Research Council, Institute of Clinical Physiology – Pisa, Italy./Tuscany Region G Monasterio Foundation- Pisa, Italy
 - **Type of business or sector** Thyroid dysfunction and cardiovascular risk
 - **Occupation or position held** Member of the Steering Committee of “Thyroid Studies Collaboration Group”
 - **Main activities and responsibilities** The international scientific association includes the worldwide recognized experts on relationships between thyroid dysfunction and cardiovascular risk
- **Dates** 2011-2013
- **Name and address of employer** National Research Council, Institute of Clinical Physiology – Pisa, Italy /Tuscany Region G Monasterio Foundation- Pisa, Italy
 - **Type of business or sector** Cardiovascular Endocrinology and Metabolism Clinical
 - **Occupation or position held** Head of Cardiovascular Endocrinology and Metabolism Clinical & Experimental Department C.N.R./Tuscany Region G Monasterio Foundation
 - **Main activities and responsibilities** Responsible for the clinical and scientific activities of Endocrinology and Metabolism Clinical & Experimental Department C.N.R./Tuscany Region G Monasterio Foundation
- **Dates** 2011-present
- **Name and address of employer** Ministry of Health and National Research Council, Institute of Clinical Physiology – Pisa, Italy
 - **Type of business or sector** Scientific Research
 - **Occupation or position held** Member
 - **Main activities and responsibilities** Program Committee Member of the ‘Procollo Intesa’ between the Ministry of Health and CNR: integration of the Health Ministry and CNR initiatives
- **Dates** 2009-2014
- **Name and address of employer** Scuola Superiore S. Anna Pisa, Italy
 - **Type of business or sector** Cardiovascular Endocrinology and Metabolism
 - **Occupation or position held** Invited Professor at the Scuola Superiore S. Anna
 - **Main activities and responsibilities** Teaching activities in Cardiovascular Endocrinology and Metabolism
- **Dates** 2007-2013
- **Name and address of employer** National Research Council, Institute of Clinical Physiology – Pisa, Italy.
 - **Type of business or sector** Cardiovascular Endocrinology and Metabolism
 - **Occupation or position held** Research Director, C.N.R., Institute of Clinical Physiology
 - **Main activities and responsibilities** Coordinator of research activities
- **Dates** 2006
- **Name and address of employer** “Higher Education Commission International Center for Chemical and Biological Sciences ” (HEJ), Research Institute of Chemistry, Karachi, Pakistan
 - **Type of business or sector** Chemical and Biological Sciences
 - **Occupation or position held** Invited Professor
 - **Main activities and responsibilities** 6 “On–line Lectures” (Lectures through Video Conferencing).
- **Dates** 2004
- **Name and address of employer** National Research Council, Institute of Clinical Physiology – Pisa, Italy
 - **Type of business or sector** Endocrinology
 - **Occupation or position held** Invited member to “Treatment of Hypothyroidism: A Look Ahead” Cytomel Advisory Board Meeting - Washington DC – USA (Other members: Dr. I. Kein, New York, Dr. J.R. Garber, Boston, Dr. D. Ascheim, New York, Dr. T. Bigos, Scarborough, Dr. P.W. Clyde, Virginia Beach, Dr. S. Danzi, Manhasset, Dr. J. Klemperer, Bangor, Dr. R. Levine, Nashua, Dr. S.J. Mendel, Ardmore)
 - **Main activities and responsibilities** Expert scientific consultant

- **Dates** 2003
- **Name and address of employer** American Association for Eradication of Heart Attack – Vulnerable Plaque (AEHA)
 - **Occupation or position held** Invited member of the Scientific Advisory Board
 - **Main activities and responsibilities** Editorial activities
- **Dates** 2001-2006
- **Name and address of employer** National Research Council, Institute of Clinical Physiology – Pisa, Italy
 - **Type of business or sector** Cardiovascular Endocrinology and Metabolism
 - **Occupation or position held** Senior Researcher C.N.R., Institute of Clinical Physiology
 - **Main activities and responsibilities** Responsible of research projects
- **Dates** 1998-2010
- **Name and address of employer** National Research Council, Institute of Clinical Physiology – Pisa, Italy
 - **Type of business or sector** Cardiovascular Endocrinology and Metabolism
 - **Occupation or position held** Chief of the Cardiovascular Endocrine Research and Clinical Unit of the C.N.R. Institute of Clinical Physiology/G. Monasterio Foundation
 - **Main activities and responsibilities** Clinical and research activities
- **Dates** 1998- 2004
- **Name and address of employer** Scuola Superiore S. Anna Pisa, Italy, in collaboration with IFC-CNR and the International Heart School, Bergamo Italy
 - **Type of business or sector** “International Master in Cardiology, Cardio-surgery and correlated Anesthesia”
 - **Occupation or position held** Professor
 - **Main activities and responsibilities** Professor within the frame of the various editions of the “International Master in Cardiology, Cardio-surgery and correlated Anesthesia”
- **Dates** 1997- 2000
- **Name and address of employer** Ministry of Education, Universities and Research (Italy)
 - **Type of business or sector** Cardiovascular Endocrinology and Metabolism
 - **Occupation or position held** Responsible
 - **Main activities and responsibilities** Responsible of Work Package 2, CCCN1 "Biological and molecular bases of congenital neonatal heart diseases, neuroendocrine factors and cardiomyocytes: analysis, identification and characterization of possible correlations between congenital heart diseases and systemic and intracellular metabolism of thyroid hormones" of the National Project "Neonatal critical congenital Heart Disease."
- **Dates** 1991-1997
- **Name and address of employer** University of Pisa, Italy
 - **Type of business or sector** Internal Medicine and Nuclear Medicine
 - **Occupation or position held** Invited Professor Post graduate Schools for Doctors (Internal Medicine and Nuclear Medicine Specialties)
 - **Main activities and responsibilities** Teaching activities in Internal Medicine and Nuclear Medicine
- **Dates** 1991-1994
- **Name and address of employer** University of Pisa, Italy
 - **Type of business or sector** "Elements of Radiobiology, Radiation Dosimetry and Applied Biology of non-ionized and Metabolic Studies with Radioactive Tracers in Nuclear Medicine"
 - **Occupation or position held** Invited Professor
 - **Main activities and responsibilities** Teaching activities in Elements of Radiobiology, Radiation Dosimetry and Applied Biology of non-ionized and Metabolic Studies with Radioactive Tracers in Nuclear Medicine

- **Dates** 1991-1992
- **Name and address of employer** University of Pisa, Italy
 - **Type of business or sector** "Gastroenterology and Digestive Endoscopy"
 - **Occupation or position held** Invited Professor
 - **Main activities and responsibilities** Teaching activities in Nuclear Medicine Gastroenterology

- **Dates** 1990
- **Name and address of employer** National Research Council, Institute of Clinical Physiology – Pisa, Italy
 - **Type of business or sector** Cardiovascular Endocrinology and Metabolism
 - **Occupation or position held** Researcher C.N.R., Institute of Clinical Physiology
 - **Main activities and responsibilities** Research activities

EDUCATION AND TRAINING

- **Dates** 1986
- **Name and type of organisation providing education and training** University of Pisa, Pisa, Italy
 - **Principal subjects/occupational skills covered** Nuclear Medicine
 - **Level in national classification** Specialization

- **Dates** 1983
- **Name and type of organisation providing education and training** University of Pisa, Pisa, Italy
 - **Principal subjects/occupational skills covered** Internal Medicine
 - **Level in national classification** Specialization

