

CURRICULUM VITAE

BIOGRAPHICAL

NAME: Cesidio Giuliani, M.D., Ph.D.

BIRTH DATE: October 1st 1961

BIRTH PLACE: Collecervino (PE), Italy.

CITIZENSHIP: Italian

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EDUCATION AND TRAINING

1980 High School Diploma: Liceo Ginnasio "D. Cotugno", L'Aquila, Italy.

October/20/1988 M.D. Degree, Faculty of Medicine and Surgery, University "G. d'Annunzio" Chieti-Pescara, Italy.

December 1988 Medical license, University "G. d'Annunzio" Chieti-Pescara, Italy.

December/20/1993 Medical specialty in Endocrinology and Metabolic Diseases, Faculty of Medicine and Surgery, University "G. d'Annunzio" Chieti-Pescara, Italy.

January/27/2000 Ph.D. in Endocrinological and Metabolic Sciences, University of L'Aquila, Italy.

From July 21 1991 to October 4 1995 Visiting Scientist, Section on Cell Regulation, Laboratory of Biochemistry and Metabolism, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Bethesda MD, USA.

From October 20 1997 to January 18 1998 Special Volunteer, Section on Cell Regulation, Metabolic Disease Branch, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Bethesda MD, USA.

From September 8th 2001 to September 8th 2002 Visiting Scholar, Edison Biotechnology Institute, Ohio University, Athens OH, USA.

ACADEMIC APPOINTMENTS

From December/15/2004 to date, Assistant Professor, University "G. d'Annunzio" Chieti-Pescara, Italy, with teaching appointments in Endocrinology.

FELLOWSHIPS

From 7 October 1991 to 6 January 1995 Visiting Fellow, International Fogarty Center, National Institutes of Health, Bethesda MD, USA.

From January 7 to September 30 1995, Fellowships from Interthyr Research Foundation, Baltimore MD, USA.

From October 1st 1995 to October 31st 1999 Ph.D. course fellowships University of L'Aquila, Italy.

From September 8th 2001 to September 8th 2002 Visiting Scholar, Edison Biotechnology Institute, Ohio University, Athens OH, USA.

2003-2004 Postdoctoral fellowships, University "G. d'Annunzio" Chieti-Pescara, Italy.

AWARDS

1994 Boots thyroid research clinical training program award: "fellow award" 76th Annual Meeting of the Endocrine Society, Anaheim (CA) USA, 15–18 June 1994.

MEMBERSHIPS IN SCIENTIFIC SOCIETY

From 1993 member of The Endocrine Society (USA).

From 2003 member of the Italian Endocrine Society.

From 2007 member of the Italian Thyroid Association

From 2017 member of the American Thyroid Association

EDITORIAL BOARDS

Review editor and guest associate editor in *Frontiers in Endocrinology-Thyroid endocrinology* (I.F. 3,634)

SCIENTIFIC PRODUCTION

H-index: 19; Total Citations: 1134; Cited papers: 45

SCIENTIFIC AND CLINICAL ACTIVITIES

From October 1995 to date clinical activities as Endocrinologist at Department of Medicine and Sciences of Aging, University "G. d'Annunzio" Chieti-Pescara, Italy.

From October 1999 to June 2000 member of the task group for *Monitoring elimination of Iodine Deficiency disorders in South Italy*. This project has been sponsored by the Italian National Research Council, the Ministry of University and Scientific Research and the European Union.

PATENTS

Granted

1) Kohn L.D., Harii N., Benavides-Peralta U., Gonzalez-Murguiondo M., Lewis C., Goetz D.J., Napolitano G., **Giuliani C.**, Malgor R., Schwartz F., McCall K.D. Use of phenylmethimazoles, methimazole derivatives, and tautomeric cyclic thiones for the treatment of autoimmune/inflammatory diseases associated with toll-like receptor overexpression. U.S. Patent 9326972. May 3 2016.

2) Goetz D.J., Gonzalez-Murguiondo M., Malgor R., Napolitano G., Harii N., **Giuliani C.**, Lewis C., Kohn L.D., Benavides-Peralta U., McCall K.D., Schwartz F. Methods and compositions for the treatment of autoimmune and inflammatory diseases associated with toll-like receptors. Australian Patent 2006247504.

10 MOST SIGNIFICANT PUBLICATIONS

1) **C. Giuliani**, M. Saji, G. Napolitano, L.A. Palmer, S.I. Taniguchi, M. Shong, D.S. Singer, L.D. Kohn: Hormonal modulation of MHC class I gene expression involves an enhancer A binding complex consisting of Fra-2 and the p50 subunit of NF- κ B.

J. Biol. Chem. 1995, 270: 11453–11462.

2) **C. Giuliani**, G. Napolitano, A. Mastino, S. Di Vincenzo, C. D'Agostini, I. Bucci, D.S. Singer, L.D. Kohn, F. Monaco, E. Garaci, C. Favalli: Thymosin- α 1 regulates MHC class I expression in FRTL-5 cells at transcriptional level.

Eur. J. Immunol. 2000, 30: 778-786.

- 3) **C. Giuliani**, M. Saji, I. Bucci, G. Fiore, D.S. Singer, F. Monaco, L.D. Kohn, G. Napolitano: Transcriptional regulation of Major Histocompatibility Complex class I gene by insulin and IGF-I in FRTL-5 thyroid cells. *J. Endocrinol.*, 2006, 189: 605-615.
- 4) **C. Giuliani**, Y. Noguchi, N. Harii, G. Napolitano, D. Tatone, I. Bucci, M. Piantelli, F. Monaco, L.D. Kohn: The flavonoid Quercetin regulates growth and gene expression in rat FRTL-5 thyroid cells. *Endocrinology*, 2008, 149: 84-92.
- 5) **C. Giuliani**, I. Bucci, V. Montani, D.S. Singer, F. Monaco, L.D. Kohn, G. Napolitano: Regulation of major histocompatibility complex gene expression in thyroid epithelial cells by methimazole and phenylmethimazole. *J Endocrinol.* 2010, 204: 57-66.
- 6) **C. Giuliani**, D. Cerrone, N. Harii, M. Thornton, L.D. Kohn, N.M. Dagia, I. Bucci, M. Carpentieri, B. Di Nenno, A. Di Blasio, P. Vitti, F. Monaco, G. Napolitano: 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, 97: E1080-E1087.
- 7) **C. Giuliani**, D. Cerrone, N. Harii, M. Thornton, L.D. Kohn, N.M. Dagia, E. Fiore, I. Bucci, T. Chamblin, P. Vitti, F. Monaco, G. Napolitano: A TSHr-LH/CGr Chimera that measures functional TSAb in Graves' disease. *J Clin Endocrinol Metab* 2012, 97: E1106-E1115.
- 8) **C. Giuliani**, I. Bucci, S. Di Santo, C. Rossi, A. Grassadonia, M. Piantelli, F. Monaco, G. Napolitano: The flavonoid quercetin inhibits thyroid-restricted genes expression and thyroid function. *Food Chem Toxicol*, 2014, 66: 23-29.
- 9) **C. Giuliani**, M. Iezzi, L. Ciolli, A. Hysi, I. Bucci, S. Di Santo, C. Rossi, M. Zucchelli, G. Napolitano: Resveratrol has anti-thyroid effects both in vitro and in vivo. *Food Chem Toxicol*, 2017, 107: 237-247.
- 10) **C. Giuliani**, I. Bucci, G. Napolitano: The role of the transcription factor Nuclear Factor-kappa B in thyroid autoimmunity and cancer. *Front. Endocrinol.* 2018, 9:471. doi: 10.3389/fendo.2018.00471.

ORIGINAL PEER-REVIEWED PUBLICATIONS (LAST 10 YEARS)

- 1) **C. Giuliani**, I. Bucci, V. Montani, D.S. Singer, F. Monaco, L.D. Kohn, G. Napolitano: Regulation of major histocompatibility complex gene expression in thyroid epithelial cells by methimazole and phenylmethimazole. *J Endocrinol.* 2010, 204: 57-66.
- 2) Y. Noguchi, N. Harii, **C. Giuliani**, I. Tatsuno, K. Suzuki, LD Kohn: Thyroglobulin (Tg) induces thyroid cell growth in a concentration-specific manner by a mechanism other than thyrotropin/cAMP stimulation. *Biochem Biophys Res Commun* 2010, 391: 890-894.
- 3) S. Neumann, E. Eliseeva, JG McCoy, G. Napolitano, **C. Giuliani**, F. Monaco, W. Huang, MC Gershengorn: A new small-molecule antagonist inhibits Graves' disease antibody activation of the TSH receptor. *J Clin Endocrinol Metab* 2011, 96: 548-554.
- 4) U. Benavides, M. Gonzalez-Murguiondo, N. Harii, C.J. Lewis, A.L. Schwartz, **C. Giuliani**, G. Napolitano, N.M. Dagia, R. Malgor, K.D. McCall, L.D. Kohn: Phenylmethimazole inhibits production of proinflammatory mediators and is protective in an experimental model of endotoxic shock. *Crit Care Med* 2012, 40: 886-894.
- 5) E. Vitacolonna, A. Lapolla, B. Di Nenno, A. Passante, I. Bucci, **C. Giuliani**, D. Cerrone, F. Capani, F. Monaco, G. Napolitano: Gestational diabetes and thyroid autoimmunity. *Int J Endocrinol* 2012, 2012: 867415.
- 6) **C. Giuliani**, D. Cerrone, N. Harii, M. Thornton, L.D. Kohn, N.M. Dagia, I. Bucci, M. Carpentieri, B. Di Nenno, A. Di Blasio, P. Vitti, F. Monaco, G. Napolitano: 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, 97: E1080-E1087.

7) **C. Giuliani**, D. Cerrone, N. Harii, M. Thornton, L.D. Kohn, N.M. Dagia, E. Fiore, I. Bucci, T. Chamblin, P. Vitti, F. Monaco, G. Napolitano: A TSHr-LH/CGr Chimera that measures functional TSAb in Graves' disease. *J Clin Endocrinol Metab* 2012, 97: E1106-E1115.

8) A. Di Blasio, I. Bucci, P. Ripari, **C. Giuliani**, P. Izzicupo, F. Di Donato, E. D'Angelo, G. Napolitano: Lifestyle and high density lipoprotein cholesterol in postmenopause. *Climateric* 2014, 17: 37-47.

9) **C. Giuliani**, I. Bucci, S. Di Santo, C. Rossi, A. Grassadonia, M. Piantelli, F. Monaco, G. Napolitano: The flavonoid quercetin inhibits thyroid-restricted genes expression and thyroid function. *Food Chem Toxicol*, 2014, 66: 23-29.

10) D. Simo, F. Selvaggi, M. Cieri, D. Angelucci, R. Claudi, **C. Giuliani**, F. Francomano, R. Cotellesse, P. Innocenti: Surgical approach for nodular neck lesions mimicking primitive thyroid neoplasms. Report of three cases. *Ann Ital Chir* 2014, 85: 474-478.

11) **C. Giuliani**, I. Bucci, S. Di Santo, C. Rossi, A. Grassadonia, M. Mariotti, M. Piantelli, F. Monaco, G. Napolitano: Resveratrol inhibits sodium/iodide symporter gene expression and function in rat thyroid cells. *PLoS One*, 2014 Sep 24 9(9): e107936. doi: 10.1371/journal.pone.0107936.

12) **C. Giuliani**, M. Saji, I. Bucci, G. Napolitano: 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. doi: 10.3389/fendo.2016.00103.

13) A. Di Blasio, A. Sablone, R. Leve, S. Di Santo, I. Bucci, **C. Giuliani**, A. Di Iorio, P. Ripari, L. Cugusi, A. De Remigis, C. Tinari, G. Di Dalmazi, G. Napolitano: Circuit training for bone health: efficacy of the bone-based rotation exercises principle: a pilot study. *Sport Sciences for Health* 2017 13(1): 69-77.

14) I. Bucci, **C. Giuliani**, G. Napolitano: TSH receptor antibodies in pregnancy: clinical relevance. *Front Endocrinol (Lausanne)*, 2017 Jun 30;8:137. doi: 10.3389/fendo.2017.00137. eCollection 2017.

15) **C. Giuliani**, M. Iezzi, L. Ciolli, A. Hysi, I. Bucci, S. Di Santo, C. Rossi, M. Zucchelli, G. Napolitano: Resveratrol has anti-thyroid effects both in vitro and in vivo. *Food Chem Toxicol*, 2017, 107: 237-247.

16) G. Di Dalmazi, **C. Giuliani**, G. Napolitano: Parathyroid apoplexy following cinacalcet treatment in primary hyperparathyroidism. *Front. Endocrinol.* 2018, 9:777. doi: 10.3389/fendo.2018.007778:137.

17) A. Di Blasio, P. Izzicupo, A. Di Baldassarre, S. Gallina, I. Bucci, **C. Giuliani**, S. Di Santo, A. Di Iorio, P. Ripari, G. Napolitano: Walking Training and Cortisol to DHEA-S Ratio in Postmenopause: An Intervention Study. *Women Health* 2018, 58: 387-402. doi:10.1080/03630242.2017.1310168.

18) **C. Giuliani**, I. Bucci, G. Napolitano: The role of the transcription factor Nuclear Factor-kappa B in thyroid autoimmunity and cancer. *Front. Endocrinol.* 2018, 9:471. doi: 10.3389/fendo.2018.00471.

19) **C. Giuliani**: The Flavonoid quercetin induces AP-1 activation in FRTL-5 thyroid cells. *Antioxidants* 2019, 8, 112; doi:10.3390/antoix8050112.