

## CURRICULUM VITAE ET STUDIORUM

GIULIA BRIGANTE

Version 19.02.2026



Telephone: +390593961804

E-mail: giulia.brigante@unimore.it

Nationality: Italian

Gender: Female

Date of birth: January 1st, 1984

CF: BRGGLI84A41I496P

Family status: Married and mother of a daughter born in 2017 and a son born in 2021

Occupational field: **Medical Doctor, Assistant Professor**

### WORK EXPERIENCE

**February 17th, 2009.** Registration as Member of the Chamber of Physicians of Modena, Italy

**2009 to February 2014.** Medical Doctor. Resident with fellowship in Endocrinology and Metabolism

Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia; Department of Medicine, Endocrinology & Metabolism, Geriatrics, Azienda USL of Modena, Italy

**2014-2019.** Expert on the Endocrinology at the Department of Biomedical, Metabolic and Neural Sciences. University of Modena and Reggio Emilia, Italy

**March-December, 2014.** Guest PhD student at the Thyroid Laboratory, Department of Internal Medicine, Erasmus University Medical Center, Rotterdam, The Netherlands

**2015-2016.** Assignee of a research grant by University of Modena and Reggio Emilia for the project entitled “Translational studies on pathophysiology of thyroid gland and thyroid cancer”, SSD MED/13, Department of Biomedical, Metabolic and Neural Sciences. Tutor: Prof Manuela Simoni

**2015-2018.** Consultant In Endocrinology, Department of Medicine, Endocrinology & Metabolism, Geriatrics, Azienda USL of Modena, Italy

**From 2019.** Consultant in Endocrinology, Department of Medical Specialties, Azienda Ospedaliero-Universitaria di Modena, Italy

**From November 2016.** Medical Writer for the Endocrine Connections Journal Based Learning programme

**2017-2019.** Assignee of a research grant by University of Modena and Reggio Emilia for the project entitled “Peripheral response to thyroid hormones”, SSD MED/13, Department of Biomedical, Metabolic and Neural Sciences. Tutor: Prof Manuela Simoni

**From April 2017.** Member of the Editorial Board of the Journal of Clinical Endocrinology & Metabolic Disorders

**From June 2017 to February 2018.** Maternity leave

**From 2019, November 1<sup>st</sup> to 2025, March 31<sup>st</sup>.** Assistant Professor in Endocrinology, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia.

**From October 2021 to May 2022.** Maternity leave

**February 9<sup>th</sup>, 2023.** Awarded with the national scientific qualification as Associate Professor in Endocrinology.

**From April 1<sup>st</sup> 2025.** Assignee of a research grant by University of Modena and Reggio Emilia for the project entitled “An innovative method to define poor response to levothyroxine: a mass spectrometry-based determination of circulating thyroid hormones and their metabolites in hypothyroid subjects in relation to quality of life”, MEDS-08/A (Endocrinology), Department of Biomedical, Metabolic and Neural Sciences. Tutor: Prof Manuela Simoni

## **EDUCATION AND TRAINING**

**2002.** High School-Leaving Certificate. Liceo Classico “Muratori” - Modena, Italy (100/100)

**October 1st, 2008.** Medical Doctor degree. University of Modena and Reggio Emilia, Italy (110/110 cum laude). Graduation thesis in Endocrinology on “GH deficiency in patients with HIV-related lipodystrophy: effects of treatment with r-hGH on body composition” Advisor: Dott. Vincenzo Rochira

**2012.** Frequency at Laboratory of Molecular Endocrinology (EndoLab). Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia; Department of Medicine, Endocrinology & Metabolism, Geriatrics, Azienda USL of Modena, Italy

**2012.** Completed the training course on health and safety at work (SicurMORE), D.Lgs 81/08. University of Modena and Reggio Emilia, Italy

**2012.** Registration to Acupuncture school AMAB - Italian-Chinese School of Acupuncture in Bologna, Italy

**From January 1st, 2014 to March 2017.** PhD student at the PhD School in Clinical and Experimental Medicine (XXIX cycle), University of Modena and Reggio Emilia

**From March to December 2014.** Frequency at the Thyroid Laboratory, Department of Internal Medicine, Erasmus University Medical Center, Rotterdam, The Netherlands

**22nd April, 2014.** Diploma "Radiation protection expert level 5B ", Erasmus University Medical Center, Rotterdam, The Netherlands

**26th-30th May, 2014.** Postgraduate course: GH and Growth Factors - Metabolic disorders, Gothenburg / Marstrand (Sweden)

**June 30th, 2014.** Specialization in Endocrinology and Metabolism, (full marks cum laude), University of Modena and Reggio Emilia, Italy. Thesis: “Translational studies in thyroid pathophysiology” Advisor: Prof. Manuela Simoni

**March 27th, 2017.** PhD Degree in Clinical and Experimental Medicine (XXIX cycle), University of Modena and Reggio Emilia

Thesis: “The role of polymorphic gene variants in the diagnosis of thyroid nodules and gonadal pathophysiology” Tutor: Prof. Vincenzo Rochira Co-tutor: Prof. Manuela Simoni

**July 1<sup>st</sup>-3<sup>rd</sup>, 2022.** Completed the Primary Course in Applied Statistics and Research Methodology for Medical and Social Science, Practical Sessions with SPSS. Neocortex Advanced Neuroscience Course in Applied Statistics.

**July 15<sup>st</sup>-16<sup>st</sup> 2022.** Completed the Avanced Course in Applied Statistics and Research Methodology for Medical and Social Science, Practical Sessions with SPSS. Neocortex Advanced Neuroscience Course in Applied Statistics.

## **PERSONAL SKILLS AND COMPETENCES**

Mother tongue: Italian

Other languages: English

Self-assessment. European level (Common European Framework of Reference for Languages): English

<b>Understanding</b>		<b>Speaking</b>		<b>Writing</b>
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C2	C2	C2

## **SOCIAL SKILLS AND COMPETENCES**

Organizational skills, determination, self-motivated

## **ARTISTIC SKILLS AND COMPETENCES**

Two years (2011-2013) in the english-language theatre company MTW (Modena Theatre Workshop)

## **OTHER SKILLS AND COMPETENCES**

Dynamic yoga practice since 2001. Sailing.

## **ORGANISATIONAL SKILLS AND COMPETENCES**

- Local and scientific organization for scientific meeting “EnGioI-Modena, 11-12 November 2012”, with two grants obtained from Italian Society of Endocrinology (SIE) and “Fondazione Cassa di Risparmio di Modena”
- Member of the scientific committee for the meeting “3° Corso di Aggiornamento in endocrinologia clinica. Sezione regionale SIE EMILIA-ROMAGNA”, in Modena, Italy, 5-6 May 2017
- Member of the local organizing committee for the “ICGR-IV International Conference on Gonadotropins and Receptors, 12th International Symposium on GnRH”, Modena, Italy, 20th-23rd September 2017
- Member of the local organizing committee for the “4° corso di aggiornamento in endocrinologia clinica. Società italiana di endocrinologia- sezione regionale Emilia Romagna”, Parma (on-line), 22nd-23rd January 2021

### **COMPUTER SKILLS AND COMPETENCES**

Excellent knowledge of the following programs:

- Word for Windows and Macintosh
- Excel for Windows and Macintosh
- PowerPoint for Windows and Macintosh
- Excellent knowledge of World Wide Web
- Excellent digital text management
- Excellent knowledge of databases for management of digital resources (medline etc.)

Good knowledge of the following programs:

- SigmaPlot for Windows
- SPSS for Statistical Analysis for Windows
- GraphPad for Windows

**Driving licence:** B driving license

## **PUBLICATIONS IN MEDICAL JOURNALS (INTERNATIONAL)**

1. "Ultrasound Mirror Artifact of a Thyroid Nodule by Trachea Mimicking a Tracheal Mass". Diazzì C, Gnarini V, Brigante G, Rochira V. *Thyroid*, 21:929-930, 2011.
2. "Lateralization of Calcitonin Measurements in the Wash-Out Fluid from Thyroid Fine-Needle Aspiration: A Useful Tool for the Diagnosis of C-Cell-Hyperplasia?" Rochira V, Diazzì C, Brigante G, Persani L, Fugazzola L, Rossi G, Carani C. *Thyroid*, 21:1043-1044, 2011.
3. "Premature Decline of Serum Total Testosterone in HIV-Infected Men in the HAART-Era". Rochira V, Zirilli L, Orlando G, Santi D, Brigante G, Diazzì C, Carli F, Carani C, Guaraldi G. *PLoS ONE*, 6(12): e28512, 2011.
4. "Propylthiouracil-induced Interstitial Pneumonia in a Caucasian Women with Amiodarone Induced Thyrotoxicosis". Diazzì C, Brigante G, Rossi G, Rochira V. *Thyroid*, 22:325-9, 2012.
5. "Very high prevalence of ultrasound thyroid scan abnormalities in healthy volunteers in Modena, Italy". Gnarini VL, Brigante G, Della Valle E, Diazzì C, Madeo B, Carani C, Rochira V, Simoni M. *J Endocrinol Invest*. 2013 Oct;36(9):722-8.
6. "Male sexual dysfunction and HIV: a clinical perspective". Santi D, Brigante G, Zona S, Guaraldi G, Rochira V. *Nat Rev Urol*. 2014 Feb;11(2):99-109.
7. "Gender differences in GH response to GHRH+arg in lipodystrophic patients with HIV: a key role for body fat distribution". Brigante G, Diazzì C, Ansaloni A, Zirilli L, Orlando G, Guaraldi G, Rochira V. *Eur J Endocrinol*. 2014 Apr 10;170(5):685-96.
8. "The TRHR gene is associated with hypothalamo-pituitary sensitivity to levothyroxine". Brigante G, Spaggiari G, Santi D, Cioni K, Gnarini V, Diazzì C, Pignatti E, Casarini L, Marino M, Tüttelmann F, Carani C, Simoni M. *Eur Thyroid J* 2014;3:101-108.
9. "The polycystic ovary syndrome evolutionary paradox: a genome-wide association studies-based, in silico, evolutionary explanation". Casarini L, Brigante G. *J Clin Endocrinol Metab*. 2014 Nov;99(11):E2412-20.
10. "Response to letter by Azziz R., et al". Casarini L, Brigante G. *J Clin Endocrinol Metab*. 2015 Feb;100(2):L24.