- **Dates** 1978
- **Name and type of organisation providing education and training** University of Pisa, Pisa, Italy
 - **Principal subjects/occupational skills covered** Medicine
 - **Title of qualification awarded** Graduate degree in Medicine
 - **Level in national classification** MD

MOTHER TONGUE Italian

OTHER LANGUAGES English

- Reading Excellent
- Writing Excellent
- Speaking Excellent

OTHER LANGUAGES French

- Reading Good
- Writing Good
- Speaking Good

• **OTHER RELEVANT INFORMATION ABOUT THE SCIENTIFIC AND PROFESSIONAL CAREER**

-Member of the Faculty of Translational Medicine PhD – Scuola Superiore Sant’Anna Pisa
-Member of the Select Faculty to submit nomination for 2016 Ross Prize Molecular Medicine.
-President of CNR Expert Panel (Biomedical Area) for the evaluation of research projects of the Italian Ministry of Economic Development (MISE)

Member:

Managing Editor: International Journal of Endocrinology
Editorial Board: Frontiers Physiology
Editorial Board: Frontiers Endocrinology
Editorial Board: World Journal of Diabetes
Editorial Board: Journal of Geriatric Cardiology
Editorial Board: ISRN Cardiology

2009 Editor of the Book “Thyroid and Heart Failure From Pathophysiology to Clinics”, Springer Verlag Publisher.

Reviewer for:

Circulation
Nature Reviews Endocrinology and Metabolism
Journal of Molecular and Cellular Endocrinology
Journal of Clinical Endocrinology and Metabolism
Endocrinology
American Journal of Physiology
European Journal of Endocrinology
Critical Care
Clinical Endocrinology
Experimental Physiology
American Journal of Cardiology
Journal of Endocrinology
European Journal of Clinical Investigation
Thyroid
Molecular and Cellular Endocrinology Endocrine
European Journal of Radiology
Regulatory Peptides
Critical Care Medicine
Hormone Metabolic Research
Intensive Care Medicine
Biochemistry and Cell Biology
ICRS Cardiology
Medical Science Monitoring

Main international invited lectures (last five years):

“XVI EUROPEAN CONGRESS OF ENDOCRINOLOGY; EUROPEAN SOCIETY OF ENDOCRINOLOGY” 3-7 May 2014, WROCLAW Poland; “Thyroid dysfunction in critically ill patients: to treat or not to treat?”

“XV LATIN AMERICAN THYROID CONGRESS”, 21-23 March 2013, FLORIANOPOLIS, Brazil; “Thyroid Hormone replacement therapy and heart failure: when and how”

“XV LATIN AMERICAN THYROID CONGRESS”, 21-23 March 2013, FLORIANOPOLIS, Brazil; “Proangiogenetic action of TSH through its membrane receptor”

“XV LATIN AMERICAN THYROID CONGRESS”, 21-23 March 2013, FLORIANOPOLIS, Brazil; “Thyroid Hormone and the Cardiovascular System: from Basic Concepts to Clinical Applications”

“CHINA HEART CONGRESS”, Beijing, China, 11-14 August 2011; “Thyroid Hormone Treatment in Cardiac Diseases: More Light than Shadow ”

"14TH INTERNATIONAL THYROID CONGRESS", Paris, 11-16 September 2010; "The low T3 syndrome in cardiac patients and its treatment with T3"

"INTERNATIONAL CARDIOLOGY CONGRESS: TRACK 1-15 2009: HEART FAILURE", China; "Thyroid function and heart failure"

Honors

2003 Award as "Featured Article of the Month" by the AEHA International Society (Association for the Eradication of Heart Attack) for the Article: "Low-T3 Syndrome: a strong prognostic predictor of death in patients with heart disease" (Circulation 2003;107:708-713)

Main ongoing international research support 2013-2016

-Partner of the European Community-funded Seventh Framework Programme Theme Project CIP-ICT-PSP-2012, Title: "OpenScienceLink- Open Semantically-enabled, Social-aware Access to Scientific Data".

Main ongoing national research support 2012-2015

-Responsible of Italian Grant: "Study of the molecular, biochemical and metabolic mechanisms involved in the cardioprotective effect of T3".

PUBLICATION

1. Carpi A., Iervasi G., Nicolini A., Del Corso L., Levanti C., Zucchelli G.C., Bianchi R. Serum thyroid hormone concentrations and recovery of TSH secretion after excision of autonomously functioning thyroid nodules *Metabolism* 1982;31(5):417-420 (IF:1.7)
2. Nicolini A., Immacolato M., Lazzerini G., Iervasi G., Carpi A. Effetti della associazione metimazolo-dibromotirosina sui livelli circolanti degli ormoni tiroidei e del TSH in Pazienti ipertiroidei *Farmaci* 1983;4:3-8
3. Carpi A., Iervasi G., Nicolini A., Bianchi R. Clinical use of free serum thyroid hormones assays RAYS *Sciences* 1984;9(1):131-142
4. Bianchi R., Molea N., Cazzuola F., Fusani L., Iervasi G., Bertelli P., Ferdeghini M., Mariani G. Separazione HPLC delle iodotironine sieriche per studi sul metabolismo periferico degli ormoni tiroidei in vivo. *Ligand Quaterly* 1986;5(4):57-68
5. Bianchi R., Pilo A., Iervasi G., Vitek F., Ferdeghini M., Cazzuola F., Molea N. Multicompartmental vs noncompartmental analysis of T4 and T3 kinetics in normals and hypothyroid patients. *Nuklearmedizin* F.K. Schattauer Verlag, 1987, 332-334 (IF: 0.6)
6. Bianchi R., Iervasi G., Pilo A., Vitek F., Ferdeghini M., Cazzuola F., Giraudi G.F. Role of serum carrier proteins in the peripheral metabolism and tissue distribution of thyroid hormones in familial dysalbuminemic hyperthyroxinemia and congenital elevation of thyroxine-binding globulin *J Clin Invest* 1987;80:522-534 (IF:9.3)
7. Carpi A., Nicolini A., Iervasi G., Toscano S., Giannesi., Luti R. Evaluation of a new pharmacological preparation containing L-Thyroxine in solution: comparison with L-Thyroxine and Triiodotironine tablets *Clinical Trials Journal* 1988;25(3):172-180
8. Pilo A., Iervasi G., Vitek F., Ferdeghini M., Cazzuola F., Bianchi R. Thyroidal and peripheral production of 3,5,3'-triiodothyronine in humans by multicompartmental analysis *Am J Physiol* 1990;258:E715-E726 (IF:3.1)
9. Pilo A., Zucchelli G.C., Malvano R., Clerico A., Iervasi G., Signorini C. Interassay variability of immunometric methods for thyrotropin in an external quality assessment survey: evidence that functional sensitivity is not always adequate for clinical decisions *Clin Chem* 1992;38:1345-9 (IF:3.5)
10. Bianchi R., Iervasi G., Matteucci F., Turchi S., Cazzuola F., Bellina R.C., Boni G., Molea N., Ferdeghini M., Toni M.G., Mariani G. Chromatographic identification in serum of endogenously radioiodinated thyroid hormones after iodine-131 whole body scintigraphy in the follow-up of patients with differentiated thyroid carcinoma *J Nucl Med*

1993;34:2032-37 (IF:3.1)

