

## **Publicazioni**

1: Molinaro A, Orlandi P, Niccolai F, Agretti P, De Marco G, Ferrarini E, Di Cosmo C, Vitti P, Piaggi P, Di Desidero T, Bocci G, Tonacchera M. Genetic interaction analysis of VEGF-A rs3025039 and VEGFR-2 rs2071559 identifies a genetic profile at higher risk to develop nodular goiter. *J Endocrinol Invest.* 2019 Aug 2. doi: 10.1007/s40618-019-01092-9. [Epub ahead of print] PubMed PMID:31376092.

2: Premoli P, Tanda ML, Piantanida E, Veronesi G, Gallo D, Masiello E, Rosetti S, Cusini C, Boi F, Bulla J, Rodia R, Mariotti S, Capelli V, Rotondi M, Magri F, Chiovato L, Rocchi R, Campopiano MC, Elisei R, Vitti P, Barbato F, Pilli T, Castagna MG, Pacini F, Bartalena L. Features and outcome of differentiated thyroid carcinoma associated with Graves' disease: results of a large, retrospective, multicenter study. *J Endocrinol Invest.* 2019 Jul 20. doi: 10.1007/s40618-019-01088-5. [Epub ahead of print] PubMed PMID: 31327128.

3: Agate L, Bianchi F, Brozzi F, Santini P, Molinaro E, Bottici V, Viola D, Lorusso L, Vitti P, Elisei R. Less than 2% of the Low- and Intermediate-Risk Differentiated Thyroid Cancers Show Distant Metastases at Post-Ablation Whole-Body Scan. *Eur Thyroid J.* 2019 Apr;8(2):90-95. doi: 10.1159/000494290. Epub 2018 Dec 13. PubMed PMID: 31192148; PubMed Central PMCID: PMC6514496.

4: Caprio M, Infante M, Moriconi E, Armani A, Fabbri A, Mantovani G, Mariani S, Lubrano C, Poggiogalle E, Migliaccio S, Donini LM, Basciani S, Cignarelli A, Conte E, Ceccarini G, Bogazzi F, Cimino L, Condorelli RA, La Vignera S, Calogero AE, Gambineri A, Vignozzi L, Prodam F, Aimaretti G, Linsalata G, Buralli S, Monzani F, Aversa A, Vettor R, Santini F, Vitti P, Gnessi L, Pagotto U, Giorgino F, Colao A, Lenzi A; Cardiovascular Endocrinology Club of the Italian Society of Endocrinology. Very-low-calorie ketogenic diet (VLCKD) in the management of metabolic diseases: systematic review and consensus statement from the Italian Society of Endocrinology (SIE). *J Endocrinol Invest.* 2019 May 20. doi: 10.1007/s40618-019-01061-2. [Epub ahead of print] PubMed PMID: 31111407.

5: Bianchi L, Campi B, Sessa MR, De Marco G, Ferrarini E, Zucchi R, Marcocci C, Vitti P, Manetti L, Saba A, Agretti P. Measurement of urinary free cortisol by LC-MS-MS: adoption of a literature reference range and comparison with our current immunometric method. *J Endocrinol Invest.* 2019 Apr 22. doi: 10.1007/s40618-019-01050-5. [Epub ahead of print] PubMed PMID: 31012054.

6: Poma AM, Condello V, Denaro M, Torregrossa L, Elisei R, Vitti P, Basolo F. DICER1 somatic mutations strongly impair miRNA processing even in benign thyroid lesions. *Oncotarget.* 2019 Mar 5;10(19):1785-1797. doi:

10.18632/oncotarget.26639. eCollection 2019 Mar 5. PubMed PMID: 30956758; PubMed Central PMCID: PMC6442996.

7: de Gennaro G, Vitti P, Marinò M. A Case of Oculocutaneous Albinism in a Patient with Hashimoto's Thyroiditis. *Eur Thyroid J*. 2019 Jan;8(1):56-58. doi: 10.1159/000493730. Epub 2018 Oct 16. PubMed PMID: 30800642; PubMed Central PMCID:PMC6381916.

8: Cervelli R, Mazzeo S, Boni G, Boccuzzi A, Bianchi F, Brozzi F, Santini P, Vitti P, Cioni R, Caramella D. Comparison between radioiodine therapy and single-session radiofrequency ablation of autonomously functioning thyroid nodules: A retrospective study. *Clin Endocrinol (Oxf)*. 2019 Apr;90(4):608-616. doi: 10.1111/cen.13938. Epub 2019 Feb 7. PubMed PMID: 30657603.

9: Viola D, Agate L, Molinaro E, Bottici V, Lorusso L, Latrofa F, Torregrossa L, Boldrini L, Ramone T, Vitti P, Elisei R. Lung Recurrence of Papillary Thyroid Cancer Diagnosed With Antithyroglobulin Antibodies After 10 Years From Initial Treatment. *Front Endocrinol (Lausanne)*. 2018 Oct 9;9:590. doi: 10.3389/fendo.2018.00590. eCollection 2018. PubMed PMID: 30356857; PubMed Central PMCID: PMC6190843.

10: Rago T, Cantisani V, Ianni F, Chiovato L, Garberoglio R, Durante C, Frasoldati A, Spiezia S, Farina R, Vallone G, Pontecorvi A, Vitti P. Thyroid ultrasonography reporting: consensus of Italian Thyroid Association (AIT), Italian Society of Endocrinology (SIE), Italian Society of Ultrasonography in Medicine and Biology (SIUMB) and Ultrasound Chapter of Italian Society of Medical Radiology (SIRM). *J Endocrinol Invest*. 2018 Dec;41(12):1435-1443. doi: 10.1007/s40618-018-0935-8. Epub 2018 Oct 16. PubMed PMID: 30327945.

11: Condello V, Torregrossa L, Sartori C, Denaro M, Poma AM, Piaggi P, Valerio L, Materazzi G, Elisei R, Vitti P, Basolo F. mRNA and miRNA expression profiling of follicular variant of papillary thyroid carcinoma with and without distant metastases. *Mol Cell Endocrinol*. 2019 Jan 5;479:93-102. doi: 10.1016/j.mce.2018.09.005. Epub 2018 Sep 24. PubMed PMID: 30261209.

12: Rago T, Scutari M, Loiacono V, Tonacchera M, Scuotri G, Romani R, Proietti A, Piaggi P, Elisei R, Basolo F, Latrofa F, Vitti P. Patients with Indeterminate Thyroid Nodules at Cytology and Cancer at Histology Have a More Favorable Outcome Compared with Patients with Suspicious or Malignant Cytology. *Thyroid*. 2018 Oct;28(10):1318-1324. doi: 10.1089/thy.2017.0522. PubMed PMID: 30132418.

13: Marinò M, Rotondo Dottore G, Ionni I, Lanzolla G, Sabini E, Ricci D, Sframeli A, Mazzi B, Menconi F, Latrofa F, Vitti P, Marcocci C, Chiovato L. Serum antibodies against the insulin-like growth factor-1 receptor (IGF-1R) in Graves'

disease and Graves' orbitopathy. *J Endocrinol Invest*. 2019 Apr;42(4):471-480. doi: 10.1007/s40618-018-0943-8. Epub 2018 Aug 21. PubMed PMID: 30132285.

14: Lanzolla G, Sabini E, Profilo MA, Mazzi B, Sframeli A, Rocchi R, Menconi F, Leo M, Nardi M, Vitti P, Marcocci C, Marinò M. Relationship between serum cholesterol and Graves' orbitopathy (GO): a confirmatory study. *J Endocrinol Invest*. 2018 Dec;41(12):1417-1423. doi: 10.1007/s40618-018-0915-z. Epub 2018 Jun 19. PubMed PMID: 29923059.

15: Matrone A, Latrofa F, Torregrossa L, Piaggi P, Gambale C, Faranda A, Ricci D, Agate L, Molinaro E, Basolo F, Vitti P, Elisei R. Changing Trend of Thyroglobulin Antibodies in Patients With Differentiated Thyroid Cancer Treated With Total Thyroidectomy Without (131)I Ablation. *Thyroid*. 2018 Jul;28(7):871-879. doi: 10.1089/thy.2018.0080. PubMed PMID: 29860933.

16: Romei C, Tacito A, Molinaro E, Piaggi P, Cappagli V, Pieruzzi L, Matrone A, Viola D, Agate L, Torregrossa L, Ugolini C, Basolo F, De Napoli L, Curcio M, Ciampi R, Materazzi G, Vitti P, Elisei R. Clinical, pathological and genetic features of anaplastic and poorly differentiated thyroid cancer: A single institute experience. *Oncol Lett*. 2018 Jun;15(6):9174-9182. doi: 10.3892/ol.2018.8470. Epub 2018 Apr 12. PubMed PMID: 29805648; PubMed CentralPMCID: PMC5958691.

17: Pacini F, Basolo F, Bellantone R, Boni G, Cannizzaro MA, De Palma M, Durante C, Elisei R, Fadda G, Frasoldati A, Fugazzola L, Guglielmi R, Lombardi CP, Miccoli P, Papini E, Pellegriti G, Pezzullo L, Pontecorvi A, Salvatori M, Seregini E, Vitti P. Italian consensus on diagnosis and treatment of differentiated thyroid cancer: joint statements of six Italian societies. *J Endocrinol Invest*. 2018 Jul;41(7):849-876. doi: 10.1007/s40618-018-0884-2. Epub 2018 May 4. PubMed PMID: 29729004.

18: Rotondo Dottore G, Torregrossa L, Caturegli P, Ionni I, Sframeli A, Sabini E, Menconi F, Piaggi P, Sellari-Franceschini S, Nardi M, Latrofa F, Vitti P, Marcocci C, Basolo F, Marinò M. Association of T and B Cells Infiltrating Orbital Tissues With Clinical Features of Graves Orbitopathy. *JAMA Ophthalmol*. 2018 Jun 1;136(6):613-619. doi: 10.1001/jamaophthalmol.2018.0806. PubMed PMID: 29710102; PubMed Central PMCID: PMC6583879.

19: Macerola E, Rago T, Proietti A, Basolo F, Vitti P. The mutational analysis in the diagnostic work-up of thyroid nodules: the real impact in a center with large experience in thyroid cytopathology. *J Endocrinol Invest*. 2019 Feb;42(2):157-166. doi: 10.1007/s40618-018-0895-z. Epub 2018 Apr 27. PubMed PMID: 29704233.

20: Mazzeo S, Cervelli R, Elisei R, Tarantini G, Cappelli C, Molinaro E, Galleri

D, De Napoli L, Comite C, Cioni R, Vitti P, Caramella D. mRECIST criteria to assess recurrent thyroid carcinoma treatment response after radiofrequency ablation: a prospective study. *J Endocrinol Invest.* 2018 Dec;41(12):1389-1399. doi: 10.1007/s40618-018-0886-0. Epub 2018 Apr 23. PubMed PMID: 29687416.

21: Barone I, Melani R, Mainardi M, Scabia G, Scali M, Dattilo A, Ceccarini G, Vitti P, Santini F, Maffei L, Pizzorusso T, Maffei M. Fluoxetine Modulates the Activity of Hypothalamic POMC Neurons via mTOR Signaling. *Mol Neurobiol.* 2018Dec;55(12):9267-9279. doi: 10.1007/s12035-018-1052-6. Epub 2018 Apr 16. PubMed PMID: 29663284.

22: Rotondi M, Chiovato L, Pacini F, Bartalena L, Vitti P. Management of Subclinical Hypothyroidism in Pregnancy: A Comment from the Italian Society of Endocrinology and the Italian Thyroid Association to the 2017 American Thyroid Association Guidelines-"The Italian Way". *Thyroid.* 2018 May;28(5):551-555. doi: 10.1089/thy.2017.0424. PubMed PMID: 29644934.

23: Sabini E, Ionni I, Rocchi R, Vitti P, Marcocci C, Marinò M. Occurrence of Graves' Orbitopathy and Graves' Hyperthyroidism after a Trauma to the Eye. *Eur Thyroid J.* 2018 Jan;7(1):51-54. doi: 10.1159/000479629. Epub 2017 Aug 22. PubMed PMID: 29594055; PubMed Central PMCID: PMC5836176.

24: Trimarchi F, Vitti P. Gabriella Morreale de Escobar (1930-2017). *J Endocrinol Invest.* 2018 May;41(5):497. doi: 10.1007/s40618-018-0878-0. Epub 2018 Mar 26. PubMed PMID: 29582343.

25: Romei C, Ciampi R, Casella F, Tacito A, Torregrossa L, Ugolini C, Basolo F, Materazzi G, Vitti P, Elisei R. RET mutation heterogeneity in primary advanced medullary thyroid cancers and their metastases. *Oncotarget.* 2018 Jan 4;9(11):9875-9884. doi: 10.18632/oncotarget.23986. eCollection 2018 Feb 9. PubMed PMID: 29515777; PubMed Central PMCID: PMC5839408.

26: Matrone A, Brancatella A, Marchetti P, Vasile E, Boggi U, Elisei R, Cetani F, Marcocci C, Vitti P, Latrofa F. A patient with MEN1 and end-stage chronic kidney disease due to Alport syndrome: Decision making on the eligibility of transplantation. *Mol Clin Oncol.* 2018 Mar;8(3):449-452. doi: 10.3892/mco.2017.1542. Epub 2017 Dec 29. PubMed PMID: 29468058; PubMed Central PMCID: PMC5791425.

27: Sellari-Franceschini S, Rocchi R, Marinò M, Bajraktari A, Mazzi B, Fiacchini G, Lepri P, Dallan I, Vitti P, Marcocci C. Rehabilitative orbital decompression

for Graves' orbitopathy: results of a randomized clinical trial. *J Endocrinol Invest.* 2018 Sep;41(9):1037-1042. doi: 10.1007/s40618-018-0847-7. Epub 2018 Feb 15. PubMed PMID: 29450866.

28: Latrofa F, Ricci D, Bottai S, Brozzi F, Chiovato L, Piaggi P, Marinò M, Vitti P. Effect of Thyroglobulin Autoantibodies on the Metabolic Clearance of Serum Thyroglobulin. *Thyroid.* 2018 Mar;28(3):288-294. doi: 10.1089/thy.2017.0052. PubMed PMID: 29439614.

29: Insilla AC, Proietti A, Borrelli N, Macerola E, Niccoli C, Vitti P, Miccoli P, Basolo F. TERT promoter mutations and their correlation with BRAF and RAS mutations in a consecutive cohort of 145 thyroid cancer cases. *Oncol Lett.* 2018 Mar;15(3):2763-2770. doi: 10.3892/ol.2017.7675. Epub 2017 Dec 21. PubMed PMID: 29435002; PubMed Central PMCID: PMC5778878.

30: Scabia G, Barone I, Mainardi M, Ceccarini G, Scali M, Buzzigoli E, Dattilo A, Vitti P, Gastaldelli A, Santini F, Pizzorusso T, Maffei L, Maffei M. The antidepressant fluoxetine acts on energy balance and leptin sensitivity via BDNF. *Sci Rep.* 2018 Jan 29;8(1):1781. doi: 10.1038/s41598-018-19886-x. PubMed PMID: 29379096; PubMed Central PMCID: PMC5789051.

31: Sabini E, Mazzi B, Profilo MA, Mautone T, Casini G, Rocchi R, Ionni I, Menconi F, Leo M, Nardi M, Vitti P, Marcocci C, Marinò M. High Serum Cholesterol Is a Novel Risk Factor for Graves' Orbitopathy: Results of a Cross-Sectional Study. *Thyroid.* 2018 Mar;28(3):386-394. doi: 10.1089/thy.2017.0430. Epub 2018 Feb 9. PubMed PMID: 29336220.

32: Poma AM, Giannini R, Piaggi P, Ugolini C, Materazzi G, Miccoli P, Vitti P, Basolo F. A six-gene panel to label follicular adenoma, low- and high-risk follicular thyroid carcinoma. *Endocr Connect.* 2018 Jan;7(1):124-132. doi: 10.1530/EC-17-0261. PubMed PMID: 29298844; PubMed Central PMCID: PMC5754511.

33: Rotondo Dottore G, Ionni I, Menconi F, Casini G, Sellari-Franceschini S, Nardi M, Vitti P, Marcocci C, Marinò M. Antioxidant effects of  $\beta$ -carotene, but

not of retinol and vitamin E, in orbital fibroblasts from patients with Graves' orbitopathy (GO). *J Endocrinol Invest*. 2018 Jul;41(7):815-820. doi: 10.1007/s40618-017-0809-5. Epub 2017 Dec 18. PubMed PMID: 29256181.

34: Sabini E, Leo M, Mazzi B, Rocchi R, Latrofa F, Nardi M, Vitti P, Marcocci C, Marinò M. Does Graves' Orbitopathy Ever Disappear? Answers to an Old Question. *Eur Thyroid J*. 2017 Sep;6(5):263-270. doi: 10.1159/000477803. Epub 2017 Jun 26. PubMed PMID: 29071239; PubMed Central PMCID: PMC5649266.

