

CURRICULUM VITAE

BIOGRAPHICAL

NAME	Ines Bucci, M.D., Ph.D.
BIRTH DATE	December 21, 1962
BIRTH PLACE	Bussi sul Tirino (Pe), Italy
CITIZENSHIP	Italian
HOME ADDRESS	Via Valle Verde, 12 65124 Pescara
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EDUCATION AND TRAINING

Date attended	Name and Location of Institution	Degree Received
1981-1988	University of Chieti-Pescara - ITALY	Medicine cum laude
1988-1993	University of Chieti-Pescara - ITALY	Specialty in Endocrinology and Metabolic Diseases cum laude
1991 june-october	National Institutes of Health, MCEB, NIDDK, Bethesda, MD, USA	Guest Researcher
1992 june-october	National Institutes of Health, MCEB, NIDDK, Bethesda, MD, USA	Guest Researcher
1994-1998	University of L'Aquila, ITALY	Ph.D. in Endocrinological and Metabolic Sciences
1999-2000	University of Chieti-Pescara - ITALY	Postdoctoral fellow in Endocrinology
2001-2004	University of Chieti-Pescara - ITALY	Research fellow in Endocrinology

ACADEMIC APPOINTMENTS

YEARS	Name and Location of Institution	TITLE
2005-present	University of Chieti-Pescara - ITALY	Assistant Professor of Endocrinology

OTHER APPOINTMENTS AND POSITIONS

YEARS	Name and Location of Institution	POSITION
2000-20018	University of Chieti-Pescara – ITALY, Department of Medicine and Sciences of Aging, Outpatient Endocrinology Clinic	Medical Doctor, Equipe Member, Consultant
February 2019-present	University of Chieti-Pescara - ITALY - National Health Service – Pescara Agency Endocrinology and Metabolism Clinic	Medical Doctor, Equipe Member
1992-present	University of Chieti-Pescara – ITALY- Regional Reference Laboratory for Newborn Screening of Congenital Endocrine-Metabolic Diseases	Medical Doctor, Equipe member
January 2020-present	University of Chieti-Pescara – ITALY- Regional Reference Laboratory for Newborn Screening of Congenital Endocrine-Metabolic Diseases	Medical Doctor, Equipe member, Referent for Congenital Hypothyroidism, Cystic Fibrosis, Galactosemia and Biotinidase deficiency
2018-present	National Health Service – Pescara Agency, Rare Disease Technical Committee	Board Member, Referent for rare endocrine diseases

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETY

2003-present	Italian Endocrine Society	Member
2017-present	Italian Endocrine Society, Regione Abruzzo section	Executive coordinator
2007-present	Italian Thyroid Association	Member
1918-present	Italian Society of Newborn Screening and Neonatal Metabolica Diseases	Member

RESEARCH GRANTS

2017	Basic research funding, National Agency for evaluationa of University system and research
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SCIENTIFIC PRODUCTION