11. Iervasi G, Clerico A, Berti S, Pilo A, Vitek F, Biagini A, Baratto M.T., Bianchi R., Donato L. ANP kinetics in normal men: in vivo measurement by a tracer method and correlation with sodium intake. *Am J Physiol* 1993;264:F480-9 (IF:3.1)
12. Pilo A., Iervasi G., Vitek F., Turchi S., Bianchi R. Disposal and distribution of rT3 in humans: a new double-tracer kinetic study *Am J Physiol* 1993;264(2pt1):E239-49
13. Clerico A, Iascone M.R., Manfredi C. and Iervasi G. The role of nuclear medicine in the assessment of the endocrine function of the heart *J Nucl Biol Med* 1994;38:37-46
14. Iervasi G., Clerico A., Pilo A., Berti S., Vitek F., Biagini A., Bianchi R., Donato L. Kinetic study of atrial natriuretic peptide in patients with idiopathic dilated cardiomyopathy: evidence for resistance to biologic effects of the hormone even in patients with mild myocardial involvement *J Cardiovasc Pharmacol* 1994;24:626-37(IF:1.7)
15. Biagini A., Iervasi G., Clerico A., Berti S., Pilo A., Vitek F., Bonini R., Bianchi R., Donato L. Peripheral thyroid hormone metabolism in patients with complex ventricular arrhythmias *Am J Cardiol* 1995;75:630-3 (IF:2.1)
16. Clerico A., Iervasi G., Berti S., Pilo A., Vitek F., Salvadori S., Marastoni M., Manfredi C., Del Chicca M.G., Iascone M.R., Biagini A. In vivo measurement of ANP overall turnover and identification of its main metabolic pathways under steady state conditions in humans *J Endocrinol Invest* 1995;18:194-204 (IF:0.8)
17. Clerico A., Iervasi G., Iascone M.R., Manfredi C., Sabatino L., Bertelli A., Bertelli A.A.E. Evaluation of the endocrine function of the heart in humans: Proposal for an integrated approach for the assessment of production, secretion, distribution and degradation of Atrial Natriuretic Factor and Related Peptides *Int J Clin Pharmacol* 1995;15:65-86 (IF:0.4)
18. Clerico A., Iervasi G., Manfredi C., Salvadori S., Marastoni M., Turchi S., Del Chicca M.G., Giannessi D., Del RY S., Andreassi M.G., Biagini A., Donato L. Preparation of mono-radio-iodinated tracers for studying the in vivo metabolism of atrial natriuretic peptide in humans. *Eur J Nucl Med* 1995;22:997-1004 (IF:2.6)
19. Clerico A., Iervasi G. Alterations in metabolic clearance of ANP in heart failure: how does it relate to the resistance to ANP? *J Card Fail* 1995;1(4):323-328
20. Iervasi G., Clerico A., Berti S., Pilo A., Biagini A., Bianchi R., Donato L. Altered tissue degradation and distribution of Atrial Natriuretic Peptide in patients with idiopathic dilated cardiomyopathy and its relationship with clinical severity of the disease and sodium handling *Circulation* 1995;91:2018-27 (IF:9.3)
21. Manfredi C., Clerico A., Iervasi G., Turchi S., Cazzuola F., Berti S., Sabatino L., Biagini A. Measurement of serum amiodarone and desethylamiodarone by HPLC: its usefulness in the follow-up of arrhythmic patients treated with amiodarone *Int J Clin Pharmacol* 1995;15:87-93 (IF:0.4)
22. Murzi B., Iervasi G., Masini S., Moschetti G., Vanini V., Zucchelli G.C., Biagini A. Thyroid hormones homeostasis in pediatric patients during and after cardiopulmonary by-pass *Ann Thorac Surg* 1995;59:481-485 (IF:2.2)
23. Clerico A., Iervasi G., Iascone M.R., Manfredi C., Sabatino L., Biagini A. Resistance to biological effects of atrial natriuretic peptide in heart failure. *Internal Med* 1995; 3:57-64 (IF:0.4)
24. Del Ry S., Andreassi M.G., Lazzerini G., Iervasi G., Clerico A., Biagini A., Giannessi D. Determination of endothelin binding sites in bovine atrium and ventricle membranes: a model for binding studies in human cardiac tissue *Int J Tiss Reac* 1995;XVII(3):117-124 (IF:0.4)
25. Iervasi G., Clerico A., Berti S., Pilo A., Manfredi C., Sabatino L., Iascone M.R., Palmieri C., Biagini A., Donato L. Altered peripheral thyroid hormone metabolism in patients with complex ventricular arrhythmias and normal serum concentrations of thyroid hormones and TSH *Thyroidology Clin Exp* 1995;7:43-8
26. Iervasi G., Clerico A., Pilo A., Berti S., Vitek F., Biagini A., Bianchi R., Donato L. Normalization of peripheral thyroid hormone metabolism induced by successful chronic amiodarone treatment in patients with ventricular arrhythmias *Eur J Clin Invest* 1996;26:382-90 (IF:1.9)
27. Berti S., Palmieri C., Ravani M., Bonini R., Iascone M.R., Clerico A., Manfredi C., Iervasi G., Biagini A. Acute enoximone effect on systemic and renal hemodynamics in patients with heart failure *Cardiovasc Drug Ther* 1996;10:81-87 (IF:1.1)
28. Clerico A., Iervasi G., Del Chicca M.G., Maffei S., Berti S., Sabatino L., Turchi S., Cazzuola F., Manfredi C., Biagini A. Analytical performance and clinical usefulness of a commercially available IRMA kit for measuring atrial natriuretic peptide in patients with heart failure *Clin Chem* 1996;42:1627-33 (IF:3.5)