11. "Low testosterone is associated with poor health status in men with human immunodeficiency virus infection: a retrospective study". Rochira V, Diazzi C, Santi D, Brigante G, Ansaloni A, Decaroli MC, De Vincentis S, Stentarelli C, Zona S, Guaraldi G. *Andrology*. 2015 Mar;3(2):298-308.
12. "High resolution melting: a sensitive, cost-effective, time-saving technique for BRAFv600e detection in thyroid FNAB washing liquid. A prospective cohort study". Marino M, Monzani ML, Brigante G, Cioni K, Madeo B, Rochira V, Santi D, Maiorana A, Bettelli S, Moriondo V, Pignatti E, Bonacini L, Carani C, Simoni M. *Eur Thyroid J*. 2015 Jun;4(2):73-81. doi: 10.1159/000430092.
13. "Is polycystic ovary syndrome a sexual conflict? A review". Casarini L, Simoni M, Brigante G. *Reprod Biomed Online*. 2016 Feb 2. pii: S1472-6483(16)00047-X. doi: 10.1016/j.rbmo.2016.01.011.
14. Serum total estradiol, but not testosterone is associated with reduced bone mineral density (BMD) in HIV-infected men: a cross-sectional, observational study. D. Santi, B. Madeo, F. Carli, S. Zona, G. Brigante, F. Vescini, G. Guaraldi, V. Rochira. *Osteoporos Int*. 2016 Mar;27(3):1103-14.
15. Thyroid Ultrasound Pitfalls: Esophageal Fibrovascular Polyp Mimicking Thyroid Nodule. Ansaloni A, Brigante G, Madeo B. *Case Rep Endocrinol*. 2016;2016:3601508. doi: 10.1155/2016/3601508. Epub 2016 Feb 28.
16. Clinical Applications of Gonadotropins in the Female: Assisted Reproduction and Beyond. Casarini L, Brigante G, Simoni M, Santi D. *Prog Mol Biol Transl Sci*. 2016;143:85-119. doi:10.1016/bs.pmbts.2016.08.002. PMID: 27697205
17. Pituitary growth hormone (GH) secretion is partially rescued in HIV-infected patients with GH deficiency (GHD) compared to hypopituitary patients. Diazzi C\*, Brigante G\*, Ferrannini G, Ansaloni A, Zirilli L, De Santis MC, Zona S, Guaraldi G, Rochira V. *Endocrine*. 2017 Mar;55(3):885-898. doi: 10.1007/s12020-016-1133-0. Epub 2016 Oct 11. (\*contributed equally to the work)
18. Genetics of gonadotropins and their receptors as markers of ovarian reserve and response in controlled ovarian stimulation. Laura Riccetti, Francesco De Pascali, Lisa Gilioli, Daniele Santi, Giulia Brigante, Manuela Simonia, Livio Casarini. *Best Practice & Research Clinical Obstetrics & Gynaecology*. *Best Pract Res Clin Obstet Gynaecol*. 2017 Apr 17. pii: S1521-6934(17)30056-1.
19. Probiotics ingestion does not directly affect thyroid hormonal parameters in hypothyroid patients on levothyroxine treatment. Giorgia Spaggiari, Giulia Brigante, Sara De Vincentis, Umberto Cattini, Laura Roli, Maria Cristina De Santis, Enrica Baraldi, Simonetta Tagliavini, Manuela Varani, Tommaso Trenti, Vincenzo

- Rochira, Manuela Simoni, Daniele Santi. *Front Endocrinol (Lausanne)*. 2017 Nov 14;8:316. doi: 10.3389/fendo.2017.00316.
20. Gonadotropins beyond ART. Sara De Vincentis, Livio Casarini, Simoni Manuela, Giulia Brigante. *Current Trends in Clinical Embryology*. Vol 4 (No 3) 2017. doi: 10.11138/cce/2017.4.3.084
  21. Primary Leydig cells naturally expressing mouse lhr do not discriminate between LH- and hCG-mediated signaling in vitro. Laura Riccetti, Lisa Gilioli, Giulia Brigante, Manuela Simoni, Livio Casarini. *Current Trends in Clinical Embryology*. Vol 4 (No 3) 2017. doi: doi: 10.11138/cce/2017.4.3.091
  22. Role of the Bile Acid Transporter SLC10A1 in Liver Targeting of the Lipid-Lowering Thyroid Hormone Analog Eprotirome. Kersseboom S, van Gucht ALM, van Mullem A, Brigante G, Farina S, Carlsson B, Donkers JM, van de Graaf SFJ, Peeters RP, Visser TJ. *Endocrinology*. 2017 Oct 1;158(10):3307-3318. doi: 10.1210/en.2017-00433.
  23. Thyroid State Regulates Gene Expression in Human Whole Blood. Massolt ET, Meima ME, Swagemakers SMA, Leeuwenburgh S, van den Hout-van Vroonhoven MCGM, Brigante G, Kam BLR, van der Spek PJ, van IJcken WFJ, Visser TJ, Peeters RP, Visser WE. *J Clin Endocrinol Metab*. 2018 Jan 1;103(1):169-178. doi: 10.1210/jc.2017-01144.
  24. Serum microRNA profiles in athyroid patients on and off levothyroxine therapy. Massolt ET, Chaker L, Visser TJ, Gillis AJM, Dorssers LCJ, Beukhof CM, Kam BLR, Franssen GJ, Brigante G, van Ginhoven TM, Visser WE, Looijenga LHJ, Peeters RP. *PLoS One*. 2018 Apr 12;13(4):e0194259. doi: 10.1371/journal.pone.0194259
  25. Two hormones for one receptor: evolution, biochemistry, actions and pathophysiology of LH and hCG. Casarini L, Santi D, Brigante G, Simoni M. *Endocr Rev*. 2018 Jun 13. doi: 10.1210/er.2018-00065.
  26. Crosstalk between gonadotropins and thyroid axis. De Vincentis S, Monzani ML, Brigante G. *Minerva Ginecol*. 2018 Oct;70(5):609-620. doi: 10.23736/S0026-4784.18.04271-5. Epub 2018 Jul 10.
  27. Expression and clinicopathological role of miR146a in thyroid follicular carcinoma. Elisa Pignatti, Eleonora Vighi, Elisa Magnani, Elda Kara, Luca Roncati, Antonino Maiorana, Daniele Santi, Bruno Madeo, Katia Cioni, Cesare Carani, Vincenzo Rochira, Manuela Simoni, Giulia Brigante. *Endocrine*. 2019 Jan 30. doi: 10.1007/s12020-019-01845-9.
  28. Abacavir, nevirapine, and ritonavir modulate intracellular calcium levels without affecting GHRH-mediated growth hormone secretion in somatotrophic cells in vitro. Giulia Brigante, Laura Riccetti, Clara Lazzaretti, Laura Rofrano, Samantha Sperduti, Francesco Potì, Chiara Diazzi, Flavia Prodám, Giovanni Guaraldi, Andrea

- G. Lania, Vincenzo Rochira, Livio Casarini. *Mol Cell Endocrinol*. 2019 Feb 15;482:37-44. doi: 10.1016/j.mce.2018.12.005.
29. Inferring biallelism of two FSH receptor mutations associated with spontaneous ovarian hyperstimulation syndrome by evaluating FSH, LH and hCG cross-activity. Clara Lazzaretti, Laura Riccetti, Samantha Sperduti, Claudia Anzivino, Giulia Brigante, Francesco De Pascali, Francesco Potì, Valentina Rovei, Gabriella Restagno, Caterina Mari, Cristina Lussiana, Chiara Benedetto, Alberto Revelli, Livio Casarini. *Reprod Biomed Online*. 2018 Dec 23. pii: S1472-6483(18)30650-3. doi: 10.1016/j.rbmo.2018.12.021
30. Semi-annual seasonal pattern of serum thyrotropin in adults. Daniele Santi, Giorgia Spaggiari, Giulia Brigante, Monica Setti, Simonetta Tagliavini, Tommaso Trenti, Manuela Simoni. *Sci Rep*. 2019 Jul 25;9(1):10786. doi: 10.1038/s41598-019-47349-4. PMID: 31346248
31. Concomitant medullary thyroid carcinoma with paraganglioma-like pattern and papillary thyroid carcinoma. Greco Carla, Brigante Giulia, Taliani Erica, Corrado Stefania, Simoni Manuela, Madeo Bruno. *Endocrinol Diabetes Metab Case Rep*. 2019 Nov 28;2019. pii: EDM190094. doi: 10.1530/EDM-19-0094
32. Graves' disease and the post-partum period: An intriguing relationship. Laura Croce, Giulia Di Dalmazi, Francesca Orsolini, Camilla Virili, Giulia Brigante, Elena Gianetti, Mariacarla Moleti, Giorgio Napolitano, Massimo Tonacchera and Mario Rotondi. *Front Endocrinol (Lausanne)*. 2019 Dec 10;10:853. doi: 10.3389/fendo.2019.00853. eCollection 2019
33. De novo lesions frequently develop in adult normal thyroid over six years. Brigante Giulia, Monzani Maria Laura, Locaso Michela, Gnarini Valentina Luisa, Graziadei Luigi, Shaniko Kaleci, De Santis Maria Cristina, Tagliavini Simonetta, Simoni Manuela, Rochira Vincenzo, Madeo Bruno". *Front Endocrinol (Lausanne)*. 2020 Jan 29;11:18. doi: 10.3389/fendo.2020.00018. eCollection 2020.
34. FSH for the treatment of male infertility. Livio Casarini, Pascale Crépieux, Eric Reiter, Clara Lazzaretti, Elia Paradiso, Vincenzo Rochira, Giulia Brigante, Daniele Santi, Manuela Simoni. *Int. J. Mol. Sci*. 2020, 21, 2270; doi:10.3390/ijms21072270
35. Follicle-stimulating hormone (FSH) action on spermatogenesis: focus on physiological and therapeutic role. Daniele Santi, Pascale Crépieux, Eric Reiter, Giorgia Spaggiari, Giulia Brigante, Livio Casarini, Vincenzo Rochira, Manuela Simoni. *J Clin Med*. 2020 Apr 3;9(4). pii: E1014. doi: 10.3390/jcm9041014
36. Prospects for FSH treatment of male infertility. Manuela Simoni, Giulia Brigante, Vincenzo Rochira, Daniele Santi, Livio Casarini. *J Clin Endocrinol Metab*. 2020 May 6. doi:0.1210/clinem/dgaa243

37. The added value of operator's judgement in thyroid nodule ultrasound classification arising from histologically based comparison of different risk stratification systems. Bruno Madeo\*, Giulia Brigante\*, Anna Ansaloni, Erica Taliani, Shaniko Kaleci, Maria Laura Monzani, Manuela Simoni and Vincenzo Rochira (\*contributed equally to the work). *Front Endocrinol (Lausanne)*. 2020 July 7: 11:434. doi.org/10.3389/fendo.2020.00434
39. Sphingosine-1 phosphate induces cAMP/PKA-independent phosphorylation of the cAMP response element-binding protein (CREB) in granulosa cells. Elia Paradiso, Clara Lazzaretti, Samantha Sperduti, Francesco Antoniani, Giulia Fornari, Giulia Brigante, Giulia Di Rocco, Simonetta Tagliavini, Tommaso Trenti, Daria Morini, Angela Immacolata Falbo, Maria Teresa Villani, Jerzy-Roch Nofer, Manuela Simoni, Francesco Potì, Livio Casarini. *Mol Cell Endocrinol*. 2021 Jan 15;520:111082. doi.org/10.1016/j.mce.2020.111082
40. Membrane estrogen receptor (GPER) and follicle-stimulating hormone receptor (FSHR) heteromeric complexes promote human ovarian follicle survival. Livio Casarini, Clara Lazzaretti, Elia Paradiso, Silvia Limoncella, Laura Riccetti, Samantha Sperduti, Beatrice Melli, Serena Marcozzi, Claudia Anzivino, Niamh S. Sayers, Jakub Czapinski, Giulia Brigante, Francesco Potì, Antonio La Marca, Francesco De Pascali, Eric Reiter, Angela Falbo, Jessica Daolio, Maria Teresa Villani, Monica Lispi, Giovanna Orlando, Francesca G. Klinger, Francesca Fanelli, Adolfo Rivero-Müller, Aylin C. Hanyaloglu, Manuela Simoni. *iScience* 2020, 23(12):101812. DOI: 10.1016/j.isci.2020.101812
41. The “Hitchhiker's Guide to the Galaxy” of endothelial dysfunction markers in human fertility. Daniele Santi, Giorgia Spaggiari, Carla Greco, Clara Lazzaretti, Elia Paradiso, Livio Casarini, Francesco Potì, Giulia Brigante, Manuela Simoni. *International Journal of Molecular Sciences*. 22(5),2584, pp. 1-25. DOI: 10.3390/ijms22052584
42. Real-life use of BRAF-V600E mutation analysis in thyroid nodule fine needle aspiration: consequences on clinical decision-making. Giulia Brigante, Andrea Craparo, Elisa Pignatti, Marco Marino, Maria Laura Monzani, Sara De Vincentis, Livio Casarini, Samantha Sperduti, Gisella Boselli, Gianluca Margiotta, Margherita Ippolito, Vincenzo Rochira, Manuela Simoni. *Endocrine*. 2021 Mar 23. doi: 10.1007/s12020-021-02693-2.
43. Impact of COVID-19-related national lockdown on thyroid hormone in young males: a prospective, observational clinical trial. Giulia Brigante, Giorgia Spaggiari, Barbara Rossi, Antonio Granata, Manuela Simoni, Daniele Santi. *Scientific Reports*, 2021, 11(1), 7075. doi: 10.1038/s41598-021-86670-9.

43. Chronic thyroiditis in lateral ectopic thyroid mimicking cervical metastasis of thyroid cancer. Simone Pederzoli, Tiziana Salviato, Francesco Mattioli, Di Massa Gianluca, Giulia Brigante. *Endocrinology, Diabetes & Metabolism Case Reports*, June 2021. DOI: 10.1530/EDM-21-0052
44. Effect Of the Glucagon-like Peptide-1 Receptor (GLP-1R) Agonists On Autonomic Function In Subjects With Diabetes: A Systematic Review And Meta-Analysis. Carla Greco, Daniele Santi, Giulia Brigante, Chiara Pacchioni, Manuela Simoni. *Diabetes Metab J*. 2022 Nov;46(6):901-911. doi: 10.4093/dmj.2021.0314. Epub 2022 Apr 12.
45. Seasonal reproduction and gonadal function: A focus on humans starting from animal studies. Beltran-Frutos E, Casarini L, Santi D, Brigante G. *Biology of reproduction*, 2022, 106(1), pp. 47–57. <https://doi.org/10.1093/biolre/ioab199>
46. Changes in quality of life after thyroidectomy in subjects with thyroid cancer in relation to the dose of levothyroxine. Maria Laura Monzani, Francesca Piccinini, Gisella Boselli, Rossella Corleto, Gianluca Margiotta, Robin Peeters, Manuela Simoni, Giulia Brigante. *J Endocrinol Invest*. 2022 Aug 21. doi: 10.1007/s40618-022-01903-6.
47. Genetic signature of differentiated thyroid carcinoma susceptibility: a machine learning approach. Giulia Brigante, Clara Lazzaretti, Elia Paradiso, Federico Nuzzo, Martina Sitti, Frank Tüttelmann, Gabriele Moretti, Roberto Silvestri, Federica Gemignani, Asta Försti, Kari Hemminki, Rossella Elisei, Cristina Romei, Eric Adriano Zizzi, Marco Agostino Deriu, Manuela Simoni, Stefano Landi, Livio Casarini. *Eur Thyroid J*. 2022 Sep 12;11(5):e220058. doi: 10.1530/ETJ-22-0058. Print 2022 Oct 1.
48. Glycemic control predicts SARS-CoV-2 prognosis in diabetic subjects. Greco C, Pirotti T, Brigante G, Filippini T, Pacchioni C, Trenti T, Simoni M, Santi D. *Acta Diabetol*. 2023 Mar 20:1-9. doi: 10.1007/s00592-023-02073-4.
49. Intracellular cGMP increase is not involved in thyroid cancer cell death. Sara D'Alessandro, Elia Paradiso, Clara Lazzaretti, Samantha Sperduti, Carmela Perri, Francesco Antoniani, Sara Righi, Manuela Simoni, Giulia Brigante, Livio Casarini. *PLoS One*. 2023 Mar 30;18(3):e0283888. doi: 10.1371/journal.pone.0283888.
50. Application of calcium-to phosphorus (Ca/P) ratio in the diagnosis of pseudohypoparathyroidism: another piece in the puzzle of diagnosis of Ca-P metabolism disorders. Sara De Vincentis, Giulia Del Sindaco, Angela Pagnano, Giulia Brigante, Antonio Moretti, Lucia Zirilli, Vincenzo Rochira, Manuela Simoni,

51. Value of repeated US-guided fine-needle aspiration (US-FNAB) in the follow-up of benign thyroid nodules: a real-life study based on the MoCyThy (Modena's Cytology of the Thyroid) DATABASE with a revision of the literature. De Vincentis S, Brigante G, Ansaloni A, Madeo B, Zirilli L, Diazzi C, Belli S, Vezzani S, Simoni M, Rochira V. *Endocrine*. 2023 Dec 21. doi: 10.1007/s12020-023-03641-y.
52. Randomized double-blind placebo-controlled trial on levothyroxine and liothyronine combination therapy in totally thyroidectomized subjects: the LEVOLIO study. Brigante G, Santi D, Boselli G, Margiotta G, Corleto R, Monzani ML, Craparo A, Locaso M, Sperduti S, Roy N, Casarini L, Trenti T, Tagliavini S, De Santis MC, Roli L, Rochira V, Simoni M. *Eur J Endocrinol*. 2024 Jan 3;190(1):12-22. doi: 10.1093/ejendo/lvad172.
53. Subacute thyroiditis in the SARS-CoV-2 era: a multicentre prospective study. De Vincentis S, Loiacono S, Zanni E, Sueri R, Monzani ML, Santi D, Muller I, Di Marco F, Crivicich E, Armenti M, Pagotto U, Tucci L, Cecchetti C, Trenti T, Pecoraro V, Canu G, Simoni M, Brigante G. *Eur Thyroid J*. 2024 Jun 1:ETJ-24-0083. doi: 10.1530/ETJ-24-0083.
54. Data-Driven Thyroglobulin Cutoffs for Low- and Intermediate-Risk Thyroid Cancer Follow-Up: ITCO Real-World Analysis. Giorgio Grani, Silvia D'Elia, Efisio Puxeddu, Silvia Morelli, Emanuela Arvat, Alice Nervo, Giovanna Spiazzi, Nicoletta Rolli, Maria Chiara Zatelli, Maria Rosaria Ambrosio, Graziano Ceresini, Michela Marina, Chiara Mele, Gianluca Aimaretti, Maria Giulia Santaguida, Camilla Virili, Anna Crescenzi, Andrea Palermo, Ruth Rossetto Giaccherino, Letizia Meomartino, Maria Grazia Castagna, Fabio Maino, Matteo Trevisan, Simone De Leo, Maria Grazia Chiofalo, Luciano Pezzullo, Clotilde Sparano, Luisa Petrone, Giulia Di Dalmazi, Giorgio Napolitano, Dario Tumino, Umberto Crocetti, Francesco Bertagna, Maurilio Deandrea, Alessandro Antonelli, Caterina Mian, Antonella Carbone, Salvatore Monti, Tommaso Porcelli, Giulia Brigante, Daniele Barbaro, Marco Alfò, Umberto Ferraro Petrillo, Sebastiano Filetti, Cosimo Durante. *J Clin Endocrinol Metab*. 2024 Aug 16:dgae559. doi: 10.1210/clinem/dgae559.
55. Increased cardiovascular morbidity and reduced life expectancy in a large Italian cohort of patients with resistance to thyroid hormone  $\beta$  (RTH $\beta$ ). Irene Campi, Simona Censi, Flavia Prodam, Luisa Petrone, Giulia Brigante, Tommaso Porcelli, Maria Rosaria Ruggieri, Maria Cristina Vigone, Giuditta Rurale, Serafino Lio, Carla Pelusi, Luca Persani. *Eur J Endocrinol*. 2024 Sep 30;191(4):407-415. doi: 10.1093/ejendo/lvae117.

56. The aporetic dialogues of Modena on gender differences: Is it all about testosterone? EPISODE I: CRIME. Brigante G, D'Angelo G, Caccin V, Coluccia S, Conte I, Demichelis VM, Cecchi R, Simoni M. *Andrology*. 2024 Nov 7. doi: 10.1111/andr.13797.
57. The aporetic dialogues of Modena on gender differences: Is it all about testosterone? Episode II: Empathy. Giulia Brigante, Clara Lazzaretti, Ali Ahmad, Massimiliano Colzani, Filippo Vignali, Michele Zoli, Manuela Simoni. *Andrology*. 2025 Apr 12. doi: 10.1111/andr.70037
58. Prospective Validation of ATA Risk Score for Papillary Thyroid Microcarcinoma: An ITCO Real-World Study. De Leo S\*, Brigante G\*, D'Elia S, Censi S, Madeo B, Morelli S, Nervo A, Repaci A, Sparano C, Stramazzo I, Virili C, Bertagna F, Dondi F, Puxeddu E, Talpacci E, Zatelli MC, Ambrosio MR, Felicetti F, Piovesan A, Petrone L, Adornato V, Trevisan M, Fugazzola L, Mele C, Zavattaro M, Solaroli E, Salituro N, Rossi M, Pagano L, Colapinto A, Basso C, Ceresini G, Marina M, Crocetti U, Massa M, Deandrea M, Retta F, Spiazzi G, Rolli N, Bruno R, Carbone A, Rotondi M, Magri F, Fallahi P, Chiofalo MG, Santaguida MG, Monti S, Porcelli T, Castello R, Sagnella A, Clausi C, Dalmazi GD, Tumino D, Palermo A, Brunetti A, Lania A, Liverani A, Durante C, Petrillo UF, Alfo' M, Filetti S, Grani G. *J Clin Endocrinol Metab*. 2025 Apr 1:dgaf190. doi: 10.1210/clinem/dgaf190. \*contributed equally to the work
59. The aporetic dialogs of Modena on gender differences: Is it all about testosterone? Episode III: Mathematics. Brigante G, Costantino F, Bellelli A, Boni S, Furini C, Cucchiara R, Simoni M. *Andrology*. 2025 Jul 28. doi: 10.1111/andr.70104
60. Clinical and Pathological Factors Associated with Disease Persistence in Pediatric Patients with Differentiated Thyroid Carcinoma. Simone De Leo, Valeria Bottici, Gabriella Pellegriti, Marco Russo, Caterina Mian, Federica Vianello, Barbara Puligheddu, Gerdi Tuli, Rita Ortolano, Maria Grazia Castagna, Carlotta Pozza, Malgorzata Gabriela Wasniewska, Manlio Cabria, Vincenzo Rochira, Giulia Brigante, Francesco Felicetti, Maria Cristina Vigone, Maria Chiara Zatelli, Gerardo Esposito, Alessia Dolci, Emanuela Arvat, Francesco Giorgino, Marcello Giachetti, Maria Laura Tanda, Laura Fugazzola, and Rossella Elisei. *Thyroid*. 2025 Sep;35(9):1013-1023. doi: 10.1177/10507256251363978
61. International Consensus on the Requirements for Definitions of Complete Remission and Recurrence of Differentiated Thyroid Cancer: a Delphi Study (ICON-DTC) Daniël J. van de Berg, Hanneke M. van Santen, A.S. Paul van Trotsenburg, Eveline Bruinstroop, Sarah C. Clement, Menno R. Vriens, Schelto Kruijff, Robin P. Peeters, Frederik A. Verburg, Romana Netea-Maier, Els J.M. Nieveen van Dijkum, Laura Fugazzola, Marek Dedecjus, W. Edward Visser, Kenneth K. Baidoo, Joep P.M. Derikx, and Anton F. Engelsman; Differentiated Thyroid Cancer Recurrence Collaboration Group (Collaborators.... Giulia Brigante...), *Eur J Endocrinol*. 2025 Nov 26;193(6):772-782. doi: 10.1093/ejendo/lvaf243

62. The Aporetic Dialogues of Modena on Gender Differences: Is It All About Testosterone? Episode IV: Love. Brigante G, Paglia F, Renda Livraghi D, Dalla Valentina L, Griseta V, Perri C, Carani C, Simoni M. *Andrology*. 2025 Dec 12:e70158. doi: 10.1111/andr.70158.

#### **PUBLICATIONS IN MEDICAL JOURNALS (NATIONAL)**

1. Terapia sostitutiva tiroidea e risposta tissutale: quando il TSH non basta. Maria Laura Monzani, Francesca Piccinini, Manuela Simoni, Giulia Brigante. *L'Endocrinologo* 2020 21(5), 319-324; doi:10.1007/s40619-020-00775-3
2. Il ruolo della calcitonina su liquido di lavaggio da agoaspirato tiroideo nella patologia midollare. Giulia Brigante, Bruno Madeo, Chiara Diazzi, Manuela Simoni, Vincenzo Rochira. *L'Endocrinologo* Marzo 2021. DOI: 10.1007/s40619-021-00840-5
3. L'ormone luteinizzante e la gonadotropina corionica umana: attività molecolari e cliniche mediate da un unico recettore. Samantha Sperduti, Elia Paradiso, Clara Lazzaretti, Vincenzo Rochira, Giulia Brigante, Daniele Santi, Manuela Simoni & Livio Casarini. *L'Endocrinologo* Maggio 2021. volume 22, pages201–206. doi.org/10.1007/s40619-021-00862-z
4. Il SARS-CoV-2 è un nemico (anche) della tiroide? Gisella Boselli, Simona Loiacono, Eleonora Zanni, Roberta Sueri, Giulia Brigante. *L'Endocrinologo* Maggio 2023. doi.org/10.1007/s40619-023-01269-8
5. Terapia dell'ipotiroidismo primitivo: un ormone o due ormoni? Giulia Brigante, Giovanni Ceccarini, Tommaso Porcelli, Ferruccio Santini, Domenico Salvatore, Manuela Simoni, Luigi Bartalena. *L'Endocrinologo* Febbraio 2024. doi.org/10.1007/s40619-024-01429-4
6. Effetto dei fenoli sulla funzionalità tiroidea. Giulia D'Angelo, Vincenzo Rochira, Giulia Brigante. *L'Endocrinologo* 25, 262–263 (2024). doi.org/10.1007/s40619-024-01451-6
7. Mortalità nei pazienti con adenoma surrenalico non secernente. Caterina Golinelli, Giulia D'Angelo, Vincenzo Rochira, Giulia Brigante. *L'Endocrinologo* Agosto 2024. doi.org/10.1007/s40619-024-01500-0
8. I livelli di triiodotironina possono influenzare o essere influenzati dalle caratteristiche sociodemografiche nella popolazione generale? Roberta Sueri, Giulia D'Angelo, Vincenzo Rochira, Giulia Brigante. *L'Endocrinologo*, Agosto 2024. doi.org/10.1007/s40619-024-01506-8
9. Dubbi sulla localizzazione extragonadica di recettori dell'FSH. Livio Casarini, Giulia Brigante. *L'Endocrinologo*, Ottobre 2024. 25:588–589 <https://doi.org/10.1007/s40619-024-01525-5>

10. Prevalenza e incidenza di fratture in pazienti con adenomi surrenalici non funzionanti. Filippo Vignali, Giulia D'Angelo, Vincenzo Rochira, Giulia Brigante. L'Endocrinologo Novembre 2024. <https://doi.org/10.1007/s40619-024-01558-w>
11. L'omeostasi degli ormoni tiroidei in pazienti trattati con levotiroxina: dati da un'ampiacorte brasiliana. Giulia Brigante. L'Endocrinologo, Febbraio 2025. <https://doi.org/10.1007/s40619-025-01585-1>
12. È il momento di ridefinire i cut-off della tireoglobulina nel follow-up del carcinoma tiroideo differenziato? Roberta Sueri, Gloria Agrimonti, Mariachiara Martinucci, Vincenzo Rochira, Giulia Brigante. L'Endocrinologo, Marzo 2025, <https://doi.org/10.1007/s40619-025-01616-x>
13. La presentazione clinica del carcinoma tiroideo differenziato in età pediatrica è cambiata negli anni? Gloria Agrimonti, Giulia D'Angelo, Vincenzo Rochira, Giulia Brigante. Marzo 2025, <https://doi.org/10.1007/s40619-025-01614-z>
14. Differenze di genere nell'attitudine criminale: il testosterone è responsabile? Giulia Brigante, Vanessa Caccin, Immacolata Conte, Veronica Maria Demichelis, Giulia D'Angelo, Silvia Coluccia, Rossana Cecchi, Manuela Simoni. L'Endocrinologo, Luglio 2025, <https://doi.org/10.1007/s40619-025-01657-2>
15. Sorveglianza attiva nei noduli tiroidei: pro e contro Giulia Brigante, Gloria Agrimonti, Nicolò Bacchi, Francesco Costantino, Roberta Sueri, Vincenzo Rochira, Manuela Simoni. L'Endocrinologo Settembre 2025, <https://doi.org/10.1007/s40619-025-01693-y>
16. Studio di fase 1 di una nuova levotiroxina sodica sottocutanea settimanale. Chiara Voltan, Vincenzo Rochira, Giulia Brigante, L'Endocrinologo, Ottobre 2025, <https://doi.org/10.1007/s40619-025-01726-6>
17. Lobectomia come opzione terapeutica nel carcinoma midollare sporadico della tiroide: un'alternativa meno invasiva in casi selezionati. Vanessa Caccin, Vincenzo Rochira, Giulia Brigante. L'Endocrinologo, Ottobre 2025, <https://doi.org/10.1007/s40619-025-01730-w>
18. La severità della tireotossicosi come fattore predittivo di aumento di peso eccessivo dopo il trattamento dell'ipertiroidismo. Fabrizia Bracalello, Vincenzo Rochira, Giulia Brigante. L'Endocrinologo Novembre 2025, <https://doi.org/10.1007/s40619-025-01728-4>

## **BIBLIOMETRIC INDICATORS**

Publications (Scopus): 60

Number citations (Scopus): 1190

H index (Scopus): 18

## **PUBLICATIONS IN NATIONAL BOOKS OR TEXTBOOKS**

1. G. Brigante and M. Simoni. Genetic markers of ovarian response. In: The art and science of assisted reproductive technology. Editor Sunita R Tandulwadkar, 1st Ed, 2015, Jaypee Brothers Medical Publishers Ltd, Pag 107-113, 2015. ISBN: 978-93-5152-475-5
2. G. Brigante and V. Rochira. Use of L-Arginine with growth hormone releasing hormone (GHRH) and the endocrine response. In: L-Arginine in Clinical Nutrition. Editors Patel VB, Preedy VR, Rajendram R, 1st Ed, 2016, Humana Press, Pag 159-174. ISBN: 978-3-319-26007-5
3. D. Santi, G. Brigante, V. Rochira. “Nuovi scenari di disfunzione sessuale: il paziente HIV positivo”. In: Riproduzione e Sessualità dalla sperimentazione alla clinica. Carlo Foresta, Andrea Lenzi, Alberto Ferlin, Andrea Garolla Editori. CLEUP-Editrice Padova, Pag. 119-129. Padova, 2012. ISBN 9788861298323
4. Livio Casarini, Clara Lazzaretti, Elia Paradiso, Daniele Santi, Giulia Brigante, Manuela Simoni. Evolutionary, structural, and physiological differences between hCG and LH. In: 100 years of human chorionic gonadotropin. Edited by Laurence A. Cole, Stephen A. Butler. Elsevier. Pag 5-13. ISBN: 978-0-12-820050-6
5. Livio Casarini, Daniele Santi, Giulia Brigante, and Manuela Simoni. LH/hCG and the Receptor: A Single Receptor for Two Ligands. Chapter 19. In: Cellular Endocrinology in Health and Disease, Second Edition. Edited by Elsevier. 2021, pp. 413-420. ISBN: 9780128198018, DOI: <https://dx.doi.org/10.1016/B978-0-12-819801-8.00024-7>

## **GRANTS/PRIZES**

1. Best oral communication in the session Golden Communication at the first scientific meeting of young italian endocrinologists (EnGioI) in Modena, 11-12 November 2011, with the oral communicatione “GH deficiency in HIV lipodystrophic patients: r-hGH treatment and body composition”.
2. Winner of the ‘ESE Basic Science Meeting Grant’ for ICE-ECE 2012, with the poster “The TRHR gene is associated to hypothalamo-pituitary sensitivity to levothyroxine in thyroidectomized patients”.

3. Winner of the 'ESE Poster Prize' at ICE-ECE 2012, with the poster "The TRHR gene is associated to hypothalamo-pituitary sensitivity to levothyroxine in thyroidectomized patients".
4. Winner of the 'ESE Meeting Grant' for ECE 2013, with the poster "Effects of gender and body composition on GH response to GHRH plus arginine (GHRH+arg) in HIV-lipodystrophic patients: higher rate of GH deficiency in men".
5. Winner of the IBSA Prize 2013 for young endocrinologists dedicated to research on the thyroid hormones metabolism, in the category of best project among researchers under 30, with the project "Thyroxine and probiotics: a winning combination?"
6. Assignee of certificate of merit for distinguished service in the field of national and international research, during the Opening Ceremony 838th academic year of the University of Modena and Reggio Emilia.
7. Winner of the grant of the Exchange in Endocrinology Expertise ( 3E ) program in February 2014.
8. Assignee of certificate of merit for distinguished service in the field of national and international research, during the Opening Ceremony 839th academic year of the University of Modena and Reggio Emilia.
9. Grant from UEMS Section/Board of Endocrinology for the Invited Oral Communication at the European Congress of Endocrinology, 2015: UEMS GRANT RECIPIENT: "BIOLOGICAL ACTIVITY OF NOVEL THYROID HORMONE ANALOGUES: ROLE OF Na<sup>+</sup> TAUROCHOLATE COTRANSPORTING POLYPEPTIDE IN LIVER SELECTIVITY"
10. Winner of the 'ESE Basic Science Meeting Grant' for ECE 2015, for the oral communication "Biological activity of novel thyroid hormone analogues: role of Na<sup>+</sup> taurocholate cotransporting polypeptide in liver selectivity".
11. Winner of the 'SIE Premio Oro' best oral poster presentation at SIE 2015, with the poster "Biological activity of novel thyroid hormone analogues: role of Na<sup>+</sup> taurocholate cotransporting polypeptide in liver selectivity".
12. Assignee of certificate of merit for distinguished service in the field of national and international research, during the Opening Ceremony 840th academic year of the University of Modena and Reggio Emilia.
13. Winner of the 'ESE Basic Science Meeting Grant' for ECE 2019, for the poster "Polygenic susceptibility to papillary thyroid cancer: detection of the main genetic signature in Italian patients"
14. Winner of the 'ESE COVID-19 Research Grant', for the project "Subacute thyroiditis in the SARS-Cov-2 era: a prospective multicenter study". July 2020.
15. Winner of the Associazione Italiana Tiroide (AIT) Award – for research in thyroid disease for the project "Genetic signature predictive of differentiated thyroid carcinoma (DTC) susceptibility – a machine learning approach". Pisa, December 2nd 2021.

#### **INVITED ORAL COMMUNICATIONS AT CONGRESSES OR COURSES**

1. "Case report": 4° incontro AME-Emilia Romagna. Modena. October 7th, 2010.
2. "GH deficiency in HIV lipodystrophic patients: r-hGH treatment and body composition": Incontro scientifico EnGioI-Modena, 11-12 November 2011.

3. “Difficult case report”. 7<sup>o</sup> Up - to - date AME, Clinical integrated management of pituitary tumours, Bologna, 25-26 November 2011
4. “Identification of transporters involved in regulating uptake of TRbeta-selective agonists”, seminary “Le nuove frontiere endocrinologiche”, Modena, 2014, July 1st.
5. “UEMS grant recipient”. 17<sup>th</sup> European Congress of Endocrinology, Dublin, 16-20 May 2015.
6. “Citologia indeterminate: le azioni possibili (Indeterminate cytology: the possible actions)”. Modificare il fare in patologia tiroidea, Reggio Emilia, 11 March 2016
7. “Caso clinico – P-NET, Paziente con MEN 1 (Clinical case report – P-NET, Patient with MEN1)”. Tumori neuroendocrini: Post Enets 2016, Modena, 1<sup>st</sup> April 2016
8. “Tiroide e menopausa (Thyroid and menopause)”, XIV congresso regionale AOGOI, Modena, 6th June 2016
9. “Gonadotropins beyond ART”. New insights into gonadotropins’ signaling: a multidisciplinary challenge for scientists. V Edition, Firenze, 27-28<sup>th</sup> October 2016.
10. “La rilevanza della tiroide nella fertilità femminile (Thyroid in female fertility)”, 2<sup>o</sup> Hot Topics in medicina della riproduzione, Modena, 15<sup>th</sup> December 2016
11. “Attualità sui percorsi diagnostici nel carcinoma tiroideo (Current diagnostic procedures in thyroid cancer)”, 6<sup>o</sup> Convegno ELAS Aggiornamenti in Immunometria, Modena, 7<sup>th</sup> April 2017
12. “Gestione clinica del nodulo tiroideo (Clinical management of thyroid nodules)”, Corso di formazione “Le lesioni nodulari della tiroide. Imaging ecografico e stratificazione del rischio: proposta di classificazione condivisa”, Modena, 2019, 28 November
13. “Ipotiroidismo in gravidanza”, 4<sup>o</sup> corso di aggiornamento in endocrinologia clinica. Società italiana di endocrinologia- sezione regionale Emilia Romagna, Parma (on-line), 22-23 January 2021
14. “Case report”, Webinar “Tiroide: una, nessuna e centomila”, POEMA Collegium (on-line), 25 May 2022
15. “Tiroide, BMI e riproduzione”, corso SIGO young, Modena, 26 Settembre 2023
16. “Hypothyroidism in diabetic patients: how often they are related?”, Webinar sponsored by Merck Serono, online, 29 September 2023
17. “Case report - Autoimmune Polyendocrine Syndromes”, Tiroiditi 2023 Annual Conference, Carpi, 27 November 2023
18. “Scientific session for hypothyroidism, Train the trainer, Thyro-Africa Project, Nigeria chapter” Webinar sponsored by Merck Serono, online, 27th May 2024
19. “The Science and Strategy behind T3/T4 Combination Treatment”, 14th congress of Asia and Oceania Thyroid Association (AOTA), Bali, Indonesia, 22-25 May 2024
20. “Update on ITCO activities”, 12th ITCO Thyroid Cancer Forum, Torino, Italia, 22 Novembre 2024
21. “Clinical case”, Tiroiditi 2024 Annual Conference, Carpi, 23 November 2024
22. “Gestione del nodulo tiroideo”, VI corso di aggiornamento in endocrinologia clinica, Sezione regionale SIE Emilia Romagna, Ferrara, Italia, February 8th 2025
23. “Presentazione dei nuovi dati ITCO”, 2nd ITCO Winter meeting Update in thyroid cancer epidemiology, Roma, Italia, February 19th 2025

24. "Italian thyroid cancer observatory report: presentazione dei dati", 1st Italian thyroid cancer summit, Palazzo Giustiniani, Senato della Repubblica italiana, Roma, Italia, February 19th 2025
25. "Thyroid and Diabetes Mellitus: What to Know", Webinar online sponsorizzato da Merck Serono, online, March 17th 2025
26. "Thyroid Dysfunction and Cardiovascular Risk", Webinar online sponsorizzato da Merck Serono, online, April 9th 2025
27. "Gestione ipotiroidismo in gravidanza e post-partum", 5th Italian Thyroid Preceptorship", Rome 11-12 April 2025
28. "Thyroid Cancer Unmasked : Diagnosis, Distinctions & Decisions", MERGE (Medical expert gulf educa) Thyroid event, sponsorizzato da Merck Serono, online, May 17th 2025
29. "Quali novità dall'ITCO?", Masterclass carcinoma differenziato della tiroide, Pisa 30-31 Maggio 2025
30. "Improving Hypothyroidism Diagnosis", Webinar online sponsorizzato da Merck Serono, online, May 29th 2025
31. "Impatto della terapia combinata T4/T3 sulla qualità della vita e sui biomarcatori metabolici", Congresso nazionale della Società Italiana di Endocrinologia, Torino, June 11-14th 2025
32. "Thyroid eye disease: impatto epidemiologico, clinico e socio-assistenziale. Il punto di vista dell'endocrinologo", Incontro organizzato da Motore Sanità su ricerca ed innovazione scientifica che spingono all'innovazione organizzativa, l'esempio della Thyroid Eye Disease, Regione Emilia Romagna, Bologna, July 1st 2025
33. "Il contributo dell'osservatorio ITCO: presentazione clinica e gestione nella pratica reale in Italia", 13th ITCO thyroid cancer forum, Roma, September 13th 2025
34. "Obesity and thyroid dysfunction: an intriguing connection", Merck Symposium at the Congress of Russian Endocrinology association, Russia (online), October 9th 2025
35. "Il Cancro alla tiroide riguarda anche I bambini?", Argomenti di endocrinologia pediatrica pratica, Modena, October 17th 2025
36. "La prospettiva dell'endocrinologo: funzione tiroidea e salute riproduttiva", Ginecologo ed Endocrinologo face to face, Bologna, November 21st 2025
37. "La terapia combinata nei pazienti tiroidectomizzati", Tiroiditi, Carpi, November 22nd 2025
38. "Contracezione ormonale e funzione tiroidea", La contraccezione nei casi difficili...perché ogni donna è un caso difficile!", Modena, November 28th 2025
39. "AIT incontra ITCO", Congresso nazionale AIT, Firenze, November 27-29th 2025

**THESIS SUPERVISOR or CO-SUPERVISOR**

**2011.** Degree Programme in Medicine and Surgery. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Genetic determinants of hypothalamic - pituitary sensitivity to levothyroxine”. Graduate: Giorgia Spaggiari. MD degree, 110/110 cum laude

**2013.** Degree Programme in Medicine and Surgery. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Growth hormone (GH) axis impairment in adults: Effects of gender, body composition and HIV infection. Comparison between GH-deficient patients with HIV-related lipodystrophy and with Classical hypopituitarism”. Graduate: Giulia Ferrannini. MD degree, 110/110 cum laude

**2016.** Degree Programme in Medicine and Surgery. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Different thyroid states and their relation to quality of life: an observational prospective study”. Graduate: Francesca Piccinini. MD degree, 110/110 cum laude

**2016.** Biomedical laboratory techniques degree. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Analisi dei fattori ambientali e genetici alla base dell’aumentata incidenza mondiale dei tumori della tiroide (Analysis of environmental and genetic factors behind increasing global incidence of thyroid tumors)”. Graduate: Federico Nuzzo., 110/110 cum laude

**2016.** Degree Programme in Medicine and Surgery. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Influence of probiotics on levothyroxine replacement therapy: preliminary results of a prospective randomized controlled trial”. Graduate: Umberto Cattini.

**2017.** Experimental and applied biology degree. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Effetti degli ormoni tiroidei in linee cellulari di tumore alla tiroide (Effects of thyroid hormones in cell lines of thyroid cancer)”. Graduate: Silvia Tassinari, 110/110

**2017.** Experimental and applied biology degree. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Effetti molecolari di farmaci antiretrovirali sulla linea cellulare ipofisaria GH3 (Molecular effects of antiretrovirals on pituitary cell line GH3)”. Graduate: Laura Rofrano, 110/110 cum laude

**2018.** Experimental and applied biology degree. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Proliferative and anti-apoptotic effects mediated by cyclic nucleotides in two thyroid tumoral cell lines”. Graduate: Francesco Antoniani, 110/110 cum laude

**2018.** Degree Programme in Medicine and Surgery. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Quality of life in thyroidectomized patients under substitutive levothyroxine therapy”. Graduate: Lisa Torelli, 110/110 cum laude

**2018.** Degree Programme in Medicine and Surgery. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Quality of life in thyroid cancer patients: evaluation during follow-up”. Graduate: Francesca Della Casa Venturelli. 110/110 cum laude

**2018.** Degree Programme in Medicine and Surgery. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Thyroid disorders incidence in patients with previous negative thyroid ultrasound”. Graduate: Luigi Graziadei. 110/110

**2019.** Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Effects of thyroid function on quality of life and peripheral serum markers: results from a cohort of thyroid cancer patients”. Graduate: Maria Laura Monzani. Specialization in Endocrinology and Metabolism, 110/110 cum laude

**2019.** Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Diagnostic and prognostic role of BRAF V600E mutation analysis in thyroid nodules”. Graduate: Andrea Craparo. Specialization in Endocrinology and Metabolism, 110/110 cum laude

**2020.** Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Role of calcitonin measurement in fine-needle aspiration washout fluid in thyroid nodules for early diagnosis of medullary thyroid carcinoma”. Graduate: Carla Immacolata Lucia Greco. Specialization in Endocrinology and Metabolism, 110/110 cum laude

**2020.** Degree Programme in Medicine and Surgery. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Clinical impact of mutation analysis of BRAF gene in thyroid nodules”. Graduate: Margherita Ippolito. MD degree, 110/110 cum laude

**2020.** Degree Programme in Medicine and Surgery. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Genetic and environmental risk factors of differentiated thyroid cancer”. Graduate: Martina Sitti. MD degree, 110/110 cum laude

**2020.** Degree Programme in Medicine and Surgery. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Progression of thyroid disease six years after first thyroid ultrasound evaluation”. Graduate: Anita Morini. MD degree, 106/110

**2020.** Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. School of Medical Specialization in Endocrinology and Metabolism. Thesis Title: “Role of calcitonin measurement in fine-needle aspiration washout fluid in thyroid nodules for early diagnosis of medullary thyroid carcinoma”. Graduate: Carla Immacolata Lucia Greco. Degree: 110/110 cum laude

**2022.** Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. School of Medical Specialization in Endocrinology and Metabolism. Thesis Title: “Effects of DIO2 and MCT10 polymorphisms on therapeutic compensation and preference in thyroidectomized patients treated with levothyroxine monotherapy or levothyroxine and liothyronine combination therapy”. Advisor: Dr.ssa Giulia Brigante. Graduate: Gisella Boselli. Degree 110/110 cum laude

**2022.** Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. School of Medical Specialization in Endocrinology and Metabolism. Thesis Title: “COMBINED THERAPY WITH LEVOTHYROXINE AND LIOTHYRONINE IN THYROIDECTOMIZED SUBJECTS: A RANDOMIZED, DOUBLE-BLIND, PROSPECTIVE STUDY”. Advisor: Dr.ssa Giulia Brigante. Graduate: Gianluca Margiotta. Degree: 110/110 cum laude

**2023.** Degree Programme in Medicine and Surgery. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “ONCOLOGICAL OUTCOME IN RELATION TO THE HISTOLOGICAL CHARACTERISTICS OF

THE TUMOR IN SUBJECTS WITH THYROID CANCER”. Advisor: Dr.ssa Giulia Brigante. Graduate: Chiara Voltan. Degree: 1110/110 cum laude.

**2023.** Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. School of Medical Specialization in Endocrinology and Metabolism. Thesis Title: “SUBACUTE THYROIDITIS IN THE SARS-COV-2 ERA: A PROSPECTIVE STUDY”. Advisor: Dr.ssa Giulia Brigante. Graduate: Simona Loiacono. Degree: 110/110 cum laude

**2023.** Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. School of Medical Specialization in Endocrinology and Metabolism. Thesis Title: “Clinical characteristics of subjects with anaplastic or high grade follicular-derived thyroid cancer”. Advisor: Dr.ssa Giulia Brigante. Graduate: Francesca Piccinini. Degree: 110/110 cum laude

**2024.** Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Degree course in nursing. Thesis Title: “Assistenza infermieristica al paziente con diagnosi di carcinoma tiroideo (Nursing care for patients diagnosed with thyroid cancer)”. Advisor: Dr.ssa Giulia Brigante. Graduate: Maddalena Belloni.

**2025:** Degree Programme in Medicine and Surgery. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “The Role of Anti-Thyroglobulin Antibodies in Thyroid Cancer Follow-up: Diagnostic Challenges and Clinical Impact”. Advisor: Prof.ssa Manuela Simoni. Graduate: Caterina Ridolfi.

**2025:** Degree Programme in Medicine and Surgery. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Bone health in women with hereditary breast and ovarian cancer syndrome: effect of prophylactic bilateral salpingo-oophorectomy and hormone replacement therapy”. Advisor: Prof.ssa Manuela Simoni. Graduate: Eleuteri Ludovica.

**2025:** Degree Programme in Medicine and Surgery. Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. Thesis Title: “Prognosis of Differentiated Thyroid Carcinoma in Pediatric Patients”. Advisor: Prof.ssa Manuela Simoni. Graduate: Victoria Putina.

**2025:** Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. School of Medical Specialization in Endocrinology and

Metabolism. Thesis Title: “Prospective Validation of ATA Risk Score for Papillary Thyroid Microcarcinoma”.  
Advisor: Prof. Vincenzo Rochira. Graduate: Gloria Agrimonti. Degree: 110/110 cum laude

**2025:** Unit and Chair of Endocrinology & Metabolism, Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia. School of Medical Specialization in Endocrinology and Metabolism. Thesis Title: “Tumor size in thyroid cancer: an updated overview focused on papillary carcinoma from a large cohort”. Advisor: Prof. Vincenzo Rochira. Graduate: Roberta Sueri. Degree: 110/110 cum laude

### **SELECTED ORAL COMMUNICATIONS AT CONGRESSES OR COURSES**

1. “Prevalence and characterization of hypogonadism among men with Human Immunodeficiency Virus Infection”. Brigante G, Santi D, Zirilli L, Diazzi C, Carani C, Guaraldi G, Orlando G, Rochira V. XXV Convegno di Medicina della riproduzione, Abano 2010.
2. “Prevalence and characterization of hypogonadism among men with human immunodeficiency virus infection: preliminary results”. Brigante G, Santi D, Zirilli L, Diazzi C, Orlando G, Simoni M, Guaraldi G, Carani C, Rochira V. IX Congresso della Società Italiana di Andrologia e Medicina della Sessualità, Modena 2010.
3. “Prevalence of secondary, primary, and compensated hypogonadism in HIV infected men in the highly active antiretroviral therapy (HAART) era: a cross-sectional observational study”. Brigante G, Santi D, Zirilli L, Diazzi C, Orlando G, Simoni M, Guaraldi G, Carani C, Rochira V. 35mo Congresso Nazionale della Società italiana di endocrinologia, Chieti-Pescara 2011.
4. “Biological activity of novel thyroid hormone analogues: role of Na<sup>+</sup> taurocholate cotransporting polypeptide in liver selectivity”. Brigante G, Carlsson B, Kersseboom S, Peeters RP, Visser TJ. 17<sup>th</sup> European Congress of Endocrinology, Dublin, 16-20 May 2015.
5. “Polygenic susceptibility to papillary thyroid cancer: detection of the main genetic signature in Italian patients”. Giulia Brigante, Clara Lazzaretti, Elia Paradiso, Asta Försti, Kari Hemminki, Rossella Elisei, Cristina Romei, Manuela Simoni, Stefano Landi, Livio Casarini. 40mo Congresso Nazionale della Società italiana di endocrinologia, Roma 2019.
6. “Ovarian Follicle Survival Is Determined by Follicle-Stimulating Hormone Receptor (FSHR) and Estrogen Receptor (GPER) Heteromers”. Livio Casarini, Clara Lazzaretti, Elia Paradiso, Silvia Limoncella, Laura Riccetti, Samantha Sperduti, Beatrice Melli, Serena Marcozzi, Claudia Anzivino, Niamh S. Sayers, Jakub Czapinski, Giulia Brigante, Francesco Potì, Antonio La Marca, Maria T. Villani, Francesca G. Klinger,

Francesca Fanelli, Adolfo Rivero-Müller, Aylin C. Hanyaloglu, Manuela Simoni. Endocrine Society Congress, San Francisco, USA, 28-31 March 2020

7. “Bone is the only tissue reflecting peripheral consequences of the Thr92Ala polymorphism of the type 2 deiodinase (DIO2) in thyroidectomized subjects treated with levothyroxine”. Monzani Maria Laura, Casarini Livio, Sperduti Samantha, Francesca Piccinini, Simonetta Tagliavini, Maria Cristina De Santis, Simoni Manuela, Brigante Giulia. 41° Congresso Nazionale SIE. Roma, 14-17 July 2021.
8. “Thr92Ala polymorphism of the type 2 deiodinase (DIO2) is associated with higher risk of iatrogenic thyrotoxicosis in thyroidectomized subjects treated with levothyroxine and liothyronine”. Boselli Gisella, Margiotta Gianluca, Corleto Rossella, Monzani Maria Laura, Craparo Andrea, Locaso Michela, Sperduti Samantha, Simoni Manuela, Rochira Vincenzo, Santi Daniele and Brigante Giulia. 24th European Congress of Endocrinology, ECE. Milan, 21-24 May 2022.
9. “Subacute thyroiditis (SAT) during the COVID-19 pandemic: preliminary data from the “ESE Covid Grant 2021” project”. Simona Loiacono, Eleonora Zanni, Roberta Sueri, Sara De Vincentis, Maria Laura Monzani, Francesco Di Marco, Ilaria Muller, Manuela Simoni, Daniele Santi, Giulia Brigante. 24th European congress of Endocrinology, ECE. Milan, 21-24 May 2022.
10. “LEVOLIO: STUDIO PROSPETTICO, RANDOMIZZATO CONTROLLATO, IN DOPPIO CIECO SULLA EFFICACIA DELLA TERAPIA SOSTITUTIVA COMBINATA CON LEVOTIROXINA E LIOTIRONINA IN PAZIENTI TIROIDECTOMIZZATI”. Brigante Giulia, Santi Daniele, Boselli Gisella, Margiotta Gianluca, Corleto Rossella, Monzani Maria Laura, Craparo Andrea, Locaso Michela, Sperduti Samantha, Livio Casarini, Rochira Vincenzo, Simoni Manuela, AIT2022, Salerno, Italy, 1-3 December 2022.
11. “RANDOMIZED DOUBLE-BLIND PLACEBO-CONTROLLED TRIAL ON LEVOTHYROXINE AND LIOTHYRONINE COMBINATION THERAPY: THE LEVOLIO STUDY”. Brigante Giulia, Santi Daniele, Boselli Gisella, Margiotta Gianluca, Corleto Rossella, Monzani Maria Laura, Craparo Andrea, Locaso Michela, Sperduti Samantha, Roy Neena, Casarini Livio, Trenti Tommaso, Varani Manuela, De Santis Maria Cristina, Roli Laura, Rochira Vincenzo, Simoni Manuela. 25th European congress of Endocrinology, ECE. Istanbul, 13-16 May 2023.

## **PROCEEDINGS OF INTERNATIONAL MEETINGS**

1. "GH deficiency in HIV-infected patients with lipodystrophy: preliminary data on the effects of r-hGH treatment on body composition." Zirilli L, Orlando G, Brigante G, Squillace N, Diazzì C, Carani C, Guaraldi G, Rochira V. 11th European Congress of Endocrinology, Istanbul 2009.
2. "Reversible pegvisomant-related lypohypertrophy and its possible recurrence at the new site of injection: a clinical and radiological outcome in two acromegalic women" V Rochira, L Zirilli, S Romano, G Brigante and C Carani. The Endocrine Society's 91st Annual Meeting, Washington 2009.
3. "Prevalence and characterization of hypogonadism among men with human immunodeficiency virus infection: preliminary results". Rochira V, Brigante G, Santi D, Zirilli L, Diazzì C, Orlando G, Carani C, Guaraldi G. 12th European Congress of Endocrinology, Prague 2010.
4. "Prevalence and characterization of hypogonadism among men with Human Immunodeficiency Virus Infection: preliminary results". V Rochira, D Santi, G Brigante, L Zirilli, C Diazzì, G Orlando, C Carani and G Guaraldi. The Endocrine Society's 92nd Annual Meeting, San Diego 2010.
5. Sex steroids and HIV-related osteoporosis in men: low circulating estrogens are associated with impaired bone mineral density (BMD). D. Santi, G. Brigante, G. Orlando, M. Ciccarese, C. Diazzì, G. Guaraldi, C. Carani, V. Rochira, B. Madeo. IX National Congress of the Italian Society of Medical Andrology and Sexual Medicine, Modena, Italy November 4-6, 2010.
6. "Premature decline of serum total testosterone in human immunodeficiency virus (HIV) infected men with HIV-related lipodystrophy in the highly active antiretroviral therapy (HAART) era: a cross-sectional observational study". V. Rochira; L. Zirilli; G. Orlando; D. Santi; G. Brigante; C. Diazzì; F. Carli; S. Zona; C. Carani; G. Guaraldi. 13th International Workshop on Adverse Drug Reactions and Co-morbidities in HIV, Rome, Italy 14-16 July 2011.
7. "Testosterone changes over time in men with Human Immunodeficiency Virus Infection: preliminary results". Brigante G, Santi D, Zirilli L, Diazzì C, Orlando G, Gnarini V, Carani C, Guaraldi G, Rochira V. European Congress of Endocrinology, Rotterdam 2011.
8. "Erectile dysfunction does not mirror endothelial dysfunction in hiv-infected patients". Daniele Santi, Mattia Beggi, Giulia Brigante, Stefano Zona, Kety Luzi, Gabriella Orlando, Rosario Rossi, Pierre Bouloux, Giovanni Guaraldi, Vincenzo Rochira. European Congress of Endocrinology, Rotterdam 2011.

9. "Testosterone changes over time in men with Human Immunodeficiency Virus Infection: preliminary results". Brigante G, Santi D, Zirilli L, Diazzi C, Orlando G, Gnarini V, Carani C, Guaraldi G, Rochira V. The Endocrine Society's Annual Meeting, Boston 2011.
10. "Erectile dysfunction does not mirror endothelial dysfunction in hiv-infected patients". Daniele Santi, Mattia Beggi, Giulia Brigante, Stefano Zona, Kety Luzi, Gabriella Orlando, Rosario Rossi, Pierre Bouloux, Giovanni Guaraldi, Vincenzo Rochira. The Endocrine Society's Annual Meeting, Boston 2011.
11. "The TRHR gene is associated to hypothalamo-pituitary sensitivity to levothyroxine in thyroidectomized patients". Brigante G, Spaggiari G, Cioni K, Gnarini V, Pignatti E, Casarini L, Marino M, Tüttelmann F, Carani C, Simoni M. 15th International Congress of Endocrinology and 14th European Congress of Endocrinology, Firenze 2012.
12. "Ultrasound (US) Features of Thyroid Nodules with Cytology Suspicious for Malignancy". V. Rochira, E. Taliani, A. Ansaloni, C. Diazzi, G. Brigante, C. Carani, B. Madeo. The 94th Annual Meeting of the Endocrine Society ENDO2012, Houston, TX, USA 2012.
13. "Effects of gender and body composition on GH response to GHRH plus arginine (GHRH+arg) in HIV-lipodystrophic patients: higher rate of GH deficiency in men". Brigante G, Diazzi C, Ferrannini G, Ansaloni A, Zirilli L, Guaraldi G and Rochira V. 15th European Congress of Endocrinology, Copenhagen 2013.
14. "Effects of treatment for acromegaly on bone mineral density (BMD): is pegvisomant protective on lumbar BMD?". Brigante G, Santi D, Diazzi C, De Vincentis S, Ferrannini G, Madeo B, Carani C, Simoni M, Rochira V. 15th European Congress of Endocrinology, Copenhagen 2013.
15. "TSH-deficiency is associated with a lower thyroid gland volume in hypopituitary patients compared to healthy volunteers: a cross-sectional study". Santi D, Brigante G, Gnarini V, Madeo B, De Vincentis S, Carani C, Faustini-Fustini M, Balestrieri A, Rochira V. 15th European Congress of Endocrinology, Copenhagen 2013.
16. "Effects of gender and body composition on GH response to GHRH plus arginine (GHRH+arg) in HIV-lipodystrophic patients: higher rate of GH deficiency in men". Brigante G, Diazzi C, Ferrannini G, Ansaloni A, Zirilli L, Carani C, Guaraldi G and Rochira V. The Endocrine Society's Annual Meeting, San Francisco 2013.
17. "Effects of treatment for acromegaly on bone mineral density (BMD): is pegvisomant protective on lumbar BMD?". Brigante G, Santi D, Diazzi C, De Vincentis S, Ferrannini G, Madeo B, Simoni M, Rochira V, Carani C. The Endocrine Society's Annual Meeting, San Francisco 2013.

18. "TSH-deficiency is associated with a lower thyroid gland volume in hypopituitary patients compared to healthy volunteers: a cross-sectional study". Santi D, Brigante G, Gnarini V, Madeo B, De Vincentis S, Carani C, Faustini-Fustini M, Balestrieri A, Rochira V. The Endocrine Society's Annual Meeting, San Francisco 2013.
19. "GH Deficiency in HIV-infected patients compared to hypopituitary patients". Diazzi C, Brigante G, Ferrannini G, Guaraldi G, Ansaloni A, Simoni M, Rochira V. 16th European Congress of Endocrinology, Wroclaw 2014.
20. "BRAF V600E mutation in washing liquid of thyroid fine needle aspiration: a surprising tool in cytological benign nodules". Monzani ML, Brigante G, Marino M, Bonacini L, Pignatti E, Cioni K, Madeo B, Rochira V, Santi D, Maiorana A, Carani C, Simoni M. 16th European Congress of Endocrinology, Wroclaw 2014.
21. "Thyroid volume in adult beta-thalassemic patients is smaller than in controls". Ansaloni A, Diazzi C, Santi D, Brigante G, Ferrara F, Pietrangelo A, Rochira V. 16th European Congress of Endocrinology, Wroclaw 2014.
22. "Gonadal and Sexual Function in Young/Middle Aged Human immunodeficiency virus (HIV)-Infected Men: Preliminary Data". Santi D, Brigante G, Diazzi C, De Vincentis S, Zona S, Guaraldi G, Simoni M, Rochira V. 16th European Congress of Endocrinology, Wroclaw 2014.
23. "GH Deficiency In HIV-Infected Patients Compared To hypopituitary Patients". Brigante G, Diazzi C, Ferrannini G, De Vincentis S, Guaraldi G, Ansaloni A, Simoni M, Rochira V. ICE/ENDO 2014, Chicago 2014.
24. "Thyroid volume in adult beta-thalassemic patients is smaller than in controls". Ansaloni A, Diazzi C, Santi D, Brigante G, Ferrara F, Pietrangelo A, Rochira V. ICE/ENDO 2014, Chicago 2014.
25. "Serum gonadotropins secretion is not reduced with advancing age in HIV-infected females: results of a case-control study in menopausal women". Diazzi C, Brigante G, Guaraldi G, Simoni M, Rochira V. 17th European Congress of Endocrinology, Dublin, Ireland 2015.
26. "Thyroid nodules ultrasound classification and the importance of the endocrinologist clinical feeling". Madeo B, Brigante G, Ansaloni A, Taliani E, Simoni M, Rochira V. 19th European Congress of Endocrinology, Lisbon, Portugal 2017.

27. "Thyroid ultrasound alterations occurrence in patients with previous negative examination: a 6-year observational follow-up trial". Monzani ML, Brigante G, Locaso M, Santi, Graziadei L, Gnarini VL, Simoni M, Madeo B. 20th European Congress of Endocrinology, Barcelona, Spain 2018.
28. "Diagnostic Accuracy of Different Thyroid Ultrasound Classification Systems and the Added Value of Operator Subjective Impression in Stratifying Nodule Risk". Madeo B, Brigante G, Ansaloni A, Taliani E, Shaniko Kaleci, Monzani ML, Simoni M, Rochira V. The Endocrine Society's Annual Meeting, New Orleans, USA 2019.
29. "Ultrasound Changes Of Healthy Thyroides Over Six Years In Adults". Brigante Giulia, Monzani Maria Laura, Locaso Michela, Gnarini Valentina Luisa, Graziadei Luigi, Shaniko Kaleci, De Santis Maria Cristina, Tagliavini Simonetta, Simoni Manuela, Rochira Vincenzo, Madeo Bruno. The Endocrine Society's Annual Meeting, New Orleans, USA 2019.
30. "Polygenic susceptibility to papillary thyroid cancer: detection of the main genetic signature in Italian patients". Giulia Brigante, Clara Lazzaretti, Elia Paradiso, Asta Försti, Kari Hemminki, Rossella Elisei, Cristina Romei, Manuela Simoni, Stefano Landi, Livio Casarini. 21th European Congress of Endocrinology, Lyon, France 2019.
31. "Classification of thyroid nodules by ultrasound in clinical practice: the added value of the judgment of the skilled endocrinologist". Madeo Bruno, Brigante Giulia, Ansaloni Anna, Taliani Erica, Shaniko Kaleci, Monzani Maria Laura, Simoni Manuela, Rochira Vincenzo. 21th European Congress of Endocrinology, Lyon, France 2019.
32. "Quality of life in patients thyroidectomized for differentiated thyroid cancer". Maria Laura Monzani, Sara De Vincentis, Francesca Della Casa Venturelli, Francesca Piccinini, Simonetta Tagliavini, Robin P Peeters, Manuela Simoni, Giulia Brigante. 21th European Congress of Endocrinology, Lyon, France 2019.
33. "Dominance of ovarian follicles is determined by follicle-stimulating hormone receptor (FSHR) and G protein-coupled estrogen receptor (GPER) heterodimerization". Livio Casarini, Clara Lazzaretti, Elia Paradiso, Laura Riccetti, Samantha Sperduti, Serena Marcozzi, Niamh Sayers, Giulia Brigante, Francesco Potì, Antonio La Marca, Barbara Valli, Angela Falbo, Maria Teresa Villani, Francesca G. Klinger, Francesca Fanelli, Aylin C. Hanyaloglu, Manuela Simoni. 21th European Congress of Endocrinology, Lyon, France 2019.
34. "Demonstration of follicle-stimulating hormone receptor (FSHR) and G protein-coupled estrogen receptor (GPER) heterodimerization by bioluminescence resonance energy transfer (BRET)". Clara Lazzaretti, Elia Paradiso, Laura Riccetti, Samantha Sperduti, Giulia Brigante, Francesco Potì, Francesca Fanelli, Manuela Simoni, Aylin C. Hanyaloglu, Livio Casarini. 21th European Congress of Endocrinology, Lyon, France 2019.

35. "Spingosine-1-phosphate induces cAMP/PKA-independent pCREB activation, but not steroidogenesis, in human granulosa cells". Elia Paradiso, Clara Lazzaretti, Laura Riccetti, Samantha Sperduti, Francesco Antoniani, Giulia Brigante, Gaetano De Feo, Daria Morini, Francesca Iannotti, Manuela Simoni, Francesco Potì, Livio Casarini. 21th European Congress of Endocrinology, Lyon, France 2019.
36. "Direct effect of TSH on bone: changes in markers of bone metabolism in women in different thyroid states". Giulia Brigante, Maria Laura Monzani, Sara De Vincentis, Simonetta Tagliavini, Maria Cristina De Santis, Gianluca Margiotta, Manuela Simoni. Targeting GPCR to generate life, preserve the environment and improve animal breeding: technological and pharmacological challenges, Tours, France 16th-18th October 2019
37. "Male gonadal function in different thyroid states: effects of TSH". Maria Laura Monzani, Giulia Brigante, Sara De Vincentis, Simonetta Tagliavini, Maria Cristina De Santis, Gianluca Margiotta, Manuela Simoni. Targeting GPCR to generate life, preserve the environment and improve animal breeding: technological and pharmacological challenges, Tours, France 16th-18th October 2019
38. "Polygenic Susceptibility to Papillary Thyroid Cancer in Italian Subjects". Giulia Brigante, Clara Lazzaretti, Elia Paradiso, Asta Försti, Kari Hemminki, Rossella Elisei, Cristina Romei, Vincenzo Rochira, Manuela Simoni, Stefano Landi, Livio Casarini. Endocrine Society Congress, San Francisco, USA, March 28-31 2020
39. "Analysis of cGMP-mediated thyroid cancer cell apoptosis using a caspase 3 BRET biosensor". Sara D'Alessandro, Elia Paradiso, Clara Lazzaretti, Beatrice Melli, Samantha Sperduti, Claudia Anzivino, Elena Russo, Daniele Santi, Giulia Brigante, Manuela Simoni, Livio Casarini. 9TH GDR meeting november 6th-9th, 2020
40. Application of calcium to phosphorus (ca/p) ratio in the diagnosis of pseudohypoparathyroidism: another piece in the puzzle of diagnosis of ca-p metabolism disorders. Sara De Vincentis, Giulia Brigante, Giulia Del Sindaco, Antonio Moretti, Angela Pagnano, Lucia Zirilli, Vincenzo Rochira, Manuela Simoni, Giovanna Mantovani, Bruno Madeo. 24th European congress of Endocrinology, ECE. Milan, 21-24 May 2022.
41. "Analysis of cGMP-mediated effect on thyroid cancer cells". Sara D'Alessandro, Elia Paradiso, Clara Lazzaretti, Samantha Sperduti, Lara Baschieri, Elisa Mascolo, Neena Roy, Claudia Anzivino, Sara Righi, Daniele Santi, Giulia Brigante, Manuela Simoni, Livio Casarini. 24th European congress of Endocrinology, ECE. Milan, 21-24 May 2022.
42. "RETROSPECTIVE OBSERVATIONAL STUDY OF ITALIAN PATIENTS WITH DIABETES MELLITUS IN COVID-19 ERA: A BIG DATA APPROACH". Greco Carla, Pirotti Tommaso, Brigante

Giulia, Filippini Tommaso, Pacchioni Chiara, Trenti Tommaso, Simoni Manuela, Santi Daniele. 24th European congress of Endocrinology, ECE. Milan, 21-24 May 2022.

43. “The absence of TSHR-GPER heteromers is a potential marker of thyroid cancer”. Carmela Perri, Sara D’Alessandro, Elia Paradiso, Clara Lazzaretti, Elisa Mascolo, Lara Baschieri, Neena Roy, Samantha Sperduti, Manuela Simoni, Giulia Brigante, Livio Casarini. 45th Annual meeting of the ETA, Milan 9-12 September 2023
44. “Prophylactic bilateral central neck dissection does not improve the short term response to surgery and radioiodine ablation in differentiated thyroid cancer”. Piccinini Francesca, Madeo Bruno, Zirilli Lucia, Zanni Eleonora, Sueri Roberta, Loiacono Simona, Rochira Vincenzo, Simoni Manuela, Brigante Giulia. 45th Annual meeting of the ETA, Milan 9-12 September 2023
45. “Subacute thyroiditis in the SARS-Cov-2 era: a multicenter prospective study”. Roberta Sueri, Sara De Vincentis, Simona Loiacono, Eleonora Zanni, Maria Laura Monzani, Daniele Santi, Iliana Muller, Francesco Di Marco, Erica Crivicich, Uberto Pagotto, Carolina Cecchetti, Lorenzo Tucci, Manuela Simoni, Giulia Brigante. 26th European congress of Endocrinology, ECE. Stockholm, May 2024
46. “ATA Risk Score Predicts Treatment Response in Papillary Thyroid Microcarcinoma: an ITCO Multicenter Prospective Study”. G. Brigante, S. De Leo, S. D’Elia, S. Censi, B. Madeo, S. Morelli, A. Nervo, A. Repaci, C. Sparano, I. Stramazzo, C. Virili, C. Durante, S. Filetti, G. Grani. International Thyroid Congress, Rio de Janeiro, Brazil, 18-22 June 2025

## **PROCEEDINGS OF NATIONAL MEETINGS**

1. “Deficit di GH in pazienti affetti da lipodistrofia HIV-correlata: dati preliminari sugli effetti del trattamento con r-hGH sulla composizione corporea”. Diazi C, Brigante G, Orlando G, Squillaci N, Guaraldi G, Carani C, Rochira V, Simoni M, Zirilli L. 4° Incontro Italiano sulle Malattie Ipotalamo-Ipofisarie, Ferrara, Italia, 29-31 Gennaio 2009. Abstracts Pag 122, 2009.
2. “Sex steroids and HIV-related osteoporosis in men: low circulating estrogens are associated with impaired bone mineral density (BMD)”. Santi D, Brigante G, Orlando G, Ciccarese M, Diazi C, Guaraldi G, Carani C, Rochira V, Madeo B. IX Congresso della Società Italiana di Andrologia e Medicina della Sessualità, Modena 2010.
3. “Sex steroids and HIV-related osteoporosis in men: low circulating estrogens are associated with impaired bone mineral density (BMD)”. Santi D, Brigante G, Orlando G, Ciccarese M, Diazi C, Guaraldi G, Carani C,

- Rochira V, Madeo B. 35mo Congresso Nazionale della Società italiana di endocrinologia, Chieti-Pescara 2011.
4. "GH response to GHRH plus arginine in lipodystrophic patients with human immunodeficiency virus: gender differences". Giulia Brigante, Chiara Diazzi, Giovanni Guaraldi, and Vincenzo Rochira. 18° simposio annuale ELAS-Italia Ligand assay 2012, Bologna 2012.
  5. "Effects of gender and body composition on GH response to GHRH plus arginine (GHRH+arg) in HIV-lipodystrophic patients: higher rate of GH deficiency in men". Brigante G, Diazzi C, Ferrannini G, Ansaloni A, Zirilli L, Guaraldi G and Rochira V. 36mo Congresso Nazionale della Società italiana di endocrinologia, Padova 2013.
  6. "Effects of treatment for acromegaly on bone mineral density (BMD): is pegvisomant protective on lumbar BMD?". Brigante G, Santi D, Diazzi C, De Vincentis S, Ferrannini G, Madeo B, Simoni M, Rochira V, Carani C. 36mo Congresso Nazionale della Società italiana di endocrinologia, Padova 2013.
  7. "TSH-deficiency is associated with a lower thyroid gland volume in hypopituitary patients compared to healthy volunteers: a cross-sectional study". Santi D, Brigante G, Gnarini V, Madeo B, De Vincentis S, Carani C, Faustini-Fustini M, Balestrieri A, Rochira V. 36mo Congresso Nazionale della Società italiana di endocrinologia, Padova 2013.
  8. "GH Deficiency in HIV-infected patients compared to hypopituitary patients". Diazzi C, Brigante G, Ferrannini G, Guaraldi G, Ansaloni A, Simoni M, Rochira V. 37° Congresso Nazionale della Società Italiana di Endocrinologia-XXXI Giornate Endocrinologiche, Pisa 2014.
  9. "BRAF V600E mutation in washing liquid of thyroid fine needle aspiration: a surprising tool in cytological benign nodules". Monzani ML, Brigante G, Marino M, Bonacini L, Pignatti E, Cioni K, Madeo B, Rochira V, Santi D, Maiorana A, Carani C, Simoni M. 37° Congresso Nazionale della Società Italiana di Endocrinologia-XXXI Giornate Endocrinologiche, Pisa 2014.
  10. "Thyroid volume in adult beta-thalassemic patients is smaller than in controls". Ansaloni A, Diazzi C, Santi D, Brigante G, Ferrara F, Pietrangelo A, Rochira V. 37° Congresso Nazionale della Società Italiana di Endocrinologia-XXXI Giornate Endocrinologiche, Pisa 2014.
  11. "Gonadal and Sexual Function in Young/Middle Aged Human immunodeficiency virus (HIV)-Infected Men: Preliminary Data". Santi D, Brigante G, Diazzi C, De Vincentis S, Zona S, Guaraldi G, Simoni M, Rochira

- V. 37° Congresso Nazionale della Società Italiana di Endocrinologia-XXXI Giornate Endocrinologiche, Pisa 2014.
12. "Relationship between testosterone and HIV-related comorbidities: secondary hypogonadism is associated with a poor health status in HIV-infected men". Rochira V, Diazzi C, Brigante G, Santi D, De Caroli MC, De Vincentis S, Simoni M, Carani C, Guaraldi G. XI Congresso Nazionale Società Italiana di Andrologia e Medicina della Sessualità, Cagliari 2014.
  13. "Biological activity of novel thyroid hormone analogues: role of Na<sup>+</sup> taurocholate cotransporting polypeptide in liver selectivity". Brigante, Carlsson B, Koch E, Kersseboom S, Peeters RP, Visser TJ. 38° Congresso Nazionale della Società Italiana di Endocrinologia, Taormina 2015.
  14. "Effects of probiotics assumption on serum thyroid hormone and TSH levels in hypothyroid patients on levothyroxine treatment". G. Spaggiari, G. Brigante, S. De Vincentis, U. Cattini, L. Roli, M. C. De Santis, E. Baraldi, S. Tagliavini, M. Varani, T. Trenti, V. Rochira, M. Simoni, D. Santi. 39° Congresso Nazionale della Società Italiana di Endocrinologia, Roma 2017.
  15. "Classification of thyroid nodules by ultrasound in clinical practice: the added value of the judgment of the skilled endocrinologist". Madeo Bruno, Brigante Giulia, Ansaloni Anna, Taliani Erica, Shaniko Kaleci, Monzani Maria Laura, Simoni Manuela, Rochira Vincenzo. 40° Congresso Nazionale della Società Italiana di Endocrinologia, Roma 2019.
  16. "Ultrasound Changes Of Healthy Thyroides Over Six Years In Adults". Brigante Giulia, Monzani Maria Laura, Locaso Michela, Gnarini Valentina Luisa, Graziadei Luigi, Shaniko Kaleci, De Santis Maria Cristina, Tagliavini Simonetta, Simoni Manuela, Rochira Vincenzo, Madeo Bruno. 40° Congresso Nazionale della Società Italiana di Endocrinologia, Roma 2019.
  17. "Medullary thyroid carcinoma with a paraganglioma-like pattern: a case report". Greco C, Brigante G, Taliani E, Corrado S, Madeo B. 40° Congresso Nazionale della Società Italiana di Endocrinologia, Roma 2019.
  18. "The masked medullary thyroid carcinoma: an unusual ultrasonographic appearance". Locaso M, Spaggiari G, Corrado S, Mattioli F, Brigante G. 40° Congresso Nazionale della Società Italiana di Endocrinologia, Roma 2019.
  19. "Variazioni della qualità della vita e della risposta tissutale agli ormoni tiroidei in pazienti trattati per carcinoma tiroideo". Maria Laura Monzani, Sara De Vincentis, Francesca Della Casa Venturelli, Francesca Piccinini, Gianluca Margiotta, Simonetta Tagliavini, Maria Cristina De Santis, Robin P Peeters, Manuela

- Simoni, Giulia Brigante. 13<sup>a</sup> Edizione del Congresso Nazionale dell'Associazione Italiana della Tiroide, Genova 2019.
20. "SARS-CoV2 e coma iperglicemico iperosmolare: esordio di diabete mellito di tipo 2 (DMT2)". Loiacono S, Corleto R, Rossi B, Romeo M, Andreone P, Simoni M, Rochira V, Brigante G, Bonati M, Pacchioni C. 28° CONGRESSO NAZIONALE SID, December 2 -5 2020
21. "RETROSPECTIVE OBSERVATIONAL STUDY OF ITALIAN PATIENTS WITH DIABETES MELLITUS IN COVID-19 ERA: A BIG DATA APPROACH". C. Greco, T. Pirotti, G. Brigante, C. Pacchioni, T. Trenti, M. Simoni, D. Santi. 41° Congresso Nazionale SIE. Roma, 14-17 July 2021.
22. "EFFECT OF THE GLUCAGON-LIKE PEPTIDE-1 RECEPTOR (GLP-1R) AGONISTS ON AUTONOMIC FUNCTION IN SUBJECTS WITH DIABETES: A SYSTEMATIC REVIEW AND META-ANALYSIS". C. Greco, G. Brigante, C. Pacchioni, M. Simoni, D. Santi. 41° Congresso Nazionale SIE. Roma, 14-17 July 2021.
23. "Prophylactic bilateral central neck dissection does not improve the short term response to surgery and radioiodine ablation in differentiated thyroid cancer". Piccinini Francesca, Madeo Bruno, Zirilli Lucia, Zanni Eleonora, Sueri Roberta, Loiacono Simona, Rochira Vincenzo, Simoni Manuela, Brigante Giulia. 42° Congresso Nazionale SIE. Roma, 28 June-1 July 2023.
24. "Bone health in women with hereditary breast and ovarian cancer syndrome (HBOC syndrome): effect of prophylactic bilateral salpingo-oophorectomy and hormone replacement therapy" Roberta Sueri, Angela Toss, Giovanni Grandi, Claudia Piombino, Marta Venturelli, Rebecca Lippi Bruni, Riccardo Cuoghi Costantini, Giulia Brigante, Sara De Vincentis. 43° Congresso Nazionale SIE. Torino, 11-14 June 2025.
25. "Pediatric thyroid cancer: a retrospective cohort in a tertiary academic center". Gloria Agrimonti, Bruno Madeo, Lucia Zirilli, Victoria Putina, Vincenzo Rochira, Manuela Simoni, Giulia Brigante. 43° Congresso Nazionale SIE. Torino, 11-14 June 2025.

## **EDITORIAL/REVIEWER ACTIVITY**

### **Editorial board member:**

- Journal of Clinical Endocrinology & Metabolic Disorders (from April 2017)
- Journal of Clinical Endocrinology and Diabetes (from April 2018)
- Metabolites (from August 2020)

- Frontiers in Endocrinology - specialty section Thyroid Endocrinology (from March 2021)
- Metabolism and Target Organ Damage (from April 2021)
- L'Endocrinologo (from 2023)

**Reviewer for international journals:**

- 1000research
- BioMed Research International
- Cancers
- Diagnostics
- Endocrine connections
- Endocrinology, Diabetes and Metabolism case reports
- European Journal of Endocrinology
- Exploration of Medicine
- Frontiers
- Gonadal surgery
- International Journal of Endocrinology
- Journal of Clinical Endocrinology and Diabetes
- Journal of Clinical Endocrinology and Metabolic disorders
- Journal of Clinical Endocrinology and Metabolism
- Journal of endocrinological investigation
- Journal of international medical research
- Medicina
- Medicinal research reviews
- Molecular and cellular probes
- Trends in Endocrinology and Metabolism

**Medical writer for Journal Based Learning for Endocrine Connections journal (from September 2016)**

**Remote reviewer for Slovenian Research Agency (from December 2018)**

**AFFILIATION TO SCIENTIFIC SOCIETIES**

Member of the European Society of Endocrinology (ESE) from 2011

Member of the Italian Society of Endocrinology (SIE) from 2012

Member of the European Thyroid Association (ETA) from 2014

Member of the Endocrine Society from 2019 to 2021

Member of the Associazione Italiana della Tiroide (AIT) from 2019

Modena, February 19th 2026