35: Proietti A, Sartori C, Macerola E, Borrelli N, Materazzi G, Vitti P, Basolo F. Low frequency of TERT promoter mutations in a series of well-differentiated follicular-patterned thyroid neoplasms. *Virchows Arch*. 2017 Dec;471(6):769-773. doi: 10.1007/s00428-017-2236-6. Epub 2017 Oct 3. PubMed PMID: 28975450.

36: Leo M, Sabini E, Ionni I, Sframeli A, Mazzi B, Menconi F, Molinaro E, Bianchi F, Brozzi F, Santini P, Elisei R, Nardi M, Vitti P, Marcocci C, Marinò M. Use of low-dose radioiodine ablation for Graves' orbitopathy: results of a pilot, perspective study in a small series of patients. *J Endocrinol Invest*. 2018 Mar;41(3):357-361. doi: 10.1007/s40618-017-0754-3. Epub 2017 Aug 30. PubMed PMID: 28856610.

37: Denaro M, Ugolini C, Poma AM, Borrelli N, Materazzi G, Piaggi P, Chiarugi M, Miccoli P, Vitti P, Basolo F. Differences in miRNA expression profiles between wild-type and mutated NIFTPs. *Endocr Relat Cancer*. 2017 Oct;24(10):543-553. doi: 10.1530/ERC-17-0167. PubMed PMID: 28830935.

38: Berger S, Ceccarini G, Scabia G, Barone I, Pelosini C, Ferrari F, Magno S, Dattilo A, Chiovato L, Vitti P, Santini F, Maffei M. Lipodystrophy and obesity are associated with decreased number of T cells with regulatory function and pro-inflammatory macrophage phenotype. *Int J Obes (Lond)*. 2017 Nov;41(11):1676-1684. doi: 10.1038/ijo.2017.163. Epub 2017 Jul 10. PubMed PMID: 28761130.

39: Molinaro E, Romei C, Biagini A, Sabini E, Agate L, Mazzeo S, Materazzi G, Sellari-Franceschini S, Ribechini A, Torregrossa L, Basolo F, Vitti P, Elisei R. Anaplastic thyroid carcinoma: from clinicopathology to genetics and advanced

therapies. *Nat Rev Endocrinol*. 2017 Nov;13(11):644-660. doi: 10.1038/nrendo.2017.76. Epub 2017 Jul 14. Review. PubMed PMID: 28707679.

40: Giannini R, Ugolini C, Poma AM, Urpì M, Niccoli C, Elisei R, Chiarugi M, Vitti P, Miccoli P, Basolo F. Identification of Two Distinct Molecular Subtypes of Non-Invasive Follicular Neoplasm with Papillary-Like Nuclear Features by Digital RNA Counting. *Thyroid*. 2017 Oct;27(10):1267-1276. doi: 10.1089/thy.2016.0605. Epub 2017 Sep 5. PubMed PMID: 28679352.

41: Rotondo Dottore G, Ionni I, Menconi F, Casini G, Sellari-Franceschini S, Nardi M, Vitti P, Marcocci C, Marinò M. Action of three bioavailable antioxidants in orbital fibroblasts from patients with Graves' orbitopathy (GO): a new frontier for GO treatment? *J Endocrinol Invest*. 2018 Feb;41(2):193-201. doi: 10.1007/s40618-017-0718-7. Epub 2017 Jun 27. PubMed PMID: 28656526.

42: Marinò M, Marcocci C, Vitti P, Chiovato L, Bartalena L. Selenium in the Treatment of Thyroid Diseases. *Eur Thyroid J*. 2017 Apr;6(2):113-114. doi: 10.1159/000456660. Epub 2017 Mar 1. PubMed PMID: 28589094; PubMed Central PMCID: PMC5422754.

43: Botta R, Lisi S, Rotondo Dottore G, Vitti P, Marinò M. Binding of thyroglobulin (Tg) to the low-density lipoprotein receptor-associated protein (RAP) during the biosynthetic pathway prevents premature Tg interactions with sortilin. *J Endocrinol Invest*. 2017 Sep;40(9):991-997. doi: 10.1007/s40618-017-0668-0. Epub 2017 Apr 5. PubMed PMID: 28382504.

44: Rotondo Dottore G, Chiarini R, De Gregorio M, Leo M, Casini G, Cestari L, Sellari-Franceschini S, Nardi M, Vitti P, Marcocci C, Marinò M. Erratum to: Selenium rescues orbital fibroblasts from cell death induced by hydrogen peroxide: another molecular basis for the effects of selenium in graves' orbitopathy. *Endocrine*. 2017 Nov;58(2):390. doi: 10.1007/s12020-017-1255-z. PubMed PMID: 28190240.

45: Macerola E, Torregrossa L, Ugolini C, Bakkar S, Vitti P, Fadda G, Basolo F. BRAF(K601E) Mutation in a Follicular Thyroid Adenoma: A Case Report. *Int J Surg Pathol*. 2017 Jun;25(4):348-351. doi: 10.1177/1066896916688083. Epub 2017 Jan 23.

PubMed PMID: 28112041.

46: Rotondo Dottore G, Chiarini R, De Gregorio M, Leo M, Casini G, Cestari L, Sellari-Franceschini S, Nardi M, Vitti P, Marcocci C, Marinò M. Selenium rescues orbital fibroblasts from cell death induced by hydrogen peroxide: another molecular basis for the effects of selenium in graves' orbitopathy. *Endocrine*. 2017 Nov;58(2):386-389. doi: 10.1007/s12020-016-1226-9. Epub 2017 Jan 17. Erratum in: *Endocrine*. 2017 Feb 11;:. PubMed PMID: 28097622.

47: Olivieri A, DI Cosmo C, DE Angelis S, DA Cas R, Stacchini P, Pastorelli A, Vitti P; Regional Observatories for Goiter Prevention. The way forward in Italy for iodine. *Minerva Med*. 2017 Apr;108(2):159-168. doi: 10.23736/S0026-4806.17.04877-7. Epub 2017 Jan 12. Review. PubMed PMID: 28079352.

48: Medda E, Santini F, De Angelis S, Franzellin F, Fiumalbi C, Perico A, Gilardi E, Mechi MT, Marsili A, Citroni A, Leandri A, Mantovani A, Vitti P, Olivieri A. Iodine nutritional status and thyroid effects of exposure to ethylenebisdithiocarbamates. *Environ Res*. 2017 Apr;154:152-159. doi: 10.1016/j.envres.2016.12.019. Epub 2017 Jan 7. PubMed PMID: 28073049.

49: Leo M, Maggi F, Dottore GR, Casini G, Mazzetti P, Pistello M, Sellari-Franceschini S, Nardi M, Vitti P, Marcocci C, Marinò M. Graves' orbitopathy, idiopathic orbital inflammatory pseudotumor and Epstein-Barr virus infection: a serological and molecular study. *J Endocrinol Invest*. 2017 May;40(5):499-503. doi: 10.1007/s40618-016-0587-5. Epub 2016 Dec 16. PubMed PMID: 27987077.

50: Matrone A, Gambale C, Piaggi P, Viola D, Giani C, Agate L, Bottici V, Bianchi F, Materazzi G, Vitti P, Molinaro E, Elisei R. Postoperative Thyroglobulin and Neck Ultrasound in the Risk Restratification and Decision to Perform 131I Ablation. *J Clin Endocrinol Metab*. 2017 Mar 1;102(3):893-902. doi: 10.1210/jc.2016-2860. PubMed PMID: 27929713.

51: Rotondo Dottore G, Leo M, Casini G, Latrofa F, Cestari L, Sellari-Franceschini S, Nardi M, Vitti P, Marcocci C, Marinò M. Antioxidant

Actions of Selenium in Orbital Fibroblasts: A Basis for the Effects of Selenium in Graves' Orbitopathy. *Thyroid*. 2017 Feb;27(2):271-278. doi: 10.1089/thy.2016.0397. Epub 2016 Dec 16. PubMed PMID: 27824294.

52: Rago T, Scutari M, Loiacono V, Santini F, Tonacchera M, Torregrossa L, Giannini R, Borrelli N, Proietti A, Basolo F, Miccoli P, Piaggi P, Latrofa F, Vitti P. Low Elasticity of Thyroid Nodules on Ultrasound Elastography Is Correlated with Malignancy, Degree of Fibrosis, and High Expression of Galectin-3 and Fibronectin-1. *Thyroid*. 2017 Jan;27(1):103-110. doi: 10.1089/thy.2016.0341. Epub 2016 Dec 21. PubMed PMID: 27809694.

53: Sabini E, Sisti E, Coco B, Leo M, Ionni I, Menconi F, Profilo MA, Mazzi B, Rocchi R, Latrofa F, Vitti P, Brunetto M, Marcocci C, Marinò M. Statins are not a risk factor for liver damage associated with intravenous glucocorticoid pulse therapy for Graves' orbitopathy. *J Endocrinol Invest*. 2016 Nov;39(11):1323-1327. Epub 2016 Jul 27. PubMed PMID: 27465669.

54: Agretti P, Bagattini B, De Marco G, Di Cosmo C, Dionigi G, Vitti P, Tonacchera M. Papillary thyroid cancer in a patient with congenital goitrous hypothyroidism due to a novel deletion in NIS gene. *Endocrine*. 2016 Oct;54(1):256-258. Epub 2015 Nov 13. PubMed PMID: 26563437.

55: Ugolini C, Borrelli N, Niccoli C, Elisei R, Viola D, Vitti P, Miccoli P, Basolo F. Role of YAP-1 in Thyroid Tumor Progression and Outcome. *Appl Immunohistochem Mol Morphol*. 2017 Sep;25(8):581-585. doi: 10.1097/PAI.0000000000000344. PubMed PMID: 27753655.

56: Leo M, Bartalena L, Rotondo Dottore G, Piantanida E, Premoli P, Ionni I, Di Cera M, Masiello E, Sassi L, Tanda ML, Latrofa F, Vitti P, Marcocci C, Marinò M. Effects of selenium on short-term control of hyperthyroidism due to Graves' disease treated with methimazole: results of a randomized clinical trial. *J Endocrinol Invest*. 2017 Mar;40(3):281-287. doi: 10.1007/s40618-016-0559-9. Epub 2016 Oct 12. PubMed PMID: 27734319.

57: Leo M, Mautone T, Ionni I, Profilo MA, Sabini E, Menconi F, Mazzi B, Rocchi R, Latrofa F, Nardi M, Vitti P, Marcocci C, Marinò M. VARIABLES AFFECTING THE

LONG-TERM OUTCOME OF GRAVES ORBITOPATHY FOLLOWING HIGH-DOSE INTRAVENOUS GLUCOCORTICOID PULSE THERAPY IN PATIENTS NOT TREATED WITH ORBITAL RADIOTHERAPY.

Endocr Pract. 2016 Oct;22(10):1177-1186. PubMed PMID: 27732097.

58: Menconi F, Leo M, Sabini E, Mautone T, Nardi M, Sainato A, Sellari-Franceschini S, Vitti P, Marcocci C, Marinò M. Natural history of graves' orbitopathy after treatment. *Endocrine*. 2017 Aug;57(2):226-233. doi: 10.1007/s12020-016-1136-x. Epub 2016 Oct 5. PubMed PMID: 27709471.

59: Reiners C, Schneider R, Akashi M, Akl EA, Jourdain JR, Li C, Murith C, Van Bladel L, Yamashita S, Zeeb H, Vitti P, Carr Z. The First Meeting of the WHO Guideline Development Group for the Revision of the WHO 1999 Guidelines for Iodine Thyroid Blocking. *Radiat Prot Dosimetry*. 2016 Sep;171(1):47-56. doi: 10.1093/rpd/ncw238. PubMed PMID: 27664997.

60: Borrelli N, Denaro M, Ugolini C, Poma AM, Miccoli M, Vitti P, Miccoli P, Basolo F. miRNA expression profiling of 'noninvasive follicular thyroid neoplasms with papillary-like nuclear features' compared with adenomas and infiltrative follicular variants of papillary thyroid carcinomas. *Mod Pathol*. 2017 Jan;30(1):39-51. doi: 10.1038/modpathol.2016.157. Epub 2016 Sep 2. PubMed PMID: 27586203.

61: De Luca L, Leonardi S, Smecca IM, Formigli D, Lucci D, Gonzini L, Tuccillo B, Olivari Z, Gulizia MM, Bovenzi FM, De Servi S; EYESHOT Investigators. Contemporary antithrombotic strategies in patients with acute coronary syndromes managed without revascularization: insights from the EYESHOT study. *Eur Heart J Cardiovasc Pharmacother*. 2015 Jul;1(3):168-78. doi: 10.1093/ehjcvp/pvv006. Epub 2015 Feb 24. PubMed PMID: 27533991.

62: Biondi B, Bartalena L, Chiovato L, Lenzi A, Mariotti S, Pacini F, Pontecorvi A, Vitti P, Trimarchi F. Recommendations for treatment of hypothyroidism with levothyroxine and levotriiodothyronine: a 2016 position statement of the Italian Society of Endocrinology and the Italian Thyroid Association. *J Endocrinol Invest*. 2016 Dec;39(12):1465-1474. Epub 2016 Jul 29. PubMed PMID: 27473077.

63: Romei C, Casella F, Tacito A, Bottici V, Valerio L, Viola D, Cappagli V, Matrone A, Ciampi R, Piaggi P, Ugolini C, Torregrossa L, Basolo F, Materazzi G, Vitti P, Elisei R. New insights in the molecular signature of advanced medullary thyroid cancer: evidence of a bad outcome of cases with double RET mutations. *J Med Genet.* 2016 Nov;53(11):729-734. doi: 10.1136/jmedgenet-2016-103833. Epub 2016 Jul 28. PubMed PMID: 27468888.

64: Bartalena L, Masiello E, Magri F, Veronesi G, Bianconi E, Zerbini F, Gaiti M, Spreafico E, Gallo D, Premoli P, Piantanida E, Tanda ML, Ferrario M, Vitti P, Chiovato L. The phenotype of newly diagnosed Graves' disease in Italy in recent years is milder than in the past: results of a large observational longitudinal study. *J Endocrinol Invest.* 2016 Dec;39(12):1445-1451. Epub 2016 Jul 27. PubMed PMID: 27465670.

65: Bartalena L, Chiovato L, Vitti P. Management of hyperthyroidism due to Graves' disease: frequently asked questions and answers (if any). *J Endocrinol Invest.* 2016 Oct;39(10):1105-14. doi: 10.1007/s40618-016-0505-x. Epub 2016 Jun 18. Review. PubMed PMID: 27319009.

66: Viola D, Valerio L, Molinaro E, Agate L, Bottici V, Biagini A, Lorusso L, Cappagli V, Pieruzzi L, Giani C, Sabini E, Passannati P, Puleo L, Matrone A, Pontillo-Contillo B, Battaglia V, Mazzeo S, Vitti P, Elisei R. Treatment of advanced thyroid cancer with targeted therapies: ten years of experience. *Endocr Relat Cancer.* 2016 Apr;23(4):R185-205. doi: 10.1530/ERC-15-0555. Review. PubMed PMID: 27207700.

67: Ciregia F, Giusti L, Molinaro A, Niccolai F, Mazzoni MR, Rago T, Tonacchera M, Vitti P, Giannaccini G, Lucacchini A. Proteomic analysis of fine-needle aspiration in differential diagnosis of thyroid nodules. *Transl Res.* 2016 Oct;176:81-94. doi: 10.1016/j.trsl.2016.04.004. Epub 2016 Apr 20. PubMed PMID: 27172385.

68: Gharib H, Papini E, Garber JR, Duick DS, Harrell RM, Hegedüs L, Paschke R, Valcavi R, Vitti P; AACE/ACE/AME Task Force on Thyroid Nodules. AMERICAN ASSOCIATION OF CLINICAL ENDOCRINOLOGISTS, AMERICAN COLLEGE OF ENDOCRINOLOGY, AND

ASSOCIAZIONE MEDICI ENDOCRINOLOGI MEDICAL GUIDELINES FOR CLINICAL PRACTICE FOR THE DIAGNOSIS AND MANAGEMENT OF THYROID NODULES--2016 UPDATE. *Endocr Pract.* 2016 May;22(5):622-39. doi: 10.4158/EP161208.GL. PubMed PMID: 27167915.

69: Lisi S, Botta R, Rotondo Dottore G, Leo M, Latrofa F, Vitti P, Marinò M. Intracellular retention of thyroglobulin in the absence of the low-density lipoprotein receptor-associated protein (RAP) is likely due to premature binding to megalin in the biosynthetic pathway. *J Endocrinol Invest.* 2016 Sep;39(9):1039-44. doi: 10.1007/s40618-016-0464-2. Epub 2016 Apr 19. PubMed PMID: 27094046.

70: Provenzale MA, Fiore E, Ugolini C, Torregrossa L, Morganti R, Molinaro E, Miccoli P, Basolo F, Vitti P. 'Incidental' and 'non-incidental' thyroid papillary microcarcinomas are two different entities. *Eur J Endocrinol.* 2016 Jun;174(6):813-20. doi: 10.1530/EJE-15-1223. Epub 2016 Mar 31. PubMed PMID: 27032694.