29. Iervasi G., Clerico A., Bonini R., Manfredi C., Ravani M., Forini F., Palmieri C., Turchi S., Cazzuola F., Musetti M., Biagini A. Acute effects of intravenous amiodarone administration on thyroid function in arrhythmic patients: preliminary results *Thyroidol Clin Exp* 1996;8:21-27
30. Clerico A., Iervasi G., Forini F. Importance of circulatory models in turnover studies of hormones rapidly cleared from the blood stream: the example of atrial natriuretic peptide *Internal Med* 1996;4:53-56 (IF:0.4)
31. Carpi A., Ferrari E., Sagripanti A., Nicolini A., Iervasi G., De Gaudio C., Romani R., Di Coscio G. Aspiration needle biopsy refines preoperative diagnosis of thyroid nodules defines aspiration as microfollicular nodule *Biomed Pharmacother* 1996;50(8):325-8 (IF:0.7)
32. Iervasi G., Clerico A., Bonini R., Manfredi C., Berti S., Ravani M., Palmieri C., Carpi A., Biagini A., Chopra I.J. Acute effects of amiodarone administration on thyroid function in patients with cardiac arrhythmia *J Clin Endocrinol Metab* 1997;82:275-80 (IF:5.6)
33. Iervasi G., Clerico A., Pilo A., Vitek F., Berti S., Palmieri C., Ravani M., Sabatino L., Manfredi C., Del Chicca M.G., Biagini A., Donato L. Evidence that atrial natriuretic peptide tissue extraction is not changed by large increases of its plasma levels induced by pacing in humans *J Clin Endocrinol Metab* 1997;82:884-888 (IF:5.6)
34. Iervasi G., Clerico A., Manfredi C., Sabatino L., Biagini A., Chopra I.J. Acute effects of intravenous amiodarone on sulphate metabolites of thyroid hormones in arrhythmic patients *Clin Endocrinol* 1997;47(6):699-705 (IF:3.1)
35. Pilo A., Iervasi G., Clerico A., Vitek F., Berti S., Palmieri A., Biagini A., Donato L. Circulatory model in metabolic studies of rapidly renewed hormones: application to ANP kinetics *Am J Physiol (sez. "Modeling in Physiology")* 1998;274(3):E560-E572 (IF:3.1)
36. Vitek F., Pilo A., Pich J., Iervasi G., Zitko M., Clerico A. Applicability of a circulatory model for determining the parameters of kinetics of endogenously produced compounds *Sborn Lek* 1998;99(4):539-547
37. Iervasi G., Clerico A., Bonini R., Nannipieri M., Manfredi C., Sabatino L., Biagini A., Donato L. Effect of antiarrhythmic therapy with intravenous loading dose of amiodarone: evidence for an altered response in diabetic patients *Int J Clin Pharmacol Res* 1998;18(3):109-20 (IF:0.4)
38. Iervasi G., Clerico A., Pilo A., Sabatino L., Manfredi C., Forini F., Del Chicca M.G., Palmieri C., Ravani M., Donato L. Atrial natriuretic peptide is not degraded by the lungs in humans *J Clin Endocrinol Metab* 1998;83(8):2898-906 (IF:5.6)
39. Maffei S., Clerico A., Iervasi G., Nannipieri M., Del Ry S., Giannessi D., Donato L. Circulating levels of cardiac natriuretic hormones measured in women during menstrual cycle *J Endocrinol Invest* 1999; 22(1):1-5 (IF:2.02)
40. Clerico A., Iervasi G., Del Chicca M.G., Emdin M., Maffei S., Nannipieri M., Sabatino L., Forini F., Manfredi C., Donato L., Circulating levels of cardiac natriuretic peptides (ANP and BNP) measured by highly sensitive and specific immunoradiometric assays in normal subjects and in patients with different degrees of heart failure *J Endocrinol Invest* 1998;21(3):170-9 (IF:2.02)
41. Iervasi G., Manfredi C., Scarlattini M., Emdin M., Caratterizzazione e follow-up della funzione tiroidea nel paziente trattato con amiodarone *Cardiol Extraosp* 1998;4:366-369
42. Clerico A., Iervasi G., Del Ry S., Giannessi D., Immunoassay methods for the measurement of natriuretic cardiac hormones-ANP, BNP, and related peptides-in humans *J Clinical Ligand Assay* 1999;22:194-204 (IF:0.5)
43. Clerico A., Iervasi G., Mariani G., Pathophysiology relevance of measuring the plasma levels of cardiac natriuretic peptide hormones in humans *Horm Metab Res* 1999;31(9):487-98 (IF:2.2)
44. Clerico A., Iervasi G., Pilo A. Turnover studies on cardiac natriuretic peptides: methodological, pathophysiological and therapeutical considerations *Current Drug Metabolism* 2000;1:85-105
45. Emdin M., Pratali L. and Iervasi G. Abolished vagal tone associated with thyrotoxicosis triggers prinzmatal variant paroxysmal atrial fibrillation *Ann Intern Med* 2000;132(8):679 (IF:10.9)
46. Sabatino L., Iervasi G., Ferrazzi P., Francesconi D., Chopra I.J. A study of iodothyronine 5'-monodeiodinase activities in normal and pathological tissues in man and their comparison with activities in rat tissues *Life Sciences* 2000;68:191-202 (IF:1.9)
47. Colzani R.M., Emdin M., Conforti F., Passino C., Scarlattini M. and Iervasi G. Hypertyroidism is associated with lengthening of ventricular repolarization *Clin Endocrinol* 2001;55(1):27-32 (IF:3.1)

48. Sabatino L., Chopra I.J., Tanavoli S., Iacconi P. and Iervasi G. A radioimmunoassay for type I iodothyrone 5'-monodeiodinase in human tissues *Thyroid* 2001 ;11(8):733-739(IF:2.2)
49. Forini F., Paolicchi A., Pizzorusso T., Ratto G.M., Saviozzi M., Vanini V and Iervasi G. 3,5,3'-thiiodothyronine deprivation affects phenotype and intracellular (Ca²⁺)_i of human cardiomyocytes in culture *Cardiovasc Res* 2001;51(2):322-30 (IF:3.0)
50. Fommei E., Iervasi G. The role of thyroid hormone in blood pressure homeostasis: evidence from short-term hypothyroidism in humans. *J Clin Endocrinol Metab* 2002;87:1996-2000
51. Sabatino L., Cerillo A.G., Ripoli A., Pilo A., Glauber M., Iervasi G. Is the low T3 state a crucial factor determining the outcome of coronary artery bypass patients? Evidence from a clinical pilot study. *J Endocrinology* 2002;175:577-86
52. Iervasi G., Pingitore A., Landi P., Raciti M., Ripoli A., Scarlattini M., L'Abbate A., Donato L. Low-T3 syndrome: a strong prognostic predictor of death in patients with heart disease. *Circulation* 2003;107:708-713
53. Iervasi G., Pingitore A., Landi P., Raciti M., Ripoli A., Scarlattini M., L'Abbate A., Donato L. Low triiodothyronine and cardiovascular disease. *Circulation* 2003;108(4): author reply e29-30
54. Nicolini G., Balzan S., Colzani R., Scarlattini M., Taddei M.C., and Iervasi G. Erythrocyte Na⁺/K⁺-ATPase is increased in subjects with subclinical hypothyroidism. *Clinical Endocrinology* 2004;60:705-710
55. Iervasi A., Iervasi G., Bottoni A., Boni G., Annichiarico C., Di Cecco P., and Zucchelli GC. Diagnostic performance of a new highly sensitive thyroglobulin immunoassay. *Journal of Endocrinology* 2004;182:287-294
56. Forini F., Nicolini G., Balzan S., Ratto GM., Murzi B., Vanini V., Iervasi G. Amiodarone inhibits the 3,5,3'-triiodothyronine-dependent increase of sodium potassium adenosine triphosphatase activity and concentration in human atrial myocardial tissue. *Thyroid* 2004;14(7):491-497
57. Scoscia E., Baglioni S., Eslami A., Iervasi G., Monti S., Todisco T. Low triiodothyronine (T3) state: a predictor of outcome in respiratory failure? Results of a clinical pilot study. *European Journal of Endocrinology* 2004;151(5):557-60
58. Gasbarri A., Marchetti C., Iervasi G., Bottoni A., Nicolini A., Bartolazzi A., Carpi A. From the bench to the bedside. Galectin-3 immunodetection for improving the preoperative diagnosis of the follicular thyroid nodules. *Biomed Pharmacother* 2004 ; 25: 356-59
59. Colantuoni A., Marchiafava PL., Lapi D., Forini FS., Iervasi G. The effects of tetraiodothyronine and triiodothyronine on hamster cheek pouch microcirculation. *Am J Physiol Heart Circ Physiol* 2005;288:H1931-1936
60. Pingitore A., Landi P., Taddei MC., Ripoli A., L'Abbate A., Iervasi G. Triiodothyronine levels for risk stratification of patients with chronic heart failure. *American Journal of Medicine* 2005;118:2:132-36
61. Ripoli A., Pingitore A., Favilli B., Bottoni A., Turchi S., Osman N., De Marchi D., Lombardi M., L'Abbate A., Iervasi G. Does subclinical hypothyroidism affect cardiac pump performance? Evidence from a Magnetic Resonance Imaging study. *JACC* 2005;45:439-45
62. Sabatino L., Colantuoni A., Iervasi G. Is the Vascular System a Main Target for Thyroid Hormones? From Molecular and Biochemical Findings to Clinical Perspectives. *Current Vascular Pharmacology* 2005;3:133-145
63. Pingitore A., Iervasi G. Thyroid (dys)function in heart failure: is it a potential target for medical treatment? *Vascular health and risk management* 2005;1(2): 97-100
64. Pingitore A., Iervasi G. Funzione tiroidea e scompenso cardiaco: dalle nuove evidenze cliniche alle possibili implicazioni terapeutiche. *Recenti Progressi in Medicina* 2005;96(11):535-541
65. Carpi A., Naccarato AG., Iervasi G., Nicolini A., Bevilacqua G., Viacava P., Collecchi P., Lavra L., Marchetti C., Sciacchitano S., Bartolazzi A. Large needle aspiration biopsy and galectin-3 determination in selected thyroid nodules with indeterminate FNA-cytology. *Br J Cancer* 2006;95(2):204-9
66. Iervasi A., Iervasi G., Carpi A., Zucchelli GC. Serum thyroglobulin measurement : clinical background and main methodological aspects with clinical impact. *Biomedicine & Pharmacotherapy* 2006;60:414-424
67. Pingitore A., Iervasi G., Barison A., Prontera C., Pratali L., Emdin M., Giannessi D., Neglia D. Early activation of an altered thyroid hormone profile in asymptomatic or mildly symptomatic idiopathic left ventricular dysfunction. *Journal of Cardiac Failure* 2006; 12(7):520-526