Orcid number	0000-0002-6806-7127
H Index	16
Total Citations	776
Cited Numbers	50

MOST SIGNIFICANT 10 PUBLICATIONS

1. Bucci I, Giuliani C, Napolitano G. Thyroid-Stimulating Hormone Receptor Antibodies in Pregnancy: Clinical Relevance. *Front Endocrinol (Lausanne)*. 2017 Jun 30;8:137.
2. Giuliani C, Bucci I, Di Santo S, Rossi C, Grassadonia A, Mariotti M, Piantelli M, Monaco F, Napolitano G. Resveratrol inhibits sodium/iodide symporter gene expression and function in rat thyroid cells. *PLoS One*. 2014 Sep 24;9(9):e107936.
3. Olivieri A, Corbetta C, Weber G, Vigone MC, Fazzini C, Medda E; Italian Study Group for Congenital Hypothyroidism. Congenital hypothyroidism due to defects of thyroid development and mild increase of TSH at screening: data from the Italian National Registry of infants with congenital hypothyroidism. *J Clin Endocrinol Metab*. 2013 Apr;98(4):1403-8.
4. Izzicupo P, D'Amico MA, Bascelli A, Di Fonso A, D'Angelo E, Di Blasio A, Bucci I, Napolitano G, Gallina S, Di Baldassarre A. Walking training affects dehydroepiandrosterone sulfate and inflammation independent of changes in spontaneous physical activity. *Menopause*. 2013 Apr;20(4):455-63.
5. Giuliani C, Cerrone D, Harii N, Thornton M, Kohn LD, Dagia NM, Fiore E, Bucci I, Chamblin T, Vitti P, Monaco F, Napolitano G. A TSHr-LH/CGr chimera that measures functional TSAb in Graves' disease. *J Clin Endocrinol Metab*. 2012 Jul;97(7):E1106-15.
6. Giuliani C, Cerrone D, Harii N, Thornton M, Kohn LD, Dagia NM, Bucci I, Carpentieri M, Di Nenno B, Di Blasio A, Vitti P, Monaco F, Napolitano G. A TSHR-LH/CGR chimera that measures functional thyroid-stimulating autoantibodies (TSAb) can predict remission or recurrence in Graves' patients undergoing antithyroid drug (ATD) treatment. *J Clin Endocrinol Metab*. 2012 Jul;97(7):E1080-7.
7. Giuliani C, Noguchi Y, Harii N, Napolitano G, Tatone D, Bucci I, Piantelli M, Monaco F, Kohn LD. The flavonoid quercetin regulates growth and gene expression in rat FRTL-5 thyroid cells. *Endocrinology*. 2008 Jan;149(1):84-92. Epub 2007 Oct 25.
8. Napolitano G, Bucci I, Giuliani C, Massafra C, Di Petta C, Devangelio E, Singer DS, Monaco F, Kohn LD. High glucose levels increase major histocompatibility complex class I gene expression in thyroid cells and amplify interferon-gamma action. *Endocrinology*. 2002 Mar;143(3):1008-17.
9. Napolitano G, Montani V, Giuliani C, Di Vincenzo S, Bucci I, Todisco V, Laglia G, Coppa A, Singer DS, Nakazato M, Kohn LD, Colletta G, Monaco F. Transforming growth factor-beta1 down-regulation of major histocompatibility complex class I in thyrocytes: coordinate regulation of two separate elements by thyroid-specific as well as ubiquitous transcription factors. *Mol Endocrinol*. 2000 Apr;14(4):486-505.
10. Szkudlinski MW, Thotakura NR, Bucci I, Joshi LR, Tsai A, East-Palmer J, Shiloach J, Weintraub BD. Purification and characterization of recombinant human thyrotropin (TSH) isoforms produced by Chinese hamster ovary cells: the role of sialylation and sulfation in TSH bioactivity. *Endocrinology*. 1993 Oct;133(4):1490-503.

PUBLICATIONS (Last 10 years)

- 1) Pieragostino D, Cicalini I, Di Michele S, Fusilli P, Cotugno G, Ferrante R, Bucci I, Dionisi-Vici C, Stuppia L, De Laurenzi V, Rossi C. A Case of Suspected Hyperphenylalaninemia at Newborn Screening by Tandem Mass Spectrometry during Total Parenteral Nutrition. *Metabolites*. 2020 Jan 24;10(2). pii: E44.
- 2) Formoso G, Baldassarre MPA, Ginestra F, Carlucci MA, Bucci I, Consoli A. Inositol and antioxidant supplementation: Safety and efficacy in pregnancy. *Diabetes Metab Res Rev*. 2019 Jul;35(5):e3154.

- 3) Giuliani C, Bucci I, Napolitano G. The Role of the Transcription Factor Nuclear Factor-kappa B in Thyroid Autoimmunity and Cancer. *Front Endocrinol (Lausanne)*. 2018 Aug 21;9:471.
- 4) Bucci I, Giuliani C, Napolitano G. Thyroid-Stimulating Hormone Receptor Antibodies in Pregnancy: Clinical Relevance. *Front Endocrinol (Lausanne)*. 2017 Jun 30;8:137.
- 5) Giuliani C, Iezzi M, Ciolli L, Hysi A, Bucci I, Di Santo S, Rossi C, Zucchelli M, Napolitano G. Resveratrol has anti-thyroid effects both in vitro and in vivo. *Food Chem Toxicol*. 2017 Sep;107(Pt A):237-247.
- 6) Di Blasio A, Di Donato F, Di Santo S, Bucci I, Izzicupo P, Di Baldassarre A, Gallina S, Bergamin M, Ripari P, Napolitano G. Aerobic physical exercise and negative compensation of non-exercise physical activity in post-menopause: a pilot study. *J Sports Med Phys Fitness*. 2018 Oct;58(10):1497-1508.
- 7) Di Blasio A, Morano T, Cianchetti E, Gallina S, Bucci I, Di Santo S, Tinari C, Di Donato F, Izzicupo P, Di Baldassarre A, Cimini A, Napolitano G. Psychophysical health status of breast cancer survivors and effects of 12 weeks of aerobic training. *Complement Ther Clin Pract*. 2017 May;27:19-26
- 8) Di Blasio A, Izzicupo P, Di Baldassarre A, Gallina S, **Bucci I**, Giuliani C, Di Santo S, Di Iorio A, Ripari P, Napolitano G. Walking training and cortisol to DHEA-S ratio in postmenopause: An intervention study. *Women Health*. 2018 Apr;58(4):387-402.
- 9) Di Blasio A, Morano T, Napolitano G, Bucci I, Di Santo S, Gallina S, Cugusi L, Di Donato F, D'Arielli A, Cianchetti E. Nordic Walking and the Isa Method for Breast Cancer Survivors: Effects on Upper Limb Circumferences and Total Body Extracellular Water - a Pilot Study. *Breast Care (Basel)*. 2016 Dec;11(6):428-431.
- 10) Di Blasio A, Morano T, Bucci I, Di Santo S, D'Arielli A, Castro CG, Cugusi L, Cianchetti E, Napolitano G. Physical exercises for breast cancer survivors: effects of 10 weeks of training on upper limb circumferences. *J Phys Ther Sci*. 2016 Oct;28(10):2778-2784.
- 11) Giuliani C, Saji M, Bucci I, Napolitano G. Bioassays for TSH Receptor Autoantibodies, from FRTL-5 Cells to TSH Receptor-LH/CG Receptor Chimeras: The Contribution of Leonard D. Kohn. *Front Endocrinol (Lausanne)*. 2016 Jul 25;7:103.
- 12) Olivieri A, Fazzini C, Medda E; Italian Study Group for Congenital Hypothyroidism. Multiple factors influencing the incidence of congenital hypothyroidism detected by neonatal screening. *Horm Res Paediatr*. 2015;83(2):86-93. doi: 10.1159/000369394.
- 13) Olivieri A, Radetti G, Medda E; Italian Study Group for Congenital Hypothyroidism. Incidence of congenital hypothyroidism in the Autonomous Province of Bolzano: benefit of increased iodine intake. *J Endocrinol Invest*. 2015 Feb;38(2):185-7.
- 14) Di Blasio A, Izzicupo P, Tacconi L, Di Santo S, Leogrande M, Bucci I, Ripari P, Di Baldassarre A, Napolitano G. Acute and delayed effects of high intensity interval resistance training organization on cortisol and testosterone production. *J Sports Med Phys Fitness*. 2016 Mar;56(3):192-9.
- 15) Giuliani C, Bucci I, Di Santo S, Rossi C, Grassadonia A, Mariotti M, Piantelli M, Monaco F, Napolitano G. Resveratrol inhibits sodium/iodide symporter gene expression and function in rat thyroid cells. *PLoS One*. 2014 Sep 24;9(9):e107936.
- 16) Giuliani C, Bucci I, Di Santo S, Rossi C, Grassadonia A, Piantelli M, Monaco F, Napolitano G. The flavonoid quercetin inhibits thyroid-restricted genes expression and thyroid function. *Food Chem Toxicol*. 2014 Apr;66:23-9. doi:
- 17) Di Blasio A, Izzicupo P, D'Angelo E, Melanzi S, Bucci I, Gallina S, Di Baldassarre A, Napolitano G. Effects of patterns of walking training on metabolic health of untrained postmenopausal women. *J Aging Phys Act*. 2014 Oct;22(4):482-9. doi: 10.1123/japa.2013-0043.
- 18) Labbrozzi D, Robazza C, Bertollo M, Bucci I, Bortoli L. Pubertal development, physical self-perception, and motivation toward physical activity in girls. *J Adolesc*. 2013 Aug;36(4):759-65.
- 19) Olivieri A, Corbetta C, Weber G, Vigone MC, Fazzini C, Medda E; Italian Study Group for Congenital Hypothyroidism. Congenital hypothyroidism due to defects of thyroid development and mild increase of TSH at screening: data from the Italian National Registry of infants with congenital hypothyroidism. *J Clin Endocrinol Metab*. 2013 Apr;98(4):1403-8.

- 20) Di Blasio A, Bucci I, Napolitano G, Melanzi S, Izzicupo P, Di Donato F, Tonizzo C, D'Angelo E, Ricci G, Ripari P. Characteristics of spontaneous physical activity and executive functions in postmenopause. *Minerva Med.* 2013 Feb;104(1):61-74
- 21) Izzicupo P, D'Amico MA, Bascelli A, Di Fonso A, D'Angelo E, Di Blasio A, Bucci I, Napolitano G, Gallina S, Di Baldassarre A. Walking training affects dehydroepiandrosterone sulfate and inflammation independent of changes in spontaneous physical activity. *Menopause.* 2013 Apr;20(4):455-63
- 22) Di Blasio A, Bucci I, Ripari P, Giuliani C, Izzicupo P, Di Donato F, D'Angelo E, Napolitano G. Lifestyle and high density lipoprotein cholesterol in postmenopause. *Climacteric.* 2014 Feb;17(1):37-47
- 23) Olivieri A; Italian Study Group for Congenital Hypothyroidism. Epidemiology of congenital hypothyroidism: what can be deduced from the Italian registry of infants with congenital hypothyroidism. *J Matern Fetal Neonatal Med.* 2012 Oct;25(Suppl 5):7-9
- 24) Labbrozzi D, Bortoli L, Bertollo M, Bucci I, Doria C, Robazza C. Age-related differences in actual and perceived levels of physical activity in adolescent girls. *Percept Mot Skills.* 2012 Jun;114(3):723-34
- 25) Vitacolonna E, Lapolla A, Di Nenno B, Passante A, Bucci I, Giuliani C, Cerrone D, Capani F, Monaco F, Napolitano G. Gestational diabetes and thyroid autoimmunity. *Int J Endocrinol.* 2012;2012:867415.
- 26) Giuliani C, Cerrone D, Harii N, Thornton M, Kohn LD, Dagia NM, Fiore E, Bucci I, Chamblin T, Vitti P, Monaco F, Napolitano G. A TSHr-LH/CGr chimera that measures functional TSAb in Graves' disease. *J Clin Endocrinol Metab.* 2012 Jul;97(7):E1106-15.
- 27) Giuliani C, Cerrone D, Harii N, Thornton M, Kohn LD, Dagia NM, Bucci I, Carpentieri M, Di Nenno B, Di Blasio A, Vitti P, Monaco F, Napolitano G. A TSHR-LH/CGR chimera that measures functional thyroid-stimulating autoantibodies (TSAb) can predict remission or recurrence in Graves' patients undergoing antithyroid drug (ATD) treatment. *J Clin Endocrinol Metab.* 2012 Jul;97(7):E1080-7.
- 28) Savino A, Carinci S, Bucci I, Sabatino G, Chiarelli F, Tumini S. Bone maturity and thyroidal status at birth: role of the ultrasonographic evaluation of the distal femoral epiphysis. *Ultraschall Med.* 2011 Dec;32 Suppl 2:E129-33.
- 29) Di Blasio A, Ripari P, Bucci I, Di Donato F, Izzicupo P, D'Angelo E, Di Nenno B, Taglieri M, Napolitano G. Walking training in postmenopause: effects on both spontaneous physical activity and training-induced body adaptations. *Menopause.* 2012 Jan;19(1):23-32
- 30) Giuliani C, Bucci I, Montani V, Singer DS, Monaco F, Kohn LD, Napolitano G. Regulation of major histocompatibility complex gene expression in thyroid epithelial cells by methimazole and phenylmethimazole. *J Endocrinol.* 2010 Jan;204(1):57-66.