71: Latrofa F, Ricci D, Sisti E, Piaggi P, Nencetti C, Marinò M, Vitti P. Significance of Low Levels of Thyroglobulin Autoantibodies Associated with Undetectable Thyroglobulin After Thyroidectomy for Differentiated Thyroid Carcinoma. *Thyroid.* 2016 Jun;26(6):798-806. doi: 10.1089/thy.2015.0621. Epub 2016 Apr 26. PubMed PMID: 27020734.

72: Fierabracci P, Martinelli S, Tamberi A, Piaggi P, Basolo A, Pelosini C, Ricco I, Magno S, Querci G, Ceccarini G, Scartabelli G, Salvetti G, Vitti P, Santini F. Weight Loss and Variation of Levothyroxine Requirements in Hypothyroid Obese Patients After Bariatric Surgery. *Thyroid.* 2016 Apr;26(4):499-503. doi: 10.1089/thy.2015.0473. Epub 2016 Mar 16. PubMed PMID: 26895690.

73: Völzke H, Caron P, Dahl L, de Castro JJ, Erlund I, Gabersček S, Gunnarsdottir I, Hubalewska-Dydejczyk A, Ittermann T, Ivanova L, Karanfilski B, Khattak RM, Kusić Z, Laurberg P, Lazarus JH, Markou KB, Moreno-Reyes R, Nagy EV, Peeters RP, Pīrāgs V, Podoba J, Rayman MP, Rochau U, Siebert U, Smyth PP, Thuesen BH, Troen

A, Vila L, Vitti P, Zamrazil V, Zimmermann MB. Ensuring Effective Prevention of Iodine Deficiency Disorders. *Thyroid*. 2016 Feb;26(2):189-96. doi: 10.1089/thy.2015.0543. Epub 2016 Jan 25. Erratum in: *Thyroid*. 2016 Aug;26(8):1148. PubMed PMID: 26700864.

74: Garberoglio R, Aliberti C, Appetecchia M, Attard M, Boccuzzi G, Boraso F, Borretta G, Caruso G, Deandrea M, Freddi M, Gallone G, Gandini G, Gasparri G, Gazzera C, Ghigo E, Grosso M, Limone P, Maccario M, Mansi L, Mormile A, Nasi PG, Orlandi F, Pacchioni D, Pacella CM, Palestini N, Papini E, Pelizzo MR, Piotto A, Rago T, Riganti F, Rosato L, Rossetto R, Scarmozzino A, Spiezia S, Testori O, Valcavi R, Veltri A, Vitti P, Zingrillo M. Radiofrequency ablation for thyroid nodules: which indications? The first Italian opinion statement. *J Ultrasound*. 2015 Jun 19;18(4):423-30. doi: 10.1007/s40477-015-0169-y. eCollection 2015 Dec. PubMed PMID: 26550079; PubMed Central PMCID: PMC4630279.

75: Salvetti G, Di Salvo C, Ceccarini G, Abramo A, Fierabracci P, Magno S, Piaggi P, Vitti P, Santini F. Chronic Renin-Angiotensin System (RAS) Blockade May Not Induce Hypotension During Anaesthesia for Bariatric Surgery. *Obes Surg*. 2016 Jun;26(6):1303-7. doi: 10.1007/s11695-015-1862-9. PubMed PMID: 26328531.

76: Pacella CM, Mauri G, Achille G, Barbaro D, Bizzarri G, De Feo P, Di Stasio E, Esposito R, Gambelungho G, Misischi I, Raggiunti B, Rago T, Patelli GL, D'Este S, Vitti P, Papini E. Outcomes and Risk Factors for Complications of Laser Ablation for Thyroid Nodules: A Multicenter Study on 1531 Patients. *J Clin Endocrinol Metab*. 2015 Oct;100(10):3903-10. doi: 10.1210/jc.2015-1964. Epub 2015 Aug 14. PubMed PMID: 26274342.

77: Lisi S, Madsen P, Botta R, Petersen CM, Nykjær A, Latrofa F, Vitti P, Marinò M. ABSENCE OF A THYROID PHENOTYPE IN SORTILIN-DEFICIENT MICE. *Endocr Pract*. 2015 Sep;21(9):981-5. doi: 10.4158/EP15697.OR. Epub 2015 Jun 29. PubMed PMID: 26121464.

78: Sisti E, Coco B, Menconi F, Leo M, Rocchi R, Latrofa F, Profilo MA, Mazzi B, Vitti P, Marcocci C, Brunetto M, Marinò M. Age and Dose Are Major Risk Factors for Liver Damage Associated with Intravenous Glucocorticoid Pulse Therapy for Graves' Orbitopathy. *Thyroid*. 2015 Jul;25(7):846-50. doi: 10.1089/thy.2015.0061. Epub 2015 Jun 19. PubMed PMID: 26090805.

79: Giannini R, Torregrossa L, Gottardi S, Fregoli L, Borrelli N, Savino M, Macerola E, Vitti P, Miccoli P, Basolo F. Digital gene expression profiling of a series of cytologically indeterminate thyroid nodules. *Cancer Cytopathol.* 2015 Aug;123(8):461-70. doi: 10.1002/cncy.21564. Epub 2015 May 29. PubMed PMID: 26033834.

80: Fiore E, Latrofa F, Vitti P. Iodine, thyroid autoimmunity and cancer. *Eur Thyroid J.* 2015 Mar;4(1):26-35. doi: 10.1159/000371741. Epub 2015 Mar 3. PubMed PMID: 25960959; PubMed Central PMCID: PMC4404933.

81: Gianetti E, Russo L, Orlandi F, Chiovato L, Giusti M, Benvenga S, Moleti M, Vermiglio F, Macchia PE, Vitale M, Regalbuto C, Centanni M, Martino E, Vitti P, Tonacchera M. Pregnancy outcome in women treated with methimazole or propylthiouracil during pregnancy. *J Endocrinol Invest.* 2015 Sep;38(9):977-85. doi: 10.1007/s40618-015-0281-z. Epub 2015 Apr 4. PubMed PMID: 25840794.

82: Menconi F, Leo M, Vitti P, Marcocci C, Marinò M. Total thyroid ablation in Graves' orbitopathy. *J Endocrinol Invest.* 2015 Aug;38(8):809-15. doi: 10.1007/s40618-015-0255-1. Epub 2015 Mar 5. Review. PubMed PMID: 25740065.

83: Sisti E, Coco B, Menconi F, Leo M, Rocchi R, Latrofa F, Profilo MA, Mazzi B, Albano E, Vitti P, Marcocci C, Brunetto M, Marinò M. Intravenous glucocorticoid therapy for Graves' ophthalmopathy and acute liver damage: an epidemiological study. *Eur J Endocrinol.* 2015 Mar;172(3):269-76. doi: 10.1530/EJE-14-0712. PubMed PMID: 25661744.

84: Calderone A, Mauri M, Calabrò PF, Piaggi P, Ceccarini G, Lippi C, Fierabracci P, Landi A, Vitti P, Santini F. Exploring the concept of eating dyscontrol in severely obese patients candidate to bariatric surgery. *Clin Obes.* 2015 Feb;5(1):22-30. doi: 10.1111/cob.12080. Epub 2015 Jan 13. PubMed PMID: 25611584.

85: Sisti E, Menconi F, Leo M, Profilo MA, Mautone T, Mazzi B, Rocchi R, Latrofa F, Nardi M, Vitti P, Marcocci C, Marinò M. Long-term outcome of Graves'

orbitopathy following high-dose intravenous glucocorticoids and orbital radiotherapy. *J Endocrinol Invest.* 2015 Jun;38(6):661-8. doi: 10.1007/s40618-015-0241-7. Epub 2015 Jan 18. PubMed PMID: 25596664.

86: Viola D, Materazzi G, Valerio L, Molinaro E, Agate L, Faviana P, Seccia V, Sensi E, Romei C, Piaggi P, Torregrossa L, Sellari-Franceschini S, Basolo F, Vitti P, Elisei R, Miccoli P. Prophylactic central compartment lymph node dissection in papillary thyroid carcinoma: clinical implications derived from the first prospective randomized controlled single institution study. *J Clin Endocrinol Metab.* 2015 Apr;100(4):1316-24. doi: 10.1210/jc.2014-3825. Epub 2015 Jan 15. PubMed PMID: 25590215.

87: Leo M, Menconi F, Rocchi R, Latrofa F, Sisti E, Profilo MA, Mazzi B, Albano E, Nardi M, Vitti P, Marcocci C, Marinò M. Role of the underlying thyroid disease on the phenotype of Graves' orbitopathy in a tertiary referral center. *Thyroid.* 2015 Mar;25(3):347-51. doi: 10.1089/thy.2014.0475. Epub 2015 Feb 11. PubMed PMID: 25584927.

88: Ceccarini G, Maffei M, Vitti P, Santini F. Fuel homeostasis and locomotor behavior: role of leptin and melanocortin pathways. *J Endocrinol Invest.* 2015 Feb;38(2):125-31. doi: 10.1007/s40618-014-0225-z. Epub 2014 Dec 13. Review. PubMed PMID: 25501840.

89: Romei C, Tacito A, Molinaro E, Agate L, Bottici V, Viola D, Matrone A, Biagini A, Casella F, Ciampi R, Materazzi G, Miccoli P, Torregrossa L, Ugolini C, Basolo F, Vitti P, Elisei R. Twenty years of lesson learning: how does the RET genetic screening test impact the clinical management of medullary thyroid cancer? *Clin Endocrinol (Oxf).* 2015 Jun;82(6):892-9. doi: 10.1111/cen.12686. Epub 2014 Dec 29. PubMed PMID: 25440022.

90: Marinò M, Latrofa F, Menconi F, Chiovato L, Vitti P. Role of genetic and non-genetic factors in the etiology of Graves' disease. *J Endocrinol Invest.* 2015 Mar;38(3):283-94. doi: 10.1007/s40618-014-0214-2. Epub 2014 Nov 25. Review. PubMed PMID: 25421156.

91: De Luca L, Leonardi S, Cavallini C, Lucci D, Musumeci G, Caporale R, Abrignani MG, Lupi A, Rakar S, Gulizia MM, Bovenzi FM, De Servi S; EYESHOT

Investigators. Contemporary antithrombotic strategies in patients with acute coronary syndrome admitted to cardiac care units in Italy: The EYESHOT Study. *Eur Heart J Acute Cardiovasc Care*. 2015 Oct;4(5):441-52. doi: 10.1177/2048872614560505. Epub 2014 Nov 20. PubMed PMID: 25414322.

92: Bagattini B, Cosmo CD, Montanelli L, Piaggi P, Ciampi M, Agretti P, Marco GD, Vitti P, Tonacchera M. The different requirement of L-T4 therapy in congenital athyreosis compared with adult-acquired hypothyroidism suggests a persisting thyroid hormone resistance at the hypothalamic-pituitary level. *Eur J Endocrinol*. 2014 Nov;171(5):615-21. doi: 10.1530/EJE-14-0621. PubMed PMID: 25305309.

93: Agretti P, Nicolai F, Rago T, De Marco G, Molinaro A, Scutari M, Di Cosmo C, Di Coscio G, Vitale M, Maccheroni M, Vitti P, Tonacchera M. BRAF mutation analysis in thyroid nodules with indeterminate cytology: our experience on surgical management of patients with thyroid nodules from an area of borderline iodine deficiency. *J Endocrinol Invest*. 2014 Oct;37(10):1009-14. doi: 10.1007/s40618-014-0166-6. Epub 2014 Sep 7. PubMed PMID: 25194426.

94: Marinò M, Latrofa F, Menconi F, Chiovato L, Vitti P. An update on the medical treatment of Graves' hyperthyroidism. *J Endocrinol Invest*. 2014 Nov;37(11):1041-8. doi: 10.1007/s40618-014-0136-z. Epub 2014 Sep 4. Review. PubMed PMID: 25185644.

95: Canale D, Ceccarelli C, Caglieresi C, Moscatelli A, Gavioli S, Santini P, Elisei R, Vitti P. Effects of radioiodine treatment for differentiated thyroid cancer on testis function. *Clin Endocrinol (Oxf)*. 2015 Feb;82(2):295-9. doi: 10.1111/cen.12514. Epub 2014 Aug 20. PubMed PMID: 25138547.

96: Latrofa F, Ricci D, Montanelli L, Piaggi P, Mazzi B, Bianchi F, Brozzi F, Santini P, Fiore E, Marinò M, Tonacchera M, Vitti P. Thyroglobulin autoantibodies switch to immunoglobulin (Ig)G1 and IgG3 subclasses and preserve their restricted epitope pattern after 131I treatment for Graves' hyperthyroidism: the activity of autoimmune disease influences subclass distribution but not epitope pattern of autoantibodies. *Clin Exp Immunol*. 2014 Dec;178(3):438-46. doi: 10.1111/cei.12438. PubMed PMID: 25134846; PubMed Central PMCID: PMC4238871.

97: Pelosini C, Martinelli S, Ceccarini G, Magno S, Barone I, Basolo A,

Fierabracci P, Vitti P, Maffei M, Santini F. Identification of a novel mutation in the polymerase delta 1 (POLD1) gene in a lipodystrophic patient affected by mandibular hypoplasia, deafness, progeroid features (MDPL) syndrome. *Metabolism*. 2014 Nov;63(11):1385-9. doi: 10.1016/j.metabol.2014.07.010. Epub 2014 Jul 25. PubMed PMID: 25131834.

98: Agate L, Bianchi F, Giorgetti A, Sbragia P, Bottici V, Brozzi F, Santini P, Molinaro E, Vitti P, Elisei R, Ceccarelli C. Detection of metastases from differentiated thyroid cancer by different imaging techniques (neck ultrasound, computed tomography and [18F]-FDG positron emission tomography) in patients with negative post-therapeutic <sup>131</sup>I whole-body scan and detectable serum thyroglobulin levels. *J Endocrinol Invest*. 2014 Oct;37(10):967-72. doi: 10.1007/s40618-014-0134-1. Epub 2014 Jul 29. PubMed PMID: 25070043.

99: Papini E, Rago T, Gambelunghe G, Valcavi R, Bizzarri G, Vitti P, De Feo P, Riganti F, Misischi I, Di Stasio E, Pacella CM. Long-term efficacy of ultrasound-guided laser ablation for benign solid thyroid nodules. Results of a three-year multicenter prospective randomized trial. *J Clin Endocrinol Metab*. 2014 Oct;99(10):3653-9. doi: 10.1210/jc.2014-1826. Epub 2014 Jul 22. PubMed PMID: 25050903.

100: Fiore E, Tonacchera M, Vitti P. Influence of iodization programmes on the epidemiology of nodular goitre. *Best Pract Res Clin Endocrinol Metab*. 2014 Aug;28(4):577-88. doi: 10.1016/j.beem.2014.04.002. Epub 2014 May 14. Review. PubMed PMID: 25047207.

101: Rago T, Vitti P. Diagnostic role of ultrasound and elastosonography in nodular goiter. *Best Pract Res Clin Endocrinol Metab*. 2014 Aug;28(4):519-29. doi: 10.1016/j.beem.2014.02.003. Epub 2014 Mar 20. Review. PubMed PMID: 25047203.

102: Bertaggia E, Scabia G, Dalise S, Lo Verso F, Santini F, Vitti P, Chisari C, Sandri M, Maffei M. Haptoglobin is required to prevent oxidative stress and muscle atrophy. *PLoS One*. 2014 Jun 24;9(6):e100745. doi: 10.1371/journal.pone.0100745. eCollection 2014. PubMed PMID: 24959824; PubMed Central PMCID: PMC4069100.

103: Proietti A, Borrelli N, Giannini R, Romani R, Di Coscio G, Quilici F, Rago T, Miccoli P, Vitti P, Basolo F. Molecular characterization of 54 cases of false-negative fine-needle aspiration among 1347 papillary thyroid carcinomas. *Cancer Cytopathol.* 2014 Oct;122(10):751-9. doi: 10.1002/ency.21454. Epub 2014 Jun 9. PubMed PMID: 24913568.

104: Martino E, Vitti P. Endocrinology and art. Leonardo da Vinci "design of Lady with Graves' disease" (1452-1519). *J Endocrinol Invest.* 2014 Aug;37(8):781. doi: 10.1007/s40618-014-0099-0. Epub 2014 Jun 7. PubMed PMID: 24906977.

105: Nardi F, Basolo F, Crescenzi A, Fadda G, Frasoldati A, Orlandi F, Palombini L, Papini E, Zini M, Pontecorvi A, Vitti P. Italian consensus for the classification and reporting of thyroid cytology. *J Endocrinol Invest.* 2014 Jun;37(6):593-9. doi: 10.1007/s40618-014-0062-0. Epub 2014 May 1. PubMed PMID: 24789536.

106: Rago T, Scutari M, Latrofa F, Loiacono V, Piaggi P, Marchetti I, Romani R, Basolo F, Miccoli P, Tonacchera M, Vitti P. The large majority of 1520 patients with indeterminate thyroid nodule at cytology have a favorable outcome, and a clinical risk score has a high negative predictive value for a more cumbersome cancer disease. *J Clin Endocrinol Metab.* 2014 Oct;99(10):3700-7. doi: 10.1210/jc.2013-4401. Epub 2014 Apr 7. PubMed PMID: 24708101.

107: Santini F, Giannetti M, Ricco I, Querci G, Saponati G, Bokor D, Rivolta G, Bussi S, Braverman LE, Vitti P, Pinchera A. Steady-State Serum T3 Concentrations for 48 Hours Following the Oral Administration of a Single Dose of 3,5,3'-Triiodothyronine Sulfate (T3S). *Endocr Pract.* 2014 Jul;20(7):680-9. doi: 10.4158/EP13331.OR. PubMed PMID: 24518178.

108: Agretti P, De Marco G, Di Cosmo C, Bagattini B, Ferrarini E, Montanelli L, Vitti P, Tonacchera M. Frequency and effect on serum TSH of phosphodiesterase 8B (PDE8B) gene polymorphisms in patients with sporadic nonautoimmune subclinical hypothyroidism. *J Endocrinol Invest.* 2014 Feb;37(2):189-94. doi: 10.1007/s40618-013-0036-7. Epub 2014 Jan 9. PubMed PMID: 24497218.

109: Giannaccini G, Betti L, Palego L, Marsili A, Santini F, Pelosini C, Fabbrini L, Schmid L, Giusti L, Maffei M, Lanza M, Cristofaro M, Baroni S, Mauri M, Vitti P, Fierabracci P, Lucacchini A. The expression of platelet serotonin transporter (SERT) in human obesity. *BMC Neurosci.* 2013 Oct 18;14:128. doi: 10.1186/1471-2202-14-128. PubMed PMID: 24138674; PubMed Central PMCID: PMC4016247.

110: Muller I, Giani C, Zhang L, Grennan-Jones FA, Fiore E, Belardi V, Rosellini V, Funel N, Campani D, Giustarini E, Lewis MD, Bakhsh AD, Roncella M, Ghilli M, Vitti P, Dayan CM, Ludgate ME. Does thyroid peroxidase provide an antigenic link between thyroid autoimmunity and breast cancer? *Int J Cancer.* 2014 Apr 1;134(7):1706-14. doi: 10.1002/ijc.28493. Epub 2013 Oct 15. PubMed PMID: 24114667.

111: Latrofa F, Fiore E, Rago T, Antonangeli L, Montanelli L, Ricci D, Provenzale MA, Scutari M, Frigeri M, Tonacchera M, Vitti P. Iodine contributes to thyroid autoimmunity in humans by unmasking a cryptic epitope on thyroglobulin. *J Clin Endocrinol Metab.* 2013 Nov;98(11):E1768-74. doi: 10.1210/jc.2013-2912. Epub 2013 Sep 24. PubMed PMID: 24064687.

112: Ciregia F, Giusti L, Molinaro A, Niccolai F, Agretti P, Rago T, Di Coscio G, Vitti P, Basolo F, Iacconi P, Tonacchera M, Lucacchini A. Presence in the pre-surgical fine-needle aspiration of potential thyroid biomarkers previously identified in the post-surgical one. *PLoS One.* 2013 Sep 2;8(9):e72911. doi: 10.1371/journal.pone.0072911. eCollection 2013. PubMed PMID: 24023790; PubMed Central PMCID: PMC3759451.

113: Del Ghianda S, Loconte E, Ruggiero M, Benelli E, Artini PG, Cela V, Simoncini T, Latrofa F, Vitti P, Tonacchera M. Over hypothyroidism in a woman undergoing controlled ovarian hyperstimulation. *Endocr Pract.* 2014 Jan;20(1):e11-3. doi: 10.4158/EP13236.CR. PubMed PMID: 24014002.

114: del Ghianda S, Tonacchera M, Vitti P. Thyroid and menopause. *Climacteric.* 2014 Jun;17(3):225-34. doi: 10.3109/13697137.2013.838554. Epub 2013 Nov 7. Review. PubMed PMID: 23998691.

115: Mirone V, Arcaniolo D, Rivas D, Bull S, Aquilina JW, Verze P; PAUSE study team. Results from a prospective observational study of men with premature ejaculation treated with dapoxetine or alternative care: the PAUSE study. *Eur Urol*. 2014 Apr;65(4):733-9. doi: 10.1016/j.eururo.2013.08.018. Epub 2013 Aug 22. PubMed PMID: 23993257.

116: Menconi F, Profilo MA, Leo M, Sisti E, Altea MA, Rocchi R, Latrofa F, Nardi M, Vitti P, Marcocci C, Marinò M. Spontaneous improvement of untreated mild Graves' ophthalmopathy: Rundle's curve revisited. *Thyroid*. 2014 Jan;24(1):60-6. doi: 10.1089/thy.2013.0240. Epub 2013 Dec 9. PubMed PMID: 23980907; PubMed Central PMCID: PMC3887427.

117: Ugolini C, Elisei R, Proietti A, Pelliccioni S, Lupi C, Borrelli N, Viola D, Leocata P, Vitti P, Miccoli P, Toniolo A, Basolo F. FoxP3 expression in papillary thyroid carcinoma: a possible resistance biomarker to iodine 131 treatment. *Thyroid*. 2014 Feb;24(2):339-46. doi: 10.1089/thy.2012.0589. Epub 2013 Sep 26. PubMed PMID: 23915122.

118: Proietti A, Sartori C, Borrelli N, Giannini R, Materazzi G, Leocata P, Elisei R, Vitti P, Miccoli P, Basolo F. Follicular-derived neoplasms: morphometric and genetic differences. *J Endocrinol Invest*. 2013 Dec;36(11):1055-61. doi: 10.3275/9063. Epub 2013 Jul 23. PubMed PMID: 23888303.

119: Elisei R, Lorusso L, Romei C, Bottici V, Mazzeo S, Giani C, Fiore E, Torregrossa L, Insilla AC, Basolo F, Guerini A, Menghi A, Poletti A, Cugudda L, Vitti P. Medullary thyroid cancer secreting carbohydrate antigen 19-9 (Ca 19-9): a fatal case report. *J Clin Endocrinol Metab*. 2013 Sep;98(9):3550-4. doi: 10.1210/jc.2013-1940. Epub 2013 Jul 16. PubMed PMID: 23861463.

120: Aghini-Lombardi F, Vitti P, Antonangeli L, Fiore E, Piaggi P, Pallara A, Consiglio E, Pinchera A; Southern Italy Study Group for Iodine Deficiency Disorders. The size of the community rather than its geographical location better defines the risk of iodine deficiency: results of an extensive survey in Southern Italy. *J Endocrinol Invest*. 2013 May;36(5):282-6. PubMed PMID: 23712195.

121: Molinaro E, Giani C, Agate L, Biagini A, Pieruzzi L, Bianchi F, Brozzi F,

Ceccarelli C, Viola D, Piaggi P, Vitti P, Pacini F, Elisei R. Patients with differentiated thyroid cancer who underwent radioiodine thyroid remnant ablation with low-activity <sup>131</sup>I after either recombinant human TSH or thyroid hormone therapy withdrawal showed the same outcome after a 10-year follow-up. *J Clin Endocrinol Metab.* 2013 Jul;98(7):2693-700. doi: 10.1210/jc.2012-4137. Epub 2013 Apr 26. PubMed PMID: 23626005.

122: Pelosini C, Maffei M, Ceccarini G, Marchi M, Marsili A, Galli G, Scartabelli G, Tamberi A, Latrofa F, Fierabracci P, Vitti P, Pinchera A, Santini F. Frequency of the GPR7 Tyr135Phe allelic variant in lean and obese subjects. *J Endocrinol Invest.* 2013 Oct;36(9):712-5. doi: 10.3275/8929. Epub 2013 Apr 8. PubMed PMID: 23563248.

123: Tonacchera M, Dimida A, De Servi M, Frigeri M, Ferrarini E, De Marco G, Grasso L, Agretti P, Piaggi P, Aghini-Lombardi F, Perata P, Pinchera A, Vitti P. Iodine fortification of vegetables improves human iodine nutrition: in vivo evidence for a new model of iodine prophylaxis. *J Clin Endocrinol Metab.* 2013 Apr;98(4):E694-7. doi: 10.1210/jc.2012-3509. Epub 2013 Mar 12. PubMed PMID: 23482609.

124: Agretti P, De Marco G, Di Cosmo C, Ferrarini E, Montanelli L, Bagattini B, Vitti P, Tonacchera M. Congenital hypothyroidism caused by a novel homozygous mutation in the thyroglobulin gene. *Eur J Pediatr.* 2013 Jul;172(7):959-64. doi: 10.1007/s00431-013-1976-9. Epub 2013 Mar 3. PubMed PMID: 23455760.

125: Aghini Lombardi F, Fiore E, Tonacchera M, Antonangeli L, Rago T, Frigeri M, Provenzale AM, Montanelli L, Grasso L, Pinchera A, Vitti P. The effect of voluntary iodine prophylaxis in a small rural community: the Pescopagano survey 15 years later. *J Clin Endocrinol Metab.* 2013 Mar;98(3):1031-9. doi: 10.1210/jc.2012-2960. Epub 2013 Feb 22. PubMed PMID: 23436921.

126: Canello R, Zulian A, Gentilini D, Mencarelli M, Della Barba A, Maffei M, Vitti P, Invitti C, Liuzzi A, Di Blasio AM. Permanence of molecular features of obesity in subcutaneous adipose tissue of ex-obese subjects. *Int J Obes (Lond).* 2013 Jun;37(6):867-73. doi: 10.1038/ijo.2013.7. Epub 2013 Feb 12. Erratum in: *Int J Obes (Lond).* 2013 Jun;37(6):892. PubMed PMID: 23399771.

127: Agretti P, Segni M, De Marco G, Ferrarini E, Di Cosmo C, Corrias A, Weber G,

Larizza D, Calcaterra V, Pelizzo MR, Cesaretti G, Vitti P, Tonacchera M. Prevalence of activating thyrotropin receptor and Gs $\alpha$  gene mutations in paediatric thyroid toxic adenomas: a multicentric Italian study. *Clin Endocrinol (Oxf)*. 2013 Nov;79(5):747-9. doi: 10.1111/cen.12158. Epub 2013 May 20. PubMed PMID: 23346880.

128: Frigeri M, Lercker G, Bonoli M, Fiore E, Tonacchera M, Pinchera A, Vitti P, Grasso L, Aghini-Lombardi F. In vivo assessment about the effects of a diet containing iodine-enriched foodstuffs. A pilot study in 30 volunteers. *J Endocrinol Invest*. 2013 Oct;36(9):667-71. doi: 10.3275/8769. Epub 2012 Nov 26. PubMed PMID: 23211556.

129: Ferrarini E, Russo L, Fruzzetti F, Agretti P, De Marco G, Dimida A, Gianetti E, Simoncini T, Simi P, Baldinotti F, Benelli E, Pucci E, Pinchera A, Vitti P, Tonacchera M. Clinical characteristics and genetic analysis in women with premature ovarian insufficiency. *Maturitas*. 2013 Jan;74(1):61-7. doi: 10.1016/j.maturitas.2012.09.017. Epub 2012 Oct 26. PubMed PMID: 23107817.

130: Profilo MA, Sisti E, Marcocci C, Vitti P, Pinchera A, Nardi M, Rocchi R, Latrofa F, Menconi F, Altea MA, Leo M, Rago T, Marinò M. Thyroid volume and severity of Graves' orbitopathy. *Thyroid*. 2013 Jan;23(1):97-102. doi: 10.1089/thy.2012.0379. PubMed PMID: 23088654.

131: Rocchi R, Lenzi R, Marinò M, Latrofa F, Nardi M, Piaggi P, Mazzi B, Altea MA, Pinchera A, Vitti P, Marcocci C, Sellari-Franceschini S. Rehabilitative orbital decompression for Graves' orbitopathy: risk factors influencing the new onset of diplopia in primary gaze, outcome, and patients' satisfaction. *Thyroid*. 2012 Nov;22(11):1170-5. doi: 10.1089/thy.2012.0272. Epub 2012 Oct 16. PubMed PMID: 23072549.

132: Elisei R, Viola D, Torregrossa L, Giannini R, Romei C, Ugolini C, Molinaro E, Agate L, Biagini A, Lupi C, Valerio L, Materazzi G, Miccoli P, Piaggi P, Pinchera A, Vitti P, Basolo F. The BRAF(V600E) mutation is an independent, poor prognostic factor for the outcome of patients with low-risk intrathyroid papillary thyroid carcinoma: single-institution results from a large cohort study. *J Clin Endocrinol Metab*. 2012 Dec;97(12):4390-8. doi: 10.1210/jc.2012-1775. Epub 2012 Oct 12. PubMed PMID: 23066120.

133: Botta R, Lisi S, Marcocci C, Sellari-Franceschini S, Rocchi R, Latrofa F, Menconi F, Altea MA, Leo M, Sisti E, Casini G, Nardi M, Pinchera A, Vitti P, Marinò M. Enalapril reduces proliferation and hyaluronic acid release in orbital fibroblasts. *Thyroid*. 2013 Jan;23(1):92-6. doi: 10.1089/thy.2012.0373. PubMed PMID: 23030053.

134: Latrofa F, Ricci D, Montanelli L, Altea MA, Pucci A, Pinchera A, Vitti P. Thyroglobulin autoantibodies of patients with subacute thyroiditis are restricted to a major B cell epitope. *J Endocrinol Invest*. 2012 Sep;35(8):712-4. PubMed PMID: 23014133.

135: Latrofa F, Ricci D, Montanelli L, Rocchi R, Piaggi P, Sisti E, Grasso L, Basolo F, Ugolini C, Pinchera A, Vitti P. Thyroglobulin autoantibodies in patients with papillary thyroid carcinoma: comparison of different assays and evaluation of causes of discrepancies. *J Clin Endocrinol Metab*. 2012 Nov;97(11):3974-82. doi: 10.1210/jc.2012-2406. Epub 2012 Sep 4. PubMed PMID: 22948755.

136: Belardi V, Fiore E, Giustarini E, Muller I, Sabatini S, Rosellini V, Seregini E, Agresti R, Marcocci C, Vitti P, Giani C. Is the risk of primary hyperparathyroidism increased in patients with untreated breast cancer? *J Endocrinol Invest*. 2013 May;36(5):321-5. doi: 10.3275/8580. Epub 2012 Aug 29. PubMed PMID: 22931931.

137: Proietti A, Sartori C, Torregrossa L, Vitti P, Aghababayan A, Fregoli L, Miccoli P, Basolo F. A case of metastatic haemangiopericytoma to the thyroid gland: Case report and literature review. *Oncol Lett*. 2012 Jun;3(6):1255-1258. Epub 2012 Mar 29. PubMed PMID: 22783428; PubMed Central PMCID: PMC3392569.

138: Romei C, Fugazzola L, Puxeddu E, Frasca F, Viola D, Muzza M, Moretti S, Nicolosi ML, Giani C, Cirello V, Avenia N, Rossi S, Vitti P, Pinchera A, Elisei R. Modifications in the papillary thyroid cancer gene profile over the last 15 years. *J Clin Endocrinol Metab*. 2012 Sep;97(9):E1758-65. doi: 10.1210/jc.2012-1269. Epub 2012 Jun 28. PubMed PMID: 22745248.

139: Agretti P, Ferrarini E, Rago T, Candelieri A, De Marco G, Dimida A, Niccolai F, Molinaro A, Di Coscio G, Pinchera A, Vitti P, Tonacchera M. MicroRNA

expression profile helps to distinguish benign nodules from papillary thyroid carcinomas starting from cells of fine-needle aspiration. *Eur J Endocrinol*. 2012 Sep;167(3):393-400. doi: 10.1530/EJE-12-0400. Epub 2012 Jun 22. PubMed PMID: 22728346.

140: Salvetti G, Pucci A, Fierabracci P, Ceccarini G, Palagi C, Delle Donne MG, Di Bello V, Piaggi P, Vitti P, Salvetti A, Pinchera A, Santini F. Prevalence of left ventricular hypertrophy and determinants of left ventricular mass in obese women. *High Blood Press Cardiovasc Prev*. 2012 Mar 1;19(1):33-9. doi: 10.2165/11593700-000000000-00000. PubMed PMID: 22670585.

141: Galli G, Pinchera A, Piaggi P, Fierabracci P, Giannetti M, Querci G, Scartabelli G, Manetti L, Ceccarini G, Martinelli S, Di Salvo C, Anselmino M, Bogazzi F, Landi A, Vitti P, Maffei M, Santini F. Serum insulin-like growth factor-1 concentrations are reduced in severely obese women and raise after weight loss induced by laparoscopic adjustable gastric banding. *Obes Surg*. 2012 Aug;22(8):1276-80. doi: 10.1007/s11695-012-0669-1. PubMed PMID: 22648796.

142: Bertini V, Viola D, Vitti P, Simi P, Valetto A. An idi(15) associated with POF (premature ovarian failure): molecular cytogenetic definition of a case and review of the literature. *Gene*. 2012 Jul 15;503(1):123-5. doi: 10.1016/j.gene.2012.04.071. Epub 2012 May 2. Review. PubMed PMID: 22575723.