68. Franchi D., Iervasi G., Cini D., Benassi A., Cristofani R. Modello computerizzato per la Valutazione Integrata del Rischio Cardiovascolare (VIRC): fattori noti ed emergenti. *Rivista Italiana d'Igiene* 2006;66(1-2):7-25
69. Iervasi G. Thyroid and heart failure. *Thyroidology* 2006; 17:1-9
70. Carpi A., Nicolini A., Marchetti C., Iervasi G., Antonelli A., Carpi F. Percutaneous large needle aspiration biopsy of palpable thyroid nodules: technical and diagnostic performance. *Histopathology* 2007; 51: 249-257
71. Iervasi G., Molinaro S., Landi P., Taddei M.C., Galli E., Mariani F., L'Abbate A., Pingitore A. Association between increased mortality and mild thyroid dysfunction in cardiac patients. *Arch Intern Med* 2007; 167(14): 1526-1532
72. Iervasi A., Iervasi G., Ferdeghini M., Solimeo C., Bottoni A., Rossi L., Colato C., Zucchelli G.C. Clinical relevance of highly sensitive Tg assay in monitoring patients treated for differentiated thyroid cancer. *Clinical Endocrinology* 2007; 67(3): 434-441
73. Sabatino L., Gliozheni E., Molinaro S., Bonotti A., Azzolina S., Popoff G., Carpi A., Iervasi G. Thyroid hormone receptor and IGF1/IGFR systems: Possible relations in the human heart. *Biomed Pharmacother* 2007; 61(8):457-62. Epub 2007 May 22.
74. Balzan S., Nicolini G., Forini F., Boni G., Del Carratore R., Nicolini A., Carpi A., Iervasi G. Presence of a functional TSH receptor on human erythrocytes. *Biomed Pharmacother* 2007 ;61(8):463-7. Epub 2007 May 25.
75. Pingitore A., Di Bella G., Lombardi M., Iervasi G., Strata E., Aquaro G.D., Positano V., De Marchi D., Rossi G., L'Abbate A., Rovai D. The obesity paradox and myocardial infarct size. *J Cardiovasc Med (Hagerstown)*. 2007 Sep;8(9):713-7
76. Pingitore A., Iervasi G. Triiodothyronine (T3) effects on cardiovascular system in patients with heart failure. *Recent Patents on Cardiovascular Drug Discovery* 2008;3: (1):19-27. Review.
77. Pingitore A., Galli E., Barison A., Iervasi A., Scarlattini M., Nucci D., L'Abbate A., Mariotti R., Iervasi G. Acute effects of triiodothyronine replacement therapy in patients with chronic heart failure and low-t3 syndrome: a randomized, placebo-controlled study. *J Clin Endocrinol Metab*. 2008;93(4):1351-8
78. Carpi A., Di Coscio G., Iervasi G., Antonelli A., Mechanick J., Sciacchitano S., Nicolini A. Thyroid fine needle aspiration: How to improve clinicians' confidence and performance with the technique. *Cancer Lett*. 2008; 264(2):163-171
79. Iervasi G. Il tumore differenziato tiroideo: principi di diagnosi, stadiazione e trattamento. *Ligand Assay* 2008 ;13(3):191-196
80. Balzan S., Frascarelli S., Nicolini G., Lubrano V., Forini F., Iervasi G., Zucchi R., Montali U. Acute infusion of recombinant human thyrotropin in Langendorff-rat hearts: Role of a thyrotropin receptor. *Int J Cardiol*. 2009 Jul;27(5):259-63
81. Passino C., Pingitore A., Landi P., Iervasi G. Prognostic value of combined measurement of brain natriuretic peptide and triiodothyronine in heart failure. *J Card Fail*. 2009 Feb;15(1):35-40. Epub 2008 Oct 4.
82. Gimelli A., Rossi G., Landi P., Marzullo P., Iervasi G., L'Abbate A., Rovai D. Stress/Rest Myocardial Perfusion Abnormalities by Gated SPECT: Still the Best Predictor of Cardiac Events in Stable Ischemic Heart Disease. *J Nucl Med*. 2009 Mar 16.
83. Balzan S, Del Carratore R, Nicolini G, Forini F, Lubrano V, Simili M, Benedetti PA, Iervasi G TSH induces co-localization of TSH receptor and Na/K-ATPase in human erythrocytes. *Cell Biochem Funct*. 2009;22;27(5):259-263. [Epub ahead of print] (IF 1.7)
84. Nannipieri M., Cecchetti F., Anselmino M., Nicolini G., La Macchia S., Camastra S., M. Rossi M., Iervasi G., Ferrannini E. Expression of thyrotropin and thyroid hormone receptors in adipose tissue of subjects with morbid obesity and/or type 2 diabetes: effects of weight loss. *International Journal of Obesity* 2009;33(9):1001-6
85. Coceani M., Iervasi G., Pingitore A., Carpeggiani C., L'Abbate A. Thyroid hormone and coronary artery disease: from clinical correlations to prognostic implications. *Clin Cardiol* 2009;32(7):380-385
86. Cini A., Carpi A., Mechanick J., Cini L., Camici M., Galetta F., Giardino R., Russo M.A., Iervasi G. Thyroid hormones and the cardiovascular system; pathophysiology and interventions. *Biomedicine and Pharmacotherapy* 2009;63:742-753
87. Zucchelli G.C., Iervasi A., Ferdeghini M., Iervasi G. Serum thyroglobulin measurement in the follow-up of patients treated for differentiated thyroid cancer. *Q J Nucl Med Mol Imaging*. 2009 Oct;53(5):482-9.
88. Galli E., Pingitore A., Iervasi G. Thyroid hormone in the pathophysiology of heart failure: clinical evidence. *Heart Fail Rev*. 2010;15(2):155-69

89. Lubrano V, Pingitore A, Carpi A, Iervasi G. Relationship between triiodothyronine and proinflammatory cytokines in chronic heart failure. *Biomedicine and Pharmacotherapy* 2010 Mar;64(3):165-9
90. Carpi A, Rossi G, Coscio G.D, Iervasi G, Nicolini A, Carpi F, Mechanick JI, Bartolazzi A. Galectin-3 detection on large-needle aspiration biopsy improves preoperative selection of thyroid nodules: A prospective cohort study. *Ann Med* 2010;42(1):70-8
91. Cerillo A.G, Storti S, Clerico A, Iervasi G. Thyroid function and cardiac surgery: what should we measure, and when? *Ann Thorac Surg.* 2010 Mar;89(3):1010-1.
92. Pingitore A, Iervasi G, Gerdes MA. Letter by Pingitore et al regarding article, "DITPA (3,5-diiodothyropropionic acid), a thyroid hormone analog to treat heart failure: phase II trial Veterans Affairs cooperative study". *Circulation.* 2010 Mar 16;121(10):e240; author reply e241
93. Gerdes M.A, Iervasi G. Thyroid replacement therapy and heart failure. *Contemporary Reviews in Cardiovascular Medicine series.* *Circulation* 2010;122(4):385-393 (14)
94. Rodondi N, Den Elzen WP, Bauer D.C, Cappola A.R, Razvi S, Walsh J.P, Asvold B.O, Iervasi G, Imaizumi M, Collet T.H, Bremner A, Maisonneuve P, Sgarbi J.A, Khaw K.T, Vanderpump M.P, Newman A.B, Cornuz J, Franklyn J.A, Westendorp R.G, Vittinghoff E, Gussekloo J, for the Thyroid Studies Collaboration. Subclinical Hypothyroidism and the Risk of Coronary Heart Disease and Mortality. *JAMA* 2010 Sep 22;304(12):1365-1374.(28)
95. Iervasi G, Clerico A. Harmonization of free thyroid hormone tests: a mission impossible? *Clin Chem Med* 2011;49 (2)
96. Franchi D, Cini D, Iervasi G. A new Web-based medical tool for assessment and prevention of comprehensive cardiovascular risk. *Ther Clin Risk Manag.* 2011;7:59-68. Epub 2011 Feb 17.
97. Pingitore A, Chen Y, Gerdes AM, Iervasi G. Acute myocardial infarction and thyroid function: New pathophysiological and therapeutic perspectives. *Ann Med.* 2011 May 13 (4.5)
98. Coceani M, Molinaro S, Scalese M, Landi P, Carpeggiani C, L'Abbate A, Iervasi G, Pingitore A. Thyroid hormone, amiodarone therapy, and prognosis in left ventricular systolic dysfunction. *J Endocrinol Invest.* 2011;34(6):e144-148 (1.5)
99. Giovannini S, Zucchelli GC, Iervasi G, Iervasi A, Chiesa MR, Mercuri A, Renieri A, Prontera C, Conte R, Clerico A. Multicentre comparison of free thyroid hormones immunoassays: the Immunocheck study. *Clin Chem Lab Med* 2011;49 (2)
100. Mourouzis I , Forini F , Pantos C , Iervasi G . Thyroid hormone and cardiac disease : from basic concepts to clinical application *J Thyroid Res .* 2011 ; 2011 : 958626 . Epub 2011 Jun 1 9.
101. Balzan S, Carpi A, Evangelista M, Nicolini G, Pollastri A, Bottoni A, Iervasi G. Acute effect of TSH on oxygenation state and volume of erythrocytes from subjects thyroidectomized for differentiated thyroid carcinoma .*omed Pharmacother.* 2011; 65(5): 381 -4. Epub 2011 Jun 17.(1.7)
102. Forini F, Lionetti V, Ardehali H, Pucci A, Cecchetti F, Ghanefar M, Nicolini G, Ichikawa Y, Nannipieri M, Recchia F.A, Iervasi G. Early long-term L-T3 replacement rescues mitochondria and prevents ischemic cardiac remodeling in rats. *J Cell Mol Med.* 2011 Mar;15(3):514-24 (5.2)
103. Del Carratore R, Carpi A, Befly P, Lubrano V, Giorgetti L, Maserti BE, Carluccio MA, Simili M, Iervasi G, Balzan S. Itraconazole inhibits HMEC-1 angiogenesis. *Biomedicine and Pharmacotherapy* 2012;66(4):312-317
104. Molinaro S , Iervasi G, Lorenzoni V, Coceani M, Landi P, Srebot V, Mariani F, L'Abbate A, Pingitore A. Persistence of Mortality Risk in Patients With Acute Cardiac Diseases and Mild Thyroid Dysfunction. *Am J Med Sci.* 2012 ;343(1):65-70 (1.4)
105. Galli E, Marchini M, Saba A, Berti S, Tonacchera M, Vitti P, Scanlan TS, Iervasi G, Zucchi R. Detection of 3-Iodothyronamine in Human Patients: A Preliminary Study. *J Clin Endocrinol Metab.* 2012;97(1):E69-E74 Oct 26 (6.7)
106. Balzan S, Del Carratore R, Nicolini G, Befly P, Lubrano V, Forini F, Iervasi G. Proangiogenic effect of TSH in human microvascular endothelial cells through its membrane receptor. *J Clin Endocrinol Metab.* 2012;97(5):1763-1770
107. Marchetti I, Iervasi G, Mazzanti MC, Lessi F, Tomei S, Naccarato AG, Aretini P, Alberti B, Di Coscio G, and Bevilacqua G. Detection of the BRAFV600E mutation in fine needle aspiration cytology of thyroid papillary microcarcinoma cells selected by manual macrodissection: an easy tool to improve the preoperative diagnosis. *Thyroid* 2012;22(3):292-298 (4.3)

108. Iervasi G, Forini F, Sabatino L. A glass of wine: how good is good? The resveratrol lesson. *Crit Care Med* 2012;40(11):3098-99
109. Iervasi G, Bottoni A, Filidei E. Is recombinant human TSH as effective as thyroid hormone withdrawal in detection and treatment of metastatic differentiated thyroid cancer? *Expert Review of Endocrinology and Metabolism* 2012;7(12):633-35
110. Collet TH, Gussekloo J, Bauer DC, den Elzen WP, Cappola AR, Balmer P, Iervasi G, Åsvold BO, Sgarbi JA, Völzke H, Gencer B, Maciel RM, Molinaro S, Bremner A, Luben RN, Maisonneuve P, Cornuz J, Newman AB, Khaw KT, Westendorp RG, Franklyn JA, Vittinghoff E, Walsh JP, Rodondi N; Thyroid Studies Collaboration. Subclinical hyperthyroidism and the risk of coronary heart disease and mortality. *Arch Intern Med.* 2012 May 28;172(10):799-809.
111. Fontana M., Passino C., Poletti R., Zyw L., Prontera C., Scarlattini M., Clerico A., Emdin M., Iervasi G. Low Triiodothyronine and exercise capacity in heart failure. *International Journal of Cardiology* 2012
112. Cantinotti M, Lorenzoni V, Storti S, Moschetti R, Murzi B, Marotta M, Crocetti M, Molinaro S, Clerico A, Portman M, Iervasi G. Thyroid and brain natriuretic peptide response in children undergoing cardiac surgery for congenital heart disease: age-related variations and prognostic value. *Circulation Journal* 2013;77(1):188-97
113. Marraccini P, Bianchi M, Bottoni A, Mazzarisi A, Coceani M, Molinaro S, Lorenzoni V, Landi P, Iervasi G. Prevalence of thyroid dysfunction and effect of contrast medium on thyroid metabolism in cardiac patients undergoing on coronary angiography. *Acta Radiologica* 2013;54(1):42-47
114. Iervasi G., Nicolini G. Thyroid hormone and cardiovascular system: from basic concepts to clinical application. *Internal and Emergency Medicine*, 2013;8:71-74
115. Vassalle C., Iervasi G. Cathepsin K – A classical bone biomarker in cardiovascular disease: the heart is not alone anymore. *Atherosclerosis* 2013;228:36-37
116. Nicolini G, Pitto L, Kusmic C, Balzan S, Sabatino L, Iervasi G, Forini F. New insight into mechanism of cardioprotection mediated by thyroid hormones. *Journal of Thyroid Research* 2013;2013:264387
117. Carpi A, Rossi G, Nicolini A, Iervasi G, Russo M, Mechanick J. Does large needle aspiration biopsy add pain to the thyroid nodule evaluation? *PLoS One.* 2013;8(3):e58016.
118. Cantinotti M, Clerico A, Iervasi G. Age-and disease-related variations in B-type natriuretic peptide response after pediatric cardiac surgery. *J Thorac Cardiovasc Surg.* 2013 May;145(5):1415-16
119. Adamopoulos S, Gouziouta A, Mantzouratou P, Laoutaris ID, Dritsas A, Cokkinos DV, Mourouzis I, Sfyarakis P, Iervasi G, Pantos C. Thyroid hormone signaling is altered in response to physical training in patients with end-stage heart failure and mechanical assist devices: potential physiological consequences? *Interact Cardiovasc Thorac Surg* 2013;17(4): 664-68
120. Menicucci D, Sebastiani L, Comparini A, Pingitore A, Ghelarducci B, L'Abbate A, Iervasi G, Gemignani A. Minimal changes of thyroid axis activity influence brain functions in young females affected by subclinical hypothyroidism. *Archives Italiennes de Biologie* 2013;151:1-10
121. Cantinotti M, Iervasi G, Clerico A. B-type natriuretic peptide in children undergoing pediatric cardiac surgery: just a marker of disease severity strongly related to age or much more? *The Journal of Thoracic and Cardiovascular Surgery* 2014;147(1): 541
122. Weltman NY, Pingitore A, Iervasi G. Relation of triiodothyronine to subclinical myocardial injury in patients with chest pain. *Am J Cardiology* 2013;112(3):465-66
123. Cantinotti M, Assanta N, Murzi B, Iervasi G, Spadoni I. Echocardiographic definition of restrictive patent foramen ovale (PFO). *Heart* 2014;100:264-265
124. Balzan S, Del Carratore S, Nardulli C, Sabatino L, Sabatino L, Iervasi G. The stimulative effect of T3 and T4 on human myocardial endothelial cell proliferation, migration and angiogenesis. *J Clin Exp Cardiology* 2013;4:12
125. Saba A, Donzelli R, Colligiani D, Raffaelli A, Nannipieri M, Kusmic C, Dos Remedios CG, Simonides WS, Iervasi G, Zucchi R. Quantification of Thyroxine and 3,5,3'-Triiodothyronine in Human and Animal Hearts by a Novel Liquid Chromatography-Tandem Mass Spectrometry Method. *Horm Metab Res* 2014;46:1-7
126. Cerillo AG, Storti S, Kallushi E, Haxhiademi D, Miceli A, Murzi M, Berti S, Glauber M, Clerico A, Iervasi G. The low triiodothyronine syndrome: a strong predictor of low cardiac output and death in patients undergoing coronary artery bypass grafting. *Annals of Thoracic Surgery* 2014

127. Cantinotti M, Scalese M, Murzi B, Assanta N, Spadoni I, Festa P, De Lucia V, Crocetti M, Marotta M, Molinaro S, Lopez L, Iervasi G. Echocardiographic nomograms for ventricular, valvular and arterial dimensions in caucasian children with a special focus on neonates, infants and toddlers . *J Am Soc Echocardiography* 2014;27(2):179-181
128. Cantinotti M, Assanta N, Crocetti M, Marotta M, Murzi B, Iervasi G. Limitations of current nomograms in pediatric echocardiography: just the tip of the iceberg-a call for standardization. *J Am Soc Echocardiography* 2014;27(3):339
129. Guiducci L, Iervasi G, Quinines Galvan A. On the paradox insulin resistance / insulin hypersensitivity and obesity: two tales of the same story. *Exp Rev Cardiovasc. Ther.* 2014 12(6):637:642
130. Arvia C, Siciliano V, Chatzianagnostou K, Laws G, Quinones Galvan A, Mammini C, Berti S, Molinaro S, Iervasi G; Conventional insulin vs insulin infusion therapy in acute coronary syndrome diabetic patients; *World J Diabetes.* 2014 Aug 15;5(4):562-8. doi: 10.4239/wjd.v5.i4.562
131. Sabatino L, Iervasi G, Pingitore A; Thyroid hormone and heart failure: from myocardial protection to systemic regulation.; *Expert Rev Cardiovasc Ther.* 2014 Oct;12(10):1227-36. doi: 10.1586/14779072.2014.957674. Epub 2014 Sep 1
132. Forini F, Kusmic C, Nicolini G, Mariani L, Zucchi R, Matteucci M, Iervasi G, Pitto L; Triiodothyronine prevents cardiac ischemia/reperfusion mitochondrial impairment and cell loss by regulating miR30a/p53 axis. *Endocrinology.* 2014 Nov;155(11):4581-90. doi: 10.1210/en.2014-1106. Epub 2014 Aug 19.
133. Sabatino L, Lubrano V, Balzan S, Kusmic C, Del Turco S, Iervasi G. Thyroid hormone deiodinases D1, D2, and D3 are expressed in human endothelial dermal microvascular line: effects of thyroid hormones. *Mol Cell Biochem.* 2015 Jan;399(1-2):87-94. doi: 10.1007/s11010-014-2235-8. Epub 2014 Oct 11.
134. Bunevicius A, Iervasi G, Bunevicius R. Neuroprotective actions of thyroid hormones and low-T3 syndrome as a biomarker in acute cerebrovascular disorders. *Expert Rev Neurother.* 2015 Mar;15(3):315-26. doi: 10.1586/14737175.2015.1013465. Epub 2015 Feb 11.
135. Forini F, Nicolini G, Iervasi G. Mitochondria as key targets of cardioprotection in cardiac ischemic disease: role of thyroid hormone triiodothyronine. *Int J Mol Sci.* 2015 Mar 19;16(3):6312-36. doi: 10.3390/ijms16036312.
135. Chaker L, Baumgartner C, den Elzen WP, Ikram MA, Blum MR, Collet TH, Bakker SJ, Dehghan A, Drechsler C, Luben RN, Hofman A, Portegies ML, Medici M, Iervasi G, Stott DJ, Ford I, Bremner A, Wanner C, Ferrucci L, Newman AB, Dullaart RP, Sgarbi JA, Ceresini G, Maciel RM, Westendorp RG, Jukema JW, Imaizumi M, Franklyn JA, Bauer DC, Walsh JP, Razvi S, Khaw KT, Cappola AR, Völzke H, Franco OH, Gussekloo J, Rodondi N, Peeters RP; Thyroid Studies Collaboration. Subclinical Hypothyroidism and the Risk of Stroke Events and Fatal Stroke: An Individual Participant Data Analysis. *J Clin Endocrinol Metab.* 2015 Jun;100(6):2181-91. doi: 10.1210/jc.2015-1438. Epub 2015 Apr 9.
137. Cantinotti M, Giordano R, Scalese M, Molinaro S, Murzi B, Assanta N, Crocetti M, Marotta M, Ghione S, Iervasi G. Strengths and limitations of current pediatric blood pressure nomograms: a global overview with a special emphasis on regional differences in neonates and infants. *Hypertens Res.* 2015 Sep;38(9):577-87. doi: 10.1038/hr.2015.45. Epub 2015 Apr 16.
138. Åsvold BO, Vatten LJ, Bjørø T, Bauer DC, Bremner A, Cappola AR, Ceresini G, den Elzen WP, Ferrucci L, Franco OH, Franklyn JA, Gussekloo J, Iervasi G, Imaizumi M, Kearney PM, Khaw KT, Maciel RM, Newman AB, Peeters RP, Psaty BM, Razvi S, Sgarbi JA, Stott DJ, Trompet S, Vanderpump MP, Völzke H, Walsh JP, Westendorp RG, Rodondi N; Thyroid Studies Collaboration. Thyroid function within the normal range and risk of coronary heart disease: an individual participant data analysis of 14 cohorts. *JAMA Intern Med.* 2015 Jun;175(6):1037-47. doi: 10.1001/jamainternmed.2015.0930.
139. Cantinotti M, Giordano R, Scalese M, Molinaro S, Della Pina F, Storti S, Arcieri L, Murzi B, Marotta M, Pak V, Poli V, Iervasi G, Kutty S, Clerico A. Prognostic role of BNP in children undergoing surgery for congenital heart disease: analysis of prediction models incorporating standard risk factors. *Clin Chem Lab Med.* 2015 Oct 1;53(11):1839-46. doi: 10.1515/cclm-2014-1084.
140. Cantinotti M, Kutty S, Giordano R, Assanta N, Murzi B, Crocetti M, Marotta M, Iervasi G. Review and status report of pediatric left ventricular systolic strain and strain rate nomograms. *Heart Fail Rev.* 2015 Sep;20(5):601-12. doi: 10.1007/s10741-015-9492-9.
141. Wang W, Guan H, Gerdes AM, Iervasi G, Yang Y, Tang YD. Thyroid Status, Cardiac Function, and Mortality in Patients With Idiopathic Dilated Cardiomyopathy. *J Clin Endocrinol Metab.* 2015 Aug;100(8):3210-8. doi: 10.1210/jc.2014-4159. Epub 2015 Jun 8.

142. Pingitore A, Lima GP, Mastorci F, Quinones A, Iervasi G, Vassalle C. Exercise and oxidative stress: potential effects of antioxidant dietary strategies in sports. *Nutrition*. 2015 Jul-Aug;31(7-8):916-22. doi: 10.1016/j.nut.2015.02.005. Epub 2015 Feb 19.
143. Fusaro M, Giannini S, Gallieni M, Noale M, Tripepi G, Rossini M, Messa P, Rigotti P, Pati T, Barbisoni F, Piccoli A, Aghi A, Alessi M, Bonfante L, Fabris F, Zambon S, Sella S, Iervasi G, Plebani M. Calcimimetic and vitamin D analog use in hemodialyzed patients is associated with increased levels of vitamin K dependent proteins. *Endocrine*. 2015 Jul 1. [Epub ahead of print]
144. Chatzianagnostou K, Iervasi G, Vassalle C. Challenges of LADA Diagnosis and Treatment: Lessons From 2 Case Reports. *Am J Ther*. 2015 Sep 24. [Epub ahead of print]

CHAPTERS IN BOOK

1. Carpi A, Iervasi G, Nicolini A, Bianchi R, Urbano U, Di Coscio G.C One year experience with aspiration of thyroid nodules. In "Advances in thyroid neoplasia", Andreoli M., Robbins J., Monaco E., Eds, Field Educational Italia, Roma, 1981, pp. 293-300
2. Bianchi R, Iervasi G " La Tiroide" in "Semeiologia e Diagnostica funzionale", Pasero G, Giordani R, Eds, Casa Editrice Ambrosiana, Milano 1985, pp. 562-573
3. Bianchi R, Iervasi G, Molea N, Cazzuola F, Ferdeghini M, Pilo A Kinetic studies of thyroid hormones in familial disalbuminemic hyperthyroxinemia (FDH) and in congenital TBG elevation (HTBG). Plenum Press, New York, 1986, pp. 499-503
4. Iervasi G, Boni G, Ferdeghini M "I Dosaggi Radioimmunologici" in "Immunologia in Medicina" Dammacco F Ed, Casa Editrice Edi Ermes, Milano 1989, pp. 1618-1630
5. Iervasi G, Berti S, Vitek F, Biagini A, Clerico A, Pilo A, Turchi S, Baratto MT, Cazzuola F, Bianchi R Kinetics of the atrial natriuretic peptide in humans by a new tracer method. In "Radioactive isotopes in clinical medicine and research". F.K. Schattauer ed. Springer Verlag, Stuttgart, New York 1992, pp. 322-5
6. Berti S, Palmieri C, Bonini R, Ravani M, Clerico A, Iervasi G, Gazzetti P, Pugliese S, Biagini A Acute Enoximone effect on systemic hemodynamic renal function and hormonal activation in patients with heart failure. In "Mechanism and Therapy of Heart Failure" eds. P.K. Singal, R.E. Beamish and N.S. Dhalla, Boston, Kluwer Academic Publishers, 1994
7. Iervasi G, Clerico A, Berti S, Pilo A, Vitek F, Manfredi C, Iascone MR, Maffei S, Biagini A Peripheral resistance to atrial natriuretic peptide in patients with idiopathic dilated cardiomyopathy. In "Mechanism and Therapy of Heart Failure" eds. P.K. Singal, R.E. Beamish and N.S. Dhalla, Boston, Kluwer Academic Publishers, 1994
8. Vitek F, Pilo A, Iervasi G, Clerico A, Berti S, Iascone MR, Manfredi C, Biagini A, Bianchi R, Donato L Circulatory model for in vivo kinetic studies of atrial natriuretic peptide (ANP) in humans. *Computers in Cardiology*, Bethesda September 25-28, 1994, IEEE Computer Society Press, Los Alamos 1994, pp. 385-8
9. Iervasi G, Emdin M Controllo neuroendocrino del sistema cardiovascolare. In "Trattato di Cardiologia ANMCO", Excerpta Medica - ESI Stampa Medica, Milano 2000 pp. 133-148.
10. Emdin M., Iervasi G. Scompenso cardiaco e sistema neuroendocrino. I Quaderni del CNR, 2001, Primula Multimedia S.r.L
11. Iervasi G, Zucchelli GC. Diagnostica biochimica delle malattie tiroidee. In " Trattato italiano di medicina di laboratorio. Casa Editrice Piccin, Vol. VII, Capitolo 15, 2008 pp. 421 - 448
12. Iervasi G, Pingitore A. Heart failure, Iodine intake and thyroid hormones. In " Comprehensive handbook on iodine: nutritional, endocrine and pathological aspects. V. Preedy, G.N. Burrow, R.R. Watson Eds., Elsevier Inc., Oxford Academic Press 2009: pp 1073-1086
13. Iervasi G, Fommei E. Hypertension and Hypothyroidism, a thyroid dysfunction frequently associated with a abnormal dietary iodine intake. In " Comprehensive handbook on iodine: nutritional, endocrine and pathological aspects. V. Preedy, G.N. Burrow, R.R. Watson Eds., Elsevier Inc., Oxford Academic Press 2009: pp 1057-1071
14. Iervasi G., Sabatino L., Nicolini G. Low triiodothyronine syndrome as a powerful predictor of death in heart failure. In: "Thyroid and heart failure: from pathophysiology to clinics". G. Iervasi, A. Pingitore Eds, Springer -Verlag Italia 2009: pp. 179-190.

15. Pingitore A., Iervasi G. Thyroid hormone in heart failure: potential therapeutic implications. In "Frontieres in Cardiovascular Drug Discovery", A. Rahman, MI Choudhary Eds, Bentham Science Publishers 2010, Vol 1 pp
16. Bottoni A., Lorenzoni G., Iervasi G. Tecniche diagnostiche per lo studio della tiroide. In "Fondamenti di medicina nucleare". D. Volterrani, P.A. Erba, G. Mariani Eds. Springer – Verlag Italia 2010. pp 617-650.

The undersigned authorizes to process her personal data for the purposes herein in accordance with the terms in the Legislative Decree No 196 of 30/06/2003

Pisa, 13/10/2015