143: Latrofa F, Ricci D, Montanelli L, Rocchi R, Piaggi P, Sisti E, Grasso L, Basolo F, Ugolini C, Pinchera A, Vitti P. Lymphocytic thyroiditis on histology correlates with serum thyroglobulin autoantibodies in patients with papillary thyroid carcinoma: impact on detection of serum thyroglobulin. *J Clin Endocrinol Metab*. 2012 Jul;97(7):2380-7. doi: 10.1210/jc.2011-2812. Epub 2012 Apr 26. PubMed PMID: 22539585.

144: Brozzi F, Rago T, Bencivelli W, Bianchi F, Santini P, Vitti P, Pinchera A, Ceccarelli C. Salivary glands ultrasound examination after radioiodine-131 treatment for differentiated thyroid cancer. *J Endocrinol Invest*. 2013 Mar;36(3):153-6. doi: 10.3275/8335. Epub 2012 Apr 5. PubMed PMID: 22522602.

145: Giuliani C, Cerrone D, Harii N, Thornton M, Kohn LD, Dagia NM, Fiore E,

Bucci I, Chamblin T, Vitti P, Monaco F, Napolitano G. A TSHr-LH/CGr chimera that measures functional TSAbs in Graves' disease. *J Clin Endocrinol Metab.* 2012 Jul;97(7):E1106-15. doi: 10.1210/jc.2011-2893. Epub 2012 Apr 10. PubMed PMID: 22496495.

146: Giuliani C, Cerrone D, Harii N, Thornton M, Kohn LD, Dagia NM, Bucci I, Carpentieri M, Di Nenno B, Di Blasio A, Vitti P, Monaco F, Napolitano G. A TSHR-LH/CGR chimera that measures functional thyroid-stimulating autoantibodies (TSAbs) can predict remission or recurrence in Graves' patients undergoing antithyroid drug (ATD) treatment. *J Clin Endocrinol Metab.* 2012 Jul;97(7):E1080-7. doi: 10.1210/jc.2011-2897. Epub 2012 Apr 6. PubMed PMID: 22492869.

147: Landini M, Gonzali S, Kiferle C, Tonacchera M, Agretti P, Dimida A, Vitti P, Alpi A, Pinchera A, Perata P. Metabolic engineering of the iodine content in *Arabidopsis*. *Sci Rep.* 2012;2:338. doi: 10.1038/srep00338. Epub 2012 Mar 27. PubMed PMID: 22468225; PubMed Central PMCID: PMC3313481.

148: Romei C, Ugolini C, Cosci B, Torregrossa L, Vivaldi A, Ciampi R, Tacito A, Basolo F, Materazzi G, Miccoli P, Vitti P, Pinchera A, Elisei R. Low prevalence of the somatic M918T RET mutation in micro-medullary thyroid cancer. *Thyroid.* 2012 May;22(5):476-81. doi: 10.1089/thy.2011.0358. Epub 2012 Mar 9. PubMed PMID: 22404432.

149: Agretti P, De Marco G, Biagioni M, Iannilli A, Marigliano M, Pinchera A, Vitti P, Cherubini V, Tonacchera M. Sporadic congenital nonautoimmune hyperthyroidism caused by P639S mutation in thyrotropin receptor gene. *Eur J Pediatr.* 2012 Jul;171(7):1133-7. doi: 10.1007/s00431-012-1702-z. Epub 2012 Feb 28. PubMed PMID: 22371259.

150: Strazzullo P, Cairella G, Campanozzi A, Carcea M, Galeone D, Galletti F, Giampaoli S, Iacoviello L, Scalfi L; GIRCSI Working Group. Population based strategy for dietary salt intake reduction: Italian initiatives in the European framework. *Nutr Metab Cardiovasc Dis.* 2012 Mar;22(3):161-6. doi: 10.1016/j.numecd.2011.10.004. Epub 2012 Feb 23. PubMed PMID: 22364888.

151: Fiore E, Vitti P. Serum TSH and risk of papillary thyroid cancer in nodular thyroid disease. *J Clin Endocrinol Metab.* 2012 Apr;97(4):1134-45. doi: 10.1210/jc.2011-2735. Epub 2012 Jan 25. PubMed PMID: 22278420.

152: Elisei R, Romei C, Renzini G, Bottici V, Cosci B, Molinaro E, Agate L, Cappagli V, Miccoli P, Berti P, Faviana P, Ugolini C, Basolo F, Vitti P, Pinchera A. The timing of total thyroidectomy in RET gene mutation carriers could be personalized and safely planned on the basis of serum calcitonin: 18 years experience at one single center. *J Clin Endocrinol Metab.* 2012 Feb;97(2):426-35. doi: 10.1210/jc.2011-2046. Epub 2011 Dec 7. PubMed PMID: 22162466.

153: Giannetti M, Piaggi P, Ceccarini G, Mazzeo S, Querci G, Fierabracci P, Salvetti G, Galli G, Ricco I, Martinelli S, Di Salvo C, Anselmino M, Landi A, Vitti P, Pinchera A, Santini F. Hepatic left lobe volume is a sensitive index of metabolic improvement in obese women after gastric banding. *Int J Obes (Lond).* 2012 Mar;36(3):336-41. doi: 10.1038/ijo.2011.243. Epub 2011 Dec 6. PubMed PMID: 22143620.

154: Galli E, Marchini M, Saba A, Berti S, Tonacchera M, Vitti P, Scanlan TS, Iervasi G, Zucchi R. Detection of 3-iodothyronamine in human patients: a preliminary study. *J Clin Endocrinol Metab.* 2012 Jan;97(1):E69-74. doi: 10.1210/jc.2011-1115. Epub 2011 Oct 26. PubMed PMID: 22031514.

155: Proietti A, Ugolini C, Melillo RM, Crisman G, Elisei R, Santoro M, Minuto M, Vitti P, Miccoli P, Basolo F. Higher intratumoral expression of CD1a, tryptase, and CD68 in a follicular variant of papillary thyroid carcinoma compared to adenomas: correlation with clinical and pathological parameters. *Thyroid.* 2011 Nov;21(11):1209-15. doi: 10.1089/thy.2011.0059. Epub 2011 Oct 18. PubMed PMID: 22007938.

156: Tonacchera M, Agretti P, Rago T, De Marco G, Niccolai F, Molinaro A, Scutari M, Candelieri A, Conforti D, Musmanno R, Di Coscio G, Basolo F, Iaconi P, Miccoli P, Pinchera A, Vitti P. Genetic markers to discriminate benign and malignant thyroid nodules with undetermined cytology in an area of borderline iodine deficiency. *J Endocrinol Invest.* 2012 Sep;35(8):754-9. Epub 2011 Oct 4. PubMed PMID: 21979329.

157: Marchi M, Lisi S, Curcio M, Barbuti S, Piaggi P, Ceccarini G, Nannipieri M, Anselmino M, Di Salvo C, Vitti P, Pinchera A, Santini F, Maffei M. Human leptin tissue distribution, but not weight loss-dependent change in expression, is associated with methylation of its promoter. *Epigenetics*. 2011 Oct 1;6(10):1198-206. doi: 10.4161/epi.6.10.16600. Epub 2011 Oct 1. PubMed PMID: 21931275; PubMed Central PMCID: PMC3225841.

158: Cosci B, Vivaldi A, Romei C, Gemignani F, Landi S, Ciampi R, Tacito A, Molinaro E, Agate L, Bottici V, Cappagli V, Viola D, Piaggi P, Vitti P, Pinchera A, Elisei R. In silico and in vitro analysis of rare germline allelic variants of RET oncogene associated with medullary thyroid cancer. *Endocr Relat Cancer*. 2011 Sep 20;18(5):603-12. doi: 10.1530/ERC-11-0117. Print 2011 Oct. PubMed PMID: 21810974.

159: Pelosini C, Martinelli S, Bagattini B, Pucci E, Fierabracci P, Scartabelli G, Salvetti G, Vitti P, Maffei M, Pinchera A, Santini F. Description of an AGPAT2 pathologic allelic variant in a 54-year-old Caucasian woman with Berardinelli-Seip syndrome. *Acta Diabetol*. 2011 Sep;48(3):243-6. doi: 10.1007/s00592-011-0308-7. Epub 2011 Jul 9. PubMed PMID: 21744063.

160: Querci G, Galli G, Piaggi P, Rosellini V, Giannetti M, Luchetti F, Donadio C, Tognotti D, Caravelli P, Vitti P, Grasso L, Pinchera A, Santini F. Performance evaluation of the Vitros(®)3600 immunodiagnostic system for the determination of free thyroid hormones. *Clin Chem Lab Med*. 2011 Aug;49(8):1385-7. doi: 10.1515/CCLM.2011.616. Epub 2011 May 28. PubMed PMID: 21619476.

161: Ceccarelli C, Antonangeli L, Brozzi F, Bianchi F, Tonacchera M, Santini P, Mazzeo S, Bencivelli W, Pinchera A, Vitti P. Radioiodine 131I treatment for large nodular goiter: recombinant human thyrotropin allows the reduction of radioiodine 131I activity to be administered in patients with low uptake. *Thyroid*. 2011 Jul;21(7):759-64. doi: 10.1089/thy.2010.0088. Epub 2011 May 13. PubMed PMID: 21568727.

162: Fiore E, Rago T, Latrofa F, Provenzale MA, Piaggi P, Delitala A, Scutari M, Basolo F, Di Coscio G, Grasso L, Pinchera A, Vitti P. Hashimoto's thyroiditis is associated with papillary thyroid carcinoma: role of TSH and of treatment with L-thyroxine. *Endocr Relat Cancer*. 2011 Jul 1;18(4):429-37. doi: 10.1530/ERC-11-002. Print 2011 Aug. PubMed PMID: 21565972.

163: De Marco G, Agretti P, Montanelli L, Di Cosmo C, Bagattini B, De Servi M, Ferrarini E, Dimida A, Freitas Ferreira AC, Molinaro A, Ceccarelli C, Brozzi F, Pinchera A, Vitti P, Tonacchera M. Identification and functional analysis of novel dual oxidase 2 (DUOX2) mutations in children with congenital or subclinical hypothyroidism. *J Clin Endocrinol Metab.* 2011 Aug;96(8):E1335-9. doi: 10.1210/jc.2010-2467. Epub 2011 May 11. PubMed PMID: 21565790.

164: Vitti P, Aghini-Lombardi F. The effect of 15 years voluntary iodine prophylaxis through iodized salt in a small rural community: the Pescopagano experience. *Ann Endocrinol (Paris).* 2011 Apr;72(2):162-3. doi: 10.1016/j.ando.2011.03.022. Epub 2011 Apr 21. PubMed PMID: 21513913.

165: Agretti P, De Marco G, Russo L, Saba A, Raffaelli A, Marchini M, Chiellini G, Grasso L, Pinchera A, Vitti P, Scanlan TS, Zucchi R, Tonacchera M. 3-Iodothyronamine metabolism and functional effects in FRTL5 thyroid cells. *J Mol Endocrinol.* 2011 Jul 12;47(1):23-32. doi: 10.1530/JME-10-0168. Print 2011 Aug. PubMed PMID: 21511808.

166: Morelli G, Pagni R, Mariani C, Minervini R, Morelli A, Gori F, Ferdeghini EM, Paterni M, Mauro E, Guidi E, Armillotta N, Canale D, Vitti P, Caramella D, Minervini A. Results of vardenafil mediated power Doppler ultrasound, contrast enhanced ultrasound and systematic random biopsies to detect prostate cancer. *J Urol.* 2011 Jun;185(6):2126-31. doi: 10.1016/j.juro.2011.02.014. Epub 2011 Apr 15. PubMed PMID: 21496853.

167: Negro R, Beck-Peccoz P, Chiovato L, Garofalo P, Guglielmi R, Papini E, Tonacchera M, Vermiglio F, Vitti P, Zini M, Pinchera A. Hyperthyroidism and pregnancy. An Italian Thyroid Association (AIT) and Italian Association of Clinical Endocrinologists (AME) joint statement for clinical practice. *J Endocrinol Invest.* 2011 Mar;34(3):225-31. doi: 10.3275/7619. Epub 2011 Mar 22. PubMed PMID: 21427528.

168: Gharib H, Papini E, Paschke R, Duick DS, Valcavi R, Hegedüs L, Vitti P; AACE/AME/ETA Task Force on Thyroid Nodules. American Association of Clinical Endocrinologists, Associazione Medici Endocrinologi, and European Thyroid Association medical guidelines for clinical practice for the diagnosis and

management of thyroid nodules: executive summary of recommendations. *J Endocrinol Invest.* 2010;33(5 Suppl):51-6. PubMed PMID: 20543551.

169: Gharib H, Papini E, Paschke R, Duick DS, Valcavi R, Hegedüs L, Vitti P; AACE/AME/ETA Task Force on Thyroid Nodules. American Association of Clinical Endocrinologists, Associazione Medici Endocrinologi, and European Thyroid Association medical guidelines for clinical practice for the diagnosis and management of thyroid nodules. *J Endocrinol Invest.* 2010;33(5 Suppl):1-50. PubMed PMID: 20543550.

170: Romei C, Cosci B, Renzini G, Bottici V, Molinaro E, Agate L, Passannanti P, Viola D, Biagini A, Basolo F, Ugolini C, Materazzi G, Pinchera A, Vitti P, Elisei R. RET genetic screening of sporadic medullary thyroid cancer (MTC) allows the preclinical diagnosis of unsuspected gene carriers and the identification of a relevant percentage of hidden familial MTC (FMTC). *Clin Endocrinol (Oxf).* 2011 Feb;74(2):241-7. doi: 10.1111/j.1365-2265.2010.03900.x. PubMed PMID: 21054478.

171: Piaggi P, Lippi C, Fierabracci P, Maffei M, Calderone A, Mauri M, Anselmino M, Cassano GB, Vitti P, Pinchera A, Landi A, Santini F. Artificial neural networks in the outcome prediction of adjustable gastric banding in obese women. *PLoS One.* 2010 Oct 27;5(10):e13624. doi: 10.1371/journal.pone.0013624. PubMed PMID: 21048960; PubMed Central PMCID: PMC2965091.

172: Fierabracci P, Pinchera A, Martinelli S, Scartabelli G, Salvetti G, Giannetti M, Pucci A, Galli G, Ricco I, Querci G, Rago T, Di Salvo C, Anselmino M, Vitti P, Santini F. Prevalence of endocrine diseases in morbidly obese patients scheduled for bariatric surgery: beyond diabetes. *Obes Surg.* 2011 Jan;21(1):54-60. doi: 10.1007/s11695-010-0297-6. PubMed PMID: 20953730.

173: Rago T, Scutari M, Santini F, Loiacono V, Piaggi P, Di Coscio G, Basolo F, Berti P, Pinchera A, Vitti P. Real-time elastosonography: useful tool for refining the presurgical diagnosis in thyroid nodules with indeterminate or nondiagnostic cytology. *J Clin Endocrinol Metab.* 2010 Dec;95(12):5274-80. doi: 10.1210/jc.2010-0901. Epub 2010 Sep 1. PubMed PMID: 20810572.

174: Saba A, Chiellini G, Frascarelli S, Marchini M, Ghelardoni S, Raffaelli A,

Tonacchera M, Vitti P, Scanlan TS, Zucchi R. Tissue distribution and cardiac metabolism of 3-iodothyronamine. *Endocrinology*. 2010 Oct;151(10):5063-73. doi: 10.1210/en.2010-0491. Epub 2010 Aug 25. PubMed PMID: 20739399.

175: Basolo F, Torregrossa L, Giannini R, Miccoli M, Lupi C, Sensi E, Berti P, Elisei R, Vitti P, Baggiani A, Miccoli P. Correlation between the BRAF V600E mutation and tumor invasiveness in papillary thyroid carcinomas smaller than 20 millimeters: analysis of 1060 cases. *J Clin Endocrinol Metab*. 2010 Sep;95(9):4197-205. doi: 10.1210/jc.2010-0337. Epub 2010 Jul 14. PubMed PMID: 20631031.

176: Russo L, Vitti P, Pinchera A, Marinò M. Exacerbation of autoimmune thyroiditis following bilateral adrenalectomy for Cushing's syndrome. *Thyroid*. 2010 Jun;20(6):669-70. doi: 10.1089/thy.2010.0040. PubMed PMID: 20553197.

177: Gharib H, Papini E, Paschke R, Duick DS, Valcavi R, Hegedüs L, Vitti P; AACE/AME/ETA Task Force on Thyroid Nodules. American Association of Clinical Endocrinologists, Associazione Medici Endocrinologi, and European Thyroid Association Medical guidelines for clinical practice for the diagnosis and management of thyroid nodules: executive summary of recommendations. *Endocr Pract*. 2010 May-Jun;16(3):468-75. PubMed PMID: 20551008.

178: Dimida A, Ferrarini E, Agretti P, De Marco G, Grasso L, Martinelli M, Longo I, Giulietti D, Ricci A, Galimberti M, Siervo B, Licitra G, Francia F, Pinchera A, Vitti P, Tonacchera M. Electric and magnetic fields do not modify the biochemical properties of FRTL-5 cells. *J Endocrinol Invest*. 2011 Mar;34(3):185-9. doi: 10.3275/7107. Epub 2010 Jun 11. PubMed PMID: 20543553.

179: Gharib H, Papini E, Paschke R, Duick DS, Valcavi R, Hegedüs L, Vitti P; AACE/AME/ETA Task Force on Thyroid Nodules. American Association of Clinical Endocrinologists, Associazione Medici Endocrinologi, and European Thyroid Association Medical Guidelines for Clinical Practice for the Diagnosis and Management of Thyroid Nodules. *Endocr Pract*. 2010 May-Jun;16 Suppl 1:1-43. doi: 10.4158/10024.GL. PubMed PMID: 20497938.

180: Gharib H, Papini E, Paschke R, Duick DS, Valcavi R, Hegedüs L, Vitti P; AACE/AME/ETA Task Force on Thyroid Nodules. American Association of Clinical Endocrinologists, Associazione Medici Endocrinologi, and European Thyroid

Association medical guidelines for clinical practice for the diagnosis and management of thyroid nodules: Executive Summary of recommendations. *J Endocrinol Invest.* 2010 May;33(5):287-91. doi: 10.3275/7048. Epub 2010 May 17. PubMed PMID: 20479572.

181: Agretti P, Dimida A, De Marco G, Ferrarini E, Rodríguez González JC, Santini F, Vitti P, Pinchera A, Tonacchera M. Study of potential inhibitors of thyroid iodide uptake by using CHO cells stably expressing the human sodium/iodide symporter (hNIS) protein. *J Endocrinol Invest.* 2011 Mar;34(3):170-4. doi: 10.3275/7046. Epub 2010 May 17. PubMed PMID: 20479570.

182: Torregrossa L, Faviana P, Filice ME, Materazzi G, Miccoli P, Vitti P, Fontanini G, Melillo RM, Santoro M, Basolo F. CXC chemokine receptor 4 immunodetection in the follicular variant of papillary thyroid carcinoma: comparison to galectin-3 and hector battifora mesothelial cell-1. *Thyroid.* 2010 May;20(5):495-504. doi: 10.1089/thy.2009.0282. PubMed PMID: 20450430.

183: Santini F, Galli G, Maffei M, Fierabracci P, Pelosini C, Marsili A, Giannetti M, Castagna MG, Checchi S, Molinaro E, Piaggi P, Pacini F, Elisei R, Vitti P, Pinchera A. Acute exogenous TSH administration stimulates leptin secretion in vivo. *Eur J Endocrinol.* 2010 Jul;163(1):63-7. doi: 10.1530/EJE-10-0138. Epub 2010 Apr 14. PubMed PMID: 20392823.

184: Agretti P, De Marco G, Sansone D, Betterle C, Coco G, Dimida A, Ferrarini E, Pinchera A, Vitti P, Tonacchera M. Patients affected by vitiligo and autoimmune diseases do not show antibodies interfering with the activity of the melanocortin 1 receptor. *J Endocrinol Invest.* 2010 Dec;33(11):784-8. doi: 10.3275/6933. Epub 2010 Mar 22. PubMed PMID: 20332705.

185: Antonelli A, Ferrari SM, Fallahi P, Ghiri E, Crescioli C, Romagnani P, Vitti P, Serio M, Ferrannini E. Interferon-alpha, -beta and -gamma induce CXCL9 and CXCL10 secretion by human thyrocytes: modulation by peroxisome proliferator-activated receptor-gamma agonists. *Cytokine.* 2010 Jun;50(3):260-7. doi: 10.1016/j.cyto.2010.01.009. Epub 2010 Mar 17. PubMed PMID: 20299237.

186: Tonacchera M, Pinchera A, Vitti P. Assessment of nodular goitre. *Best Pract*

Res Clin Endocrinol Metab. 2010 Feb;24(1):51-61. doi: 10.1016/j.beem.2009.08.008. Review. PubMed PMID: 20172470.

187: Fiore E, Rago T, Provenzale MA, Scutari M, Ugolini C, Basolo F, Di Coscio G, Miccoli P, Grasso L, Pinchera A, Vitti P. L-thyroxine-treated patients with nodular goiter have lower serum TSH and lower frequency of papillary thyroid cancer: results of a cross-sectional study on 27 914 patients. *Endocr Relat Cancer*. 2010 Feb 18;17(1):231-9. doi: 10.1677/ERC-09-0251. Print 2010 Mar. PubMed PMID: 20167722.

188: Elisei R, Molinaro E, Agate L, Bottici V, Masserini L, Ceccarelli C, Lippi F, Grasso L, Basolo F, Bevilacqua G, Miccoli P, Di Coscio G, Vitti P, Pacini F, Pinchera A. Are the clinical and pathological features of differentiated thyroid carcinoma really changed over the last 35 years? Study on 4187 patients from a single Italian institution to answer this question. *J Clin Endocrinol Metab*. 2010 Apr;95(4):1516-27. doi: 10.1210/jc.2009-1536. Epub 2010 Feb 15. PubMed PMID: 20156922.

189: Rago T, Fiore E, Scutari M, Santini F, Di Coscio G, Romani R, Piaggi P, Ugolini C, Basolo F, Miccoli P, Pinchera A, Vitti P. Male sex, single nodularity, and young age are associated with the risk of finding a papillary thyroid cancer on fine-needle aspiration cytology in a large series of patients with nodular thyroid disease. *Eur J Endocrinol*. 2010 Apr;162(4):763-70. doi: 10.1530/EJE-09-0895. Epub 2010 Jan 18. PubMed PMID: 20083557.

190: Giannaccini G, Betti L, Palego L, Schmid L, Fabbrini L, Pelosini C, Gargini C, Da Valle Y, Lanza M, Marsili A, Maffei M, Santini F, Vitti P, Pinchera A, Lucacchini A. Human serotonin transporter expression during megakaryocytic differentiation of MEG-01 cells. *Neurochem Res*. 2010 Apr;35(4):628-35. doi: 10.1007/s11064-009-0112-8. Epub 2009 Dec 30. PubMed PMID: 20041293.

191: Maffei M, Funicello M, Vottari T, Gamucci O, Costa M, Lisi S, Viegi A, Ciampi O, Bardi G, Vitti P, Pinchera A, Santini F. The obesity and inflammatory marker haptoglobin attracts monocytes via interaction with chemokine (C-C motif) receptor 2 (CCR2). *BMC Biol*. 2009 Dec 17;7:87. doi: 10.1186/1741-7007-7-87. PubMed PMID: 20017911; PubMed Central PMCID: PMC2809058.

192: Montanelli L, Agretti P, Marco Gd, Bagattini B, Ceccarelli C, Brozzi F, Lettiero T, Cerbone M, Vitti P, Salerno M, Pinchera A, Tonacchera M. Congenital hypothyroidism and late-onset goiter: identification and characterization of a novel mutation in the sodium/iodide symporter of the proband and family members. *Thyroid*. 2009 Dec;19(12):1419-25. doi: 10.1089/thy.2009.0080. PubMed PMID: 19916865.

193: Latrofa F, Ricci D, Vitti P, Prinzis A, Cambuli VM, Ghiani M, Pilia S, Carta D, Loche S, Pinchera A, Mariotti S. Characterization of thyroglobulin epitopes in Sardinian adults and juveniles with Hashimoto's thyroiditis: evidence against a major effect of age and genetic background on B-cell epitopes. *Clin Endocrinol (Oxf)*. 2010 Jul;73(1):110-3. doi: 10.1111/j.1365-2265.2009.03748.x. Epub 2009 Nov 11. PubMed PMID: 19912245.

194: Rago T, Vitti P. Potential value of elastosonography in the diagnosis of malignancy in thyroid nodules. *Q J Nucl Med Mol Imaging*. 2009 Oct;53(5):455-64. Review. PubMed PMID: 19910898.

195: Bogazzi F, Giovannetti C, Fessehatsion R, Tanda ML, Campomori A, Compri E, Rossi G, Ceccarelli C, Vitti P, Pinchera A, Bartalena L, Martino E. Impact of lithium on efficacy of radioactive iodine therapy for Graves' disease: a cohort study on cure rate, time to cure, and frequency of increased serum thyroxine after antithyroid drug withdrawal. *J Clin Endocrinol Metab*. 2010 Jan;95(1):201-8. doi: 10.1210/jc.2009-1655. Epub 2009 Nov 11. PubMed PMID: 19906789.

196: Tonacchera M, De Marco G, Agretti P, Montanelli L, Di Cosmo C, Freitas Ferreira AC, Dimida A, Ferrarini E, Ramos HE, Ceccarelli C, Brozzi F, Pinchera A, Vitti P. Identification and functional studies of two new dual-oxidase 2 (DUOX2) mutations in a child with congenital hypothyroidism and a eutopic normal-size thyroid gland. *J Clin Endocrinol Metab*. 2009 Nov;94(11):4309-14. doi: 10.1210/jc.2009-0426. Epub 2009 Sep 29. PubMed PMID: 19789206.

197: Fiore E, Rago T, Scutari M, Ugolini C, Proietti A, Di Coscio G, Provenzale MA, Berti P, Grasso L, Mariotti S, Pinchera A, Vitti P. Papillary thyroid cancer, although strongly associated with lymphocytic infiltration on histology, is only weakly predicted by serum thyroid auto-antibodies in patients with nodular thyroid diseases. *J Endocrinol Invest*. 2009 Apr;32(4):344-51. PubMed PMID:

19636204.

198: Fiore E, Rago T, Provenzale MA, Scutari M, Ugolini C, Basolo F, Di Coscio G, Berti P, Grasso L, Elisei R, Pinchera A, Vitti P. Lower levels of TSH are associated with a lower risk of papillary thyroid cancer in patients with thyroid nodular disease: thyroid autonomy may play a protective role. *Endocr Relat Cancer*. 2009 Dec;16(4):1251-60. doi: 10.1677/ERC-09-0036. Epub 2009 Jun 15. PubMed PMID: 19528244.

199: Pucci A, Pucci E, Santini F, Altea MA, Faviana P, Basolo F, Pinchera A, Iacconi P, Vitti P. A ganglioneuroma with features of a thyroid nodule: intense pain on fine needle biopsy as a diagnostic clue. *Thyroid*. 2009 Feb;19(2):201-4. doi: 10.1089/thy.2008.0190. PubMed PMID: 19191752.

200: Rago T, Vitti P. Role of thyroid ultrasound in the diagnostic evaluation of thyroid nodules. *Best Pract Res Clin Endocrinol Metab*. 2008 Dec;22(6):913-28. doi: 10.1016/j.beem.2008.09.016. Review. PubMed PMID: 19041822.

201: Toni R, Casa CD, Bodria M, Spaletta G, Vella R, Castorina S, Gatto A, Teti G, Falconi M, Rago T, Vitti P, Sgallari F. A study on the relationship between intraglandular arterial distribution and thyroid lobe shape: implications for biotechnology of a bioartificial thyroid. *Ann Anat*. 2008 Nov 20;190(5):432-41. doi: 10.1016/j.aanat.2008.07.010. Epub 2008 Sep 23. PubMed PMID: 18952412.

202: Ceccarelli C, Canale D, Vitti P. Radioactive iodine (<sup>131</sup>I) effects on male fertility. *Curr Opin Urol*. 2008 Nov;18(6):598-601. doi: 10.1097/MOU.0b013e32831367b3. Review. PubMed PMID: 18832945.

203: Santini F, Mantovani A, Cristaudo A, Rago T, Marsili A, Buselli R, Mignani A, Ceccarini G, Bastillo R, Taddei D, Ricco I, Vitti P, Pinchera A. Thyroid function and exposure to styrene. *Thyroid*. 2008 Oct;18(10):1065-9. doi: 10.1089/thy.2008.0003. PubMed PMID: 18816178.

204: De Marco G, Agretti P, Camilot M, Teofoli F, Tatò L, Vitti P, Pinchera A, Tonacchera M. Functional studies of new TSH receptor (TSHr) mutations identified in patients affected by hypothyroidism or isolated hyperthyrotrophinaemia. *Clin Endocrinol (Oxf)*. 2009 Feb;70(2):335-8. doi: 10.1111/j.1365-2265.2008.03333.x.

Epub 2008 Aug 22. PubMed PMID: 18727713.

205: Bartolazzi A, Orlandi F, Saggiorato E, Volante M, Arecco F, Rossetto R, Palestini N, Ghigo E, Papotti M, Bussolati G, Martegani MP, Pantellini F, Carpi A, Giovagnoli MR, Monti S, Toscano V, Sciacchitano S, Pennelli GM, Mian C, Pelizzo MR, Rugge M, Troncone G, Palombini L, Chiappetta G, Botti G, Vecchione A, Bellocco R; Italian Thyroid Cancer Study Group (ITCSG). Galectin-3-expression analysis in the surgical selection of follicular thyroid nodules with indeterminate fine-needle aspiration cytology: a prospective multicentre study. *Lancet Oncol.* 2008 Jun;9(6):543-9. doi: 10.1016/S1470-2045(08)70132-3. Epub 2008 May 19. PubMed PMID: 18495537.

206: Latrofa F, Ricci D, Grasso L, Vitti P, Masserini L, Basolo F, Ugolini C, Mascia G, Lucacchini A, Pinchera A. Characterization of thyroglobulin epitopes in patients with autoimmune and non-autoimmune thyroid diseases using recombinant human monoclonal thyroglobulin autoantibodies. *J Clin Endocrinol Metab.* 2008 Feb;93(2):591-6. Epub 2007 Nov 20. PubMed PMID: 18029466.

207: Bogazzi F, Vitti P. Could improved ultrasound and power Doppler replace thyroidal radioiodine uptake to assess thyroid disease? *Nat Clin Pract Endocrinol Metab.* 2008 Feb;4(2):70-1. Epub 2007 Nov 6. PubMed PMID: 17984981.

208: Agretti P, De Marco G, Capodanno A, Ferrarini E, Dimida A, Sansone D, Collecchi P, Pinchera A, Vitti P, Tonacchera M. A fast method to detect cell surface expression of thyrotropin receptor (TSHr): the microchip flow cytometry analysis. *Thyroid.* 2007 Sep;17(9):861-8. PubMed PMID: 17705697.

209: Tonacchera M, Di Cosmo C, De Marco G, Agretti P, Banco M, Perri A, Gianetti E, Montanelli L, Vitti P, Pinchera A. Identification of TSH receptor mutations in three families with resistance to TSH. *Clin Endocrinol (Oxf).* 2007 Nov;67(5):712-8. Epub 2007 Aug 13. PubMed PMID: 17697008.

210: Torregrossa L, Faviana P, Camacci T, Materazzi G, Berti P, Minuto M, Elisei R, Vitti P, Miccoli P, Basolo F. Galectin-3 is highly expressed in nonencapsulated papillary thyroid carcinoma but weakly expressed in encapsulated type; comparison with Hector Battifora mesothelial cell 1 immunoreactivity. *Hum*

Pathol. 2007 Oct;38(10):1482-8. Epub 2007 Jun 26. PubMed PMID: 17597183.

211: Agretti P, De Marco G, Pinchera A, Vitti P, Bernal J, Tonacchera M. Ras homolog enriched in striatum inhibits the functional activity of wild type thyrotropin, follicle-stimulating hormone, luteinizing hormone receptors and activating thyrotropin receptor mutations by altering their expression in COS-7 cells. *J Endocrinol Invest.* 2007 Apr;30(4):279-84. PubMed PMID: 17556863.

212: Rago T, Di Coscio G, Ugolini C, Scutari M, Basolo F, Latrofa F, Romani R, Berti P, Grasso L, Braverman LE, Pinchera A, Vitti P. Clinical features of thyroid autoimmunity are associated with thyroiditis on histology and are not predictive of malignancy in 570 patients with indeterminate nodules on cytology who had a thyroidectomy. *Clin Endocrinol (Oxf).* 2007 Sep;67(3):363-9. Epub 2007 Jun 6. PubMed PMID: 17555501.

213: Ugolini C, Basolo F, Proietti A, Vitti P, Elisei R, Miccoli P, Toniolo A. Lymphocyte and immature dendritic cell infiltrates in differentiated, poorly differentiated, and undifferentiated thyroid carcinoma. *Thyroid.* 2007 May;17(5):389-93. PubMed PMID: 17542668.

214: Rago T, Santini F, Scutari M, Pinchera A, Vitti P. Elastography: new developments in ultrasound for predicting malignancy in thyroid nodules. *J Clin Endocrinol Metab.* 2007 Aug;92(8):2917-22. Epub 2007 May 29. PubMed PMID: 17535993.

215: Giannaccini G, Giusti L, Santini F, Marsili A, Betti L, Mascia G, Pelosini C, Baroni S, Ciregia F, Fabbrini L, Lucacchini A, Vitti P, Pinchera A. Tubby protein in human lymphocytes from normal weight and obese subjects. *Clin Biochem.* 2007 Jul;40(11):806-9. Epub 2007 Apr 19. PubMed PMID: 17498679.

216: Tonacchera M, Banco ME, Montanelli L, Di Cosmo C, Agretti P, De Marco G, Ferrarini E, Ordookhani A, Perri A, Chiovato L, Santini F, Vitti P, Pinchera A. Genetic analysis of the PAX8 gene in children with congenital hypothyroidism and dysgenetic or eutopic thyroid glands: identification of a novel sequence variant. *Clin Endocrinol (Oxf).* 2007 Jul;67(1):34-40. Epub 2007 Apr 15. PubMed PMID: 17437516.

217: Santini F, Giannetti M, Mazzeo S, Fierabracci P, Scartabelli G, Marsili A, Valeriano R, Pucci A, Anselmino M, Zampa V, Vitti P, Pinchera A. Ultrasonographic evaluation of liver volume and the metabolic syndrome in obese women. *J Endocrinol Invest.* 2007 Feb;30(2):104-10. PubMed PMID: 17392599.

218: Orio F Jr, Ferrarini E, Cascella T, Dimida A, Palomba S, Gianetti E, Colao A, Agretti P, Vitti P, Lombardi G, Pinchera A, Tonacchera M. Genetic analysis of the follicle stimulating hormone receptor gene in women with polycystic ovary syndrome. *J Endocrinol Invest.* 2006 Dec;29(11):975-82. PubMed PMID: 17259794.

219: Rago T, Di Coscio G, Basolo F, Scutari M, Elisei R, Berti P, Miccoli P, Romani R, Faviana P, Pinchera A, Vitti P. Combined clinical, thyroid ultrasound and cytological features help to predict thyroid malignancy in follicular and Hupsilonnrthle cell thyroid lesions: results from a series of 505 consecutive patients. *Clin Endocrinol (Oxf).* 2007 Jan;66(1):13-20. PubMed PMID: 17201796.

220: Rossi M, Dimida A, Dell'anno MT, Trincavelli ML, Agretti P, Giorgi F, Corsini GU, Pinchera A, Vitti P, Tonacchera M, Maggio R. The thyroid disruptor 1,1,1-trichloro-2,2-bis(p-chlorophenyl)-ethane appears to be an uncompetitive inverse agonist for the thyrotropin receptor. *J Pharmacol Exp Ther.* 2007 Jan;320(1):465-74. Epub 2006 Oct 24. PubMed PMID: 17062616.

221: Bogazzi F, Manetti L, Tomisti L, Rossi G, Cosci C, Sardella C, Bartalena L, Gasperi M, Macchia E, Vitti P, Martino E. Thyroid color flow Doppler sonography: an adjunctive tool for differentiating patients with inappropriate thyrotropin (TSH) secretion due to TSH-secreting pituitary adenoma or resistance to thyroid hormone. *Thyroid.* 2006 Oct;16(10):989-95. PubMed PMID: 17042684.

222: Di Cosmo C, Fanelli G, Tonacchera M, Ferrarini E, Dimida A, Agretti P, De Marco G, Vitti P, Pinchera A, Bevilacqua G, Naccarato AG, Viacava P. The sodium-iodide symporter expression in placental tissue at different gestational age: an immunohistochemical study. *Clin Endocrinol (Oxf).* 2006 Oct;65(4):544-8. PubMed PMID: 16984250.

223: Ceccarelli C, Canale D, Battisti P, Caglieresi C, Moschini C, Fiore E, Grasso L, Pinchera A, Vitti P. Testicular function after 131I therapy for hyperthyroidism. *Clin Endocrinol (Oxf).* 2006 Oct;65(4):446-52. PubMed PMID:

16984236.

224: Rago T, Bencivelli W, Scutari M, Di Cosmo C, Rizzo C, Berti P, Miccoli P, Pinchera A, Vitti P. The newly developed three-dimensional (3D) and two-dimensional (2D) thyroid ultrasound are strongly correlated, but 2D overestimates thyroid volume in the presence of nodules. *J Endocrinol Invest.* 2006 May;29(5):423-6. PubMed PMID: 16794365.

225: Club delle UEC-Associazione delle Unità di Endocrinochirurgia Italiane, Rosato L, Pinchera A, Bellastella A, De Antoni E, Martino E, Miccoli P, Pontecorvi A, Torre G, Vitti P, Pelizzo MR, Avenia N, Nasi PG, Bellantone R, Lampugnani R, De Palma M, Pezzullo L, Ardito G, De Toma G. [Diagnostic, therapeutic and healthcare management protocols in thyroid surgery. I consensus conference (UEC club)]. *Chir Ital.* 2006 Mar-Apr;58(2):141-50. Italian. PubMed PMID: 16734162.

226: Ribechini A, Bottici V, Chella A, Elisei R, Vitti P, Pinchera A, Ambrosino N. Interventional bronchoscopy in the treatment of tracheal obstruction secondary to advanced thyroid cancer. *J Endocrinol Invest.* 2006 Feb;29(2):131-5. PubMed PMID: 16610238.

227: Bogazzi F, Raggi F, Ultimieri F, Russo D, Cosci C, Cecchetti P, Dell'Unto E, Sardella C, Tonacchera M, Vitti P, Benzi L, Bartalena L, Martino E. Uptake of amiodarone by thyroidal and non-thyroidal cell lines. *J Endocrinol Invest.* 2006 Jan;29(1):61-6. PubMed PMID: 16553035.

228: Di Bello V, Santini F, Di Cori A, Pucci A, Palagi C, Delle Donne MG, Giannetti M, Talini E, Nardi C, Pedrizzetti G, Fierabracci P, Vitti P, Pinchera A, Balbarini A. Relationship between preclinical abnormalities of global and regional left ventricular function and insulin resistance in severe obesity: a Color Doppler Imaging Study. *Int J Obes (Lond).* 2006 Jun;30(6):948-56. PubMed PMID: 16446750.

229: Marinò M, Morabito E, Altea MA, Ambrogini E, Oliveri F, Brunetto MR, Pollina LE, Campani D, Vitti P, Bartalena L, Pincherl A, Marcocci C. Autoimmune hepatitis during intravenous glucocorticoid pulse therapy for Graves' ophthalmopathy treated successfully with glucocorticoids themselves. *J Endocrinol*

Invest. 2005 Mar;28(3):280-4. PubMed PMID: 15952415.

230: Agretti P, De Marco G, De Servi M, Marcocci C, Vitti P, Pinchera A, Tonacchera M. Evidence for protein and mRNA TSHr expression in fibroblasts from patients with thyroid-associated ophthalmopathy (TAO) after adipocytic differentiation. *Eur J Endocrinol.* 2005 May;152(5):777-84. PubMed PMID: 15879364.

231: Ceccarelli C, Bencivelli W, Vitti P, Grasso L, Pinchera A. Outcome of radioiodine-131 therapy in hyperfunctioning thyroid nodules: a 20 years' retrospective study. *Clin Endocrinol (Oxf).* 2005 Mar;62(3):331-5. PubMed PMID: 15730415.

232: Tonacchera M, Pinchera A, Dimida A, Ferrarini E, Agretti P, Vitti P, Santini F, Crump K, Gibbs J. Relative potencies and additivity of perchlorate, thiocyanate, nitrate, and iodide on the inhibition of radioactive iodide uptake by the human sodium iodide symporter. *Thyroid.* 2004 Dec;14(12):1012-9. PubMed PMID: 15650353.

233: Tonacchera M, Perri A, De Marco G, Agretti P, Banco ME, Di Cosmo C, Grasso L, Vitti P, Chiovato L, Pinchera A. Low prevalence of thyrotropin receptor mutations in a large series of subjects with sporadic and familial nonautoimmune subclinical hypothyroidism. *J Clin Endocrinol Metab.* 2004 Nov;89(11):5787-93. PubMed PMID: 15531543.

234: Cetani F, Ambrogini E, Faviana P, Vitti P, Berti P, Pinchera A, Marcocci C. Spontaneous short-term remission of primary hyperparathyroidism from infarction of a parathyroid adenoma. *J Endocrinol Invest.* 2004 Jul-Aug;27(7):687-90. PubMed PMID: 15505996.

235: Santini F, Pinchera A, Marsili A, Ceccarini G, Castagna MG, Valeriano R, Giannetti M, Taddei D, Centoni R, Scartabelli G, Rago T, Mammoli C, Elisei R, Vitti P. Lean body mass is a major determinant of levothyroxine dosage in the treatment of thyroid diseases. *J Clin Endocrinol Metab.* 2005 Jan;90(1):124-7. Epub 2004 Oct 13. PubMed PMID: 15483074.

236: Tonacchera M, Ferrarini E, Dimida A, Agretti P, De Marco G, De Servi M, Gianetti E, Chiovato L, Pucci E, Pra CD, Betterle C, Aghini-Lombardi F, Vitti P, Pinchera A. Gonadotrophin receptor blocking antibodies measured by the use of cell lines stably expressing human gonadotrophin receptors are not detectable in women with 46,XX premature ovarian failure. *Clin Endocrinol (Oxf)*. 2004 Sep;61(3):376-81. PubMed PMID: 15355455.

237: Tonacchera M, Banco M, Lapi P, Di Cosmo C, Perri A, Montanelli L, Moschini L, Gatti G, Gandini D, Massei A, Agretti P, De Marco G, Vitti P, Chiovato L, Pinchera A. Genetic analysis of TTF-2 gene in children with congenital hypothyroidism and cleft palate, congenital hypothyroidism, or isolated cleft palate. *Thyroid*. 2004 Aug;14(8):584-8. PubMed PMID: 15320969.

238: Tonacchera M, Viacava P, Fanelli G, Agretti P, De Marco G, De Servi M, Di Cosmo C, Chiovato L, Pinchera A, Vitti P. The sodium-iodide symporter protein is always present at a low expression and confined to the cell membrane in nonfunctioning nonadenomatous nodules of toxic nodular goitre. *Clin Endocrinol (Oxf)*. 2004 Jul;61(1):40-5. PubMed PMID: 15212643.

239: Chiellini C, Santini F, Marsili A, Berti P, Bertacca A, Pelosini C, Scartabelli G, Pardini E, López-Soriano J, Centoni R, Ciccarone AM, Benzi L, Vitti P, Del Prato S, Pinchera A, Maffei M. Serum haptoglobin: a novel marker of adiposity in humans. *J Clin Endocrinol Metab*. 2004 Jun;89(6):2678-83. PubMed PMID: 15181041.

240: Santini F, Marsili A, Mammoli C, Valeriano R, Scartabelli G, Pelosini C, Giannetti M, Centoni R, Vitti P, Pinchera A. Serum concentrations of adiponectin and leptin in patients with thyroid dysfunctions. *J Endocrinol Invest*. 2004 Feb;27(2):RC5-7. PubMed PMID: 15129802.

241: Tonacchera M, Ferrarini E, Dimida A, Agretti P, De Marco G, De Servi M, Chiovato L, Cetani F, Vitti P, Pinchera A. TSH receptor antibodies do not alter the function of gonadotropin receptors stably expressed in eukaryotic cells. *Eur J Endocrinol*. 2004 Mar;150(3):381-7. PubMed PMID: 15012625.

242: Santini F, Maffei M, Ceccarini G, Pelosini C, Scartabelli G, Rosellini V, Chiellini C, Marsili A, Lisi S, Tonacchera M, Agretti P, Chiovato L, Mammoli C, Vitti P, Pinchera A. Genetic screening for melanocortin-4 receptor mutations in a

cohort of Italian obese patients: description and functional characterization of a novel mutation. *J Clin Endocrinol Metab.* 2004 Feb;89(2):904-8. PubMed PMID: 14764812.

243: Tonacchera M, Perri A, De Marco G, Agretti P, Montanelli L, Banco ME, Corrias A, Bellone J, Tosi MT, Vitti P, Martino E, Pinchera A, Chiovato L. TSH receptor and Gs(alpha) genetic analysis in children with Down's syndrome and subclinical hypothyroidism. *J Endocrinol Invest.* 2003 Oct;26(10):997-1000. PubMed PMID: 14759073.

244: Santini F, Vitti P, Ceccarini G, Mammoli C, Rosellini V, Pelosini C, Marsili A, Tonacchera M, Agretti P, Santoni T, Chiovato L, Pinchera A. In vitro assay of thyroid disruptors affecting TSH-stimulated adenylate cyclase activity. *J Endocrinol Invest.* 2003 Oct;26(10):950-5. PubMed PMID: 14759065.

245: Lisi S, Pinchera A, McCluskey RT, Willnow TE, Refetoff S, Marcocci C, Vitti P, Menconi F, Grasso L, Luchetti F, Collins AB, Marino M. Preferential megalin-mediated transcytosis of low-hormonogenic thyroglobulin: a control mechanism for thyroid hormone release. *Proc Natl Acad Sci U S A.* 2003 Dec 9;100(25):14858-63. Epub 2003 Dec 1. PubMed PMID: 14657389; PubMed Central PMCID: PMC299828.

246: Vitti P, Rago T. Thyroid ultrasound as a predicator of thyroid disease. *J Endocrinol Invest.* 2003 Jul;26(7):686-9. Review. PubMed PMID: 14594124.

247: Tonacchera M, Agretti P, de Marco G, Elisei R, Perri A, Ambrogini E, De Servi M, Ceccarelli C, Viacava P, Refetoff S, Panunzi C, Bitti ML, Vitti P, Chiovato L, Pinchera A. Congenital hypothyroidism due to a new deletion in the sodium/iodide symporter protein. *Clin Endocrinol (Oxf).* 2003 Oct;59(4):500-6. PubMed PMID: 14510914.

248: Agretti P, De Marco G, Collecchi P, Chiovato L, Vitti P, Pinchera A, Tonacchera M. Proper targeting and activity of a nonfunctioning thyroid-stimulating hormone receptor (TSHr) combining an inactivating and activating TSHr mutation in one receptor. *Eur J Biochem.* 2003 Sep;270(18):3839-47. PubMed PMID: 12950268.

249: Santini F, Vitti P, Chiovato L, Ceccarini G, Macchia M, Montanelli L, Gatti G, Rosellini V, Mammoli C, Martino E, Chopra IJ, Safer JD, Braverman LE, Pinchera

A. Role for inner ring deiodination preventing transcutaneous passage of thyroxine. *J Clin Endocrinol Metab.* 2003 Jun;88(6):2825-30. PubMed PMID: 12788895.

250: Tonacchera M, Vitti P, De Servi M, Agretti P, De Marco G, Chiovato L, Pinchera A. Gain of function TSH receptor mutations and iodine deficiency: implications in iodine prophylaxis. *J Endocrinol Invest.* 2003;26(2 Suppl):2-6. Review. PubMed PMID: 12762632.

251: Luciani P, Buci L, Conforti B, Tonacchera M, Agretti P, Elisei R, Vivaldi A, Cioppi F, Biliotti G, Manca G, Vitti P, Serio M, Peri A. Expression of cAMP response element-binding protein and sodium iodide symporter in benign non-functioning and malignant thyroid tumours. *Eur J Endocrinol.* 2003 May;148(5):579-86. PubMed PMID: 12720543.

252: Vitti P, Delange F, Pinchera A, Zimmermann M, Dunn JT. Europe is iodine deficient. *Lancet.* 2003 Apr 5;361(9364):1226. PubMed PMID: 12686067.

253: Cavaliere R, Antonangeli L, Vitti P, Pinchera A, Aghini-Lombardi F. The aging thyroid in a mild to moderate iodine deficient area of Italy. *J Endocrinol Invest.* 2002;25(10 Suppl):66-8. PubMed PMID: 12508922.

254: Vitti P, Rago T, Tonacchera M, Pinchera A. Toxic multinodular goiter in the elderly. *J Endocrinol Invest.* 2002;25(10 Suppl):16-8. Review. PubMed PMID: 12508907.

255: Agretti P, Chiovato L, De Marco G, Marcocci C, Mazzi B, Sellari-Franceschini S, Vitti P, Pinchera A, Tonacchera M. Real-time PCR provides evidence for thyrotropin receptor mRNA expression in orbital as well as in extraorbital tissues. *Eur J Endocrinol.* 2002 Dec;147(6):733-9. PubMed PMID: 12457447.

256: Vitti P, Rago T. Thyroid volume in children: role of iodine intake. *J Endocrinol Invest.* 2002 Sep;25(8):666-7. Review. PubMed PMID: 12240895.

257: Romagnani P, Rotondi M, Lazzeri E, Lasagni L, Francalanci M, Buonamano A, Milani S, Vitti P, Chiovato L, Tonacchera M, Bellastella A, Serio M. Expression of IP-10/CXCL10 and MIG/CXCL9 in the thyroid and increased levels of IP-10/CXCL10 in the serum of patients with recent-onset Graves' disease. *Am J Pathol.* 2002 Jul;161(1):195-206. PubMed PMID: 12107104; PubMed Central PMCID: PMC1850693.

258: Peri A, Luciani P, Tonacchera M, Agretti P, Baglioni-Peri S, Buci L, Conforti B, Cioppi F, Biliotti G, Serio M, Vitti P, Chiovato L. Expression of cAMP-responsive element binding protein and inducible cAMP early repressor in hyperfunctioning thyroid adenomas. *Eur J Endocrinol.* 2002 Jun;146(6):759-66. PubMed PMID: 12039695.

259: Tonacchera M, Viacava P, Agretti P, de Marco G, Perri A, di Cosmo C, de Servi M, Miccoli P, Lippi F, Naccarato AG, Pinchera A, Chiovato L, Vitti P. Benign nonfunctioning thyroid adenomas are characterized by a defective targeting to cell membrane or a reduced expression of the sodium iodide symporter protein. *J Clin Endocrinol Metab.* 2002 Jan;87(1):352-7. PubMed PMID: 11788674.

260: Rago T, Chiovato L, Aghini-Lombardi F, Grasso L, Pinchera A, Vitti P. Non-palpable thyroid nodules in a borderline iodine-sufficient area: detection by ultrasonography and follow-up. *J Endocrinol Invest.* 2001 Nov;24(10):770-6. PubMed PMID: 11765046.

261: Rago T, Chiovato L, Grasso L, Pinchera A, Vitti P. Thyroid ultrasonography as a tool for detecting thyroid autoimmune diseases and predicting thyroid dysfunction in apparently healthy subjects. *J Endocrinol Invest.* 2001 Nov;24(10):763-9. PubMed PMID: 11765045.

262: Vitti P, Rago T, Aghini-Lombardi F, Pinchera A. Iodine deficiency disorders in Europe. *Public Health Nutr.* 2001 Apr;4(2B):529-35. Review. PubMed PMID: 11683547.

263: Tonacchera M, Agretti P, De Marco G, Perri A, Pinchera A, Vitti P, Chiovato

L. Thyroid resistance to TSH complicated by autoimmune thyroiditis. *J Clin Endocrinol Metab.* 2001 Sep;86(9):4543-6. PubMed PMID: 11549705.

264: Tonacchera M, Agretti P, Ceccarini G, Lenza R, Refetoff S, Santini F, Pinchera A, Chiovato L, Vitti P. Autoantibodies from patients with autoimmune thyroid disease do not interfere with the activity of the human iodide symporter gene stably transfected in CHO cells. *Eur J Endocrinol.* 2001 Jun;144(6):611-8. PubMed PMID: 11375795.

265: Lavard L, Perrild H, Jacobsen BB, Høier-Madsen M, Bendinelli G, Vitti P. Prevalence of thyroid peroxidase, thyroglobulin and thyrotropin receptor antibodies in a long-term follow-up of juvenile Graves disease. *Autoimmunity.* 2000 Oct;32(3):167-72. PubMed PMID: 11092696.

266: Tonacchera M, Agretti P, Rosellini V, Ceccarini G, Perri A, Zampolli M, Longhi R, Larizza D, Pinchera A, Vitti P, Chiovato L. Sporadic nonautoimmune congenital hyperthyroidism due to a strong activating mutation of the thyrotropin receptor gene. *Thyroid.* 2000 Oct;10(10):859-63. PubMed PMID: 11081252.

267: Tonacchera M, Agretti P, Chiovato L, Rosellini V, Ceccarini G, Perri A, Viacava P, Naccarato AG, Miccoli P, Pinchera A, Vitti P. Activating thyrotropin receptor mutations are present in nonadenomatous hyperfunctioning nodules of toxic or autonomous multinodular goiter. *J Clin Endocrinol Metab.* 2000 Jun;85(6):2270-4. PubMed PMID: 10852462.

268: Tonacchera M, Agretti P, Pinchera A, Rosellini V, Perri A, Collecchi P, Vitti P, Chiovato L. Congenital hypothyroidism with impaired thyroid response to thyrotropin (TSH) and absent circulating thyroglobulin: evidence for a new inactivating mutation of the TSH receptor gene. *J Clin Endocrinol Metab.* 2000 Mar;85(3):1001-8. PubMed PMID: 10720030.

269: Vitti P. Grey scale thyroid ultrasonography in the evaluation of patients with Graves' disease. *Eur J Endocrinol.* 2000 Jan;142(1):22-4. Review. PubMed PMID: 10633216.

270: Tonacchera M, Vitti P, Agretti P, Ceccarini G, Perri A, Cavaliere R, Mazzi B, Naccarato AG, Viacava P, Miccoli P, Pinchera A, Chiovato L. Functioning and

nonfunctioning thyroid adenomas involve different molecular pathogenetic mechanisms. *J Clin Endocrinol Metab.* 1999 Nov;84(11):4155-8. PubMed PMID: 10566665.

271: Vitti P, Rago T, Barbesino G, Chiovato L. Thyroiditis: clinical aspects and diagnostic imaging. *Rays.* 1999 Apr-Jun;24(2):301-14. Review. English, Italian. PubMed PMID: 10509132.

272: Maccherini D, Antonangeli L, Leoli F, Rago T, Vitti P, Aghini-Lombardi F. [Epidemiology of endemic goiter in Tuscany]. *Ann Ist Super Sanita.* 1998;34(3):395-7. Italian. PubMed PMID: 10052182.

273: Vitti P, Rago T, Aghini-Lombardi F, Pinchera A. [Efficacy and safety of iodine prophylaxis]. *Ann Ist Super Sanita.* 1998;34(3):357-61. Review. Italian. PubMed PMID: 10052174.

274: Montanelli L, Pinchera A, Santini F, Cavaliere R, Vitti P, Chiovato L. [Transient congenital hypothyroidism: physiopathology and clinica]. *Ann Ist Super Sanita.* 1998;34(3):321-9. Review. Italian. PubMed PMID: 10052169.

275: Aghini-Lombardi F, Antonangeli L, Vitti P. [Epidemiology of endemic goiter in Italy]. *Ann Ist Super Sanita.* 1998;34(3):311-4. Italian. PubMed PMID: 10052167.

276: Pinchera A, Rago T, Vitti P. [Physiopathology of iodine deficiency]. *Ann Ist Super Sanita.* 1998;34(3):301-5. Review. Italian. PubMed PMID: 10052165.

277: Aghini-Lombardi F, Antonangeli L, Martino E, Vitti P, Maccherini D, Leoli F, Rago T, Grasso L, Valeriano R, Balestrieri A, Pinchera A. The spectrum of thyroid disorders in an iodine-deficient community: the Pescopagano survey. *J Clin Endocrinol Metab.* 1999 Feb;84(2):561-6. PubMed PMID: 10022416.

278: Tonacchera M, Vitti P, Agretti P, Giulianetti B, Mazzi B, Cavaliere R, Ceccarini G, Fiore E, Viacava P, Naccarato A, Pinchera A, Chiovato L. Activating thyrotropin receptor mutations in histologically heterogeneous hyperfunctioning nodules of multinodular goiter. *Thyroid.* 1998 Jul;8(7):559-64. PubMed PMID:

9709907.

279: Tonacchera M, Chiovato L, Pinchera A, Agretti P, Fiore E, Cetani F, Rocchi R, Viacava P, Miccoli P, Vitti P. Hyperfunctioning thyroid nodules in toxic multinodular goiter share activating thyrotropin receptor mutations with solitary toxic adenoma. *J Clin Endocrinol Metab.* 1998 Feb;83(2):492-8. PubMed PMID: 9467563.

280: Rago T, Vitti P, Chiovato L, Mazzeo S, De Liperi A, Miccoli P, Viacava P, Bogazzi F, Martino E, Pinchera A. Role of conventional ultrasonography and color flow-doppler sonography in predicting malignancy in 'cold' thyroid nodules. *Eur J Endocrinol.* 1998 Jan;138(1):41-6. PubMed PMID: 9461314.

281: Chiovato L, Fiore E, Vitti P, Rocchi R, Rago T, Dokic D, Latrofa F, Mammoli C, Lippi F, Ceccarelli C, Pinchera A. Outcome of thyroid function in Graves' patients treated with radioiodine: role of thyroid-stimulating and thyrotropin-blocking antibodies and of radioiodine-induced thyroid damage. *J Clin Endocrinol Metab.* 1998 Jan;83(1):40-6. Erratum in: *J Clin Endocrinol Metab* 1998 Jun;83(6):2155. PubMed PMID: 9435414.

282: Bogazzi F, Bartalena L, Brogioni S, Mazzeo S, Vitti P, Burelli A, Bartolozzi C, Martino E. Color flow Doppler sonography rapidly differentiates type I and type II amiodarone-induced thyrotoxicosis. *Thyroid.* 1997 Aug;7(4):541-5. PubMed PMID: 9292940.

283: Vitti P, Rago T, Chiovato L, Pallini S, Santini F, Fiore E, Rocchi R, Martino E, Pinchera A. Clinical features of patients with Graves' disease undergoing remission after antithyroid drug treatment. *Thyroid.* 1997 Jun;7(3):369-75. PubMed PMID: 9226205.

284: Aghini-Lombardi F, Antonangeli L, Pinchera A, Leoli F, Rago T, Bartolomei AM, Vitti P. Effect of iodized salt on thyroid volume of children living in an area previously characterized by moderate iodine deficiency. *J Clin Endocrinol Metab.* 1997 Apr;82(4):1136-9. PubMed PMID: 9100585.

285: Delange F, Benker G, Caron P, Eber O, Ott W, Peter F, Podoba J, Simescu M, Szybinsky Z, Vertongen F, Vitti P, Wiersinga W, Zamrazil V. Thyroid volume and

urinary iodine in European schoolchildren: standardization of values for assessment of iodine deficiency. *Eur J Endocrinol*. 1997 Feb;136(2):180-7. PubMed PMID: 9116913.

286: Miccoli P, Vitti P, Rago T, Iacconi P, Bartalena L, Bogazzi F, Fiore E, Valeriano R, Chiovato L, Rocchi R, Pinchera A. Surgical treatment of Graves' disease: subtotal or total thyroidectomy? *Surgery*. 1996 Dec;120(6):1020-4; discussion 1024-5. PubMed PMID: 8957489.

287: Bogazzi F, Bartalena L, Vitti P, Rago T, Brogioni S, Martino E. Color flow Doppler sonography in thyrotoxicosis factitia. *J Endocrinol Invest*. 1996 Oct;19(9):603-6. PubMed PMID: 8957744.

288: Pinchera A, Aghini-Lombardi F, Antonangeli L, Vitti P. [Multinodular goiter. Epidemiology and prevention]. *Ann Ital Chir*. 1996 May-Jun;67(3):317-25. Review. Italian. PubMed PMID: 9019982.

289: Elisei R, Pinchera A, Chiovato L, Mammoli C, Agretti P, Romei C, Santini F, Bendinelli G, Fiore E, Capaccioli A, Vitti P. Transfection with the cDNA of the human thyrotropin receptor of a poorly differentiated rat thyroid cell line (FRT). *J Endocrinol Invest*. 1996 Apr;19(4):230-5. PubMed PMID: 8862503.

290: Vitti P, Chiovato L, Fiore E, Mammoli C, Rocchi R, Pinchera A. Use of cells expressing the human thyrotropin (TSH) receptor for the measurement of thyroid stimulating and TSH-blocking antibodies. *Acta Med Austriaca*. 1996;23(1-2):52-6. PubMed PMID: 8767515.

291: Vitti P, Rago T, Mazzeo S, Brogioni S, Lampis M, De Liperi A, Bartolozzi C, Pinchera A, Martino E. Thyroid blood flow evaluation by color-flow Doppler sonography distinguishes Graves' disease from Hashimoto's thyroiditis. *J Endocrinol Invest*. 1995 Dec;18(11):857-61. PubMed PMID: 8778158.

292: Benker G, Vitti P, Kahaly G, Raue F, Tegler L, Hirche H, Reinwein D. Response to methimazole in Graves' disease. The European Multicenter Study Group. *Clin Endocrinol (Oxf)*. 1995 Sep;43(3):257-63. PubMed PMID: 7586593.

293: Chiovato L, Vitti P, Bendinelli G, Santini F, Fiore E, Tonacchera M, Mammoli C, Capaccioli A, Venturi S, Pretell E, et al. Humoral thyroid autoimmunity is not involved in the pathogenesis of myxedematous endemic cretinism. *J Clin Endocrinol Metab.* 1995 May;80(5):1509-14. PubMed PMID: 7744994.

294: Santini F, Chiovato L, Lapi P, Lupetti M, Dolfi A, Bianchi F, Bernardini N, Bendinelli G, Mammoli C, Vitti P, et al. The location and the regulation of the type I-iodothyronine 5'-monodeiodinase (type I-MD) in the rat thyroid: studies using a specific anti-type I-MD antibody. *Mol Cell Endocrinol.* 1995 Apr 28;110(1-2):195-203. PubMed PMID: 7672449.

295: Martino E, Pacini F, Vitti P, Bartalena L. Percutaneous ethanol injection: what is its role in the management of nodular lesions of endocrine glands? *Eur J Endocrinol.* 1995 Mar;132(3):300-1. PubMed PMID: 7889178.

296: Bartalena L, Brogioni S, Grasso L, Rago T, Vitti P, Pinchera A, Martino E. Interleukin-6: a marker of thyroid-destructive processes? *J Clin Endocrinol Metab.* 1994 Nov;79(5):1424-7. PubMed PMID: 7962338.

297: Chiovato L, Vitti P, Bendinelli G, Santini F, Fiore E, Capaccioli A, Tonacchera M, Mammoli C, Ludgate M, Pinchera A. Detection of antibodies blocking thyrotropin effect using Chinese hamster ovary cells transfected with the cloned human TSH receptor. *J Endocrinol Invest.* 1994 Nov;17(10):809-16. PubMed PMID: 7699216.

298: Vitti P, Martino E, Aghini-Lombardi F, Rago T, Antonangeli L, Maccherini D, Nanni P, Loviselli A, Balestrieri A, Araneo G, et al. Thyroid volume measurement by ultrasound in children as a tool for the assessment of mild iodine deficiency. *J Clin Endocrinol Metab.* 1994 Aug;79(2):600-3. PubMed PMID: 8045982.

299: Vitti P, Lampis M, Piga M, Loviselli A, Brogioni S, Rago T, Pinchera A, Martino E. Diagnostic usefulness of thyroid ultrasonography in atrophic thyroiditis. *J Clin Ultrasound.* 1994 Jul-Aug;22(6):375-9. PubMed PMID: 8071455.

300: Chiovato L, Santini F, Vitti P, Bendinelli G, Pinchera A. Appearance of thyroid stimulating antibody and Graves' disease after radioiodine therapy for

toxic nodular goitre. *Clin Endocrinol (Oxf)*. 1994 Jun;40(6):803-6. PubMed PMID: 8033373.

301: Persani L, Asteria C, Tonacchera M, Vitti P, Krishna V, Chatterjee K, Beck-Peccoz P. Evidence for the secretion of thyrotropin with enhanced bioactivity in syndromes of thyroid hormone resistance. *J Clin Endocrinol Metab*. 1994 May;78(5):1034-9. PubMed PMID: 8175956.

302: Vitti P, Chiovato L, Tonacchera M, Bendinelli G, Mammoli C, Capaccioli A, Fiore E, Pretell E, Pinchera A. Failure to detect thyroid growth-promoting activity in immunoglobulin G of patients with endemic goiter. *J Clin Endocrinol Metab*. 1994 May;78(5):1020-5. PubMed PMID: 7909816.

303: Bartalena L, Vitti P, Pinchera A. Diagnosis of thyroid dysfunction: present and future. *Nucl Med Biol*. 1994 Apr;21(3):531-44. Review. PubMed PMID: 9234311.

304: Chiovato L, Lapi P, Santini F, Fiore E, Vitti P, Aghini-Lombardi F, Pinchera A. [Transient neonatal hypothyroidism and iodine deficiency]. *Ann Ist Super Sanita*. 1994;30(3):309-16. Review. Italian. PubMed PMID: 7879997.

305: Aghini-Lombardi F, Pinchera A, Antonangeli L, Rago T, Fenzi GF, Nanni P, Vitti P. Iodized salt prophylaxis of endemic goiter: an experience in Toscana (Italy). *Acta Endocrinol (Copenh)*. 1993 Dec;129(6):497-500. PubMed PMID: 8109181.

306: Persani L, Tonacchera M, Beck-Peccoz P, Vitti P, Mammoli C, Chiovato L, Elisei R, Faglia G, Ludgate M, Vassart G, et al. Measurement of cAMP accumulation in Chinese hamster ovary cells transfected with the recombinant human TSH receptor (CHO-R): a new bioassay for human thyrotropin. *J Endocrinol Invest*. 1993 Jul-Aug;16(7):511-9. PubMed PMID: 8227980.

307: Vitti P, Elisei R, Tonacchera M, Chiovato L, Mancusi F, Rago T, Mammoli C, Ludgate M, Vassart G, Pinchera A. Detection of thyroid-stimulating antibody using Chinese hamster ovary cells transfected with cloned human thyrotropin receptor. *J Clin Endocrinol Metab*. 1993 Feb;76(2):499-503. PubMed PMID: 8094393.

308: Vitti P, Chiovato L, Tonacchera M, Bendinelli G, Mammoli C, Capaccioli A, Giachetti M, Pinchera A. Use of FRTL-5 for the study of thyroid antibodies involved in goitrogenesis. *Thyroidology*. 1992 Apr;4(1):49-51. PubMed PMID: 1284334.

309: Vitti P, Rago T, Mancusi F, Pallini S, Tonacchera M, Santini F, Chiovato L, Marcocci C, Pinchera A. Thyroid hypoechogenic pattern at ultrasonography as a tool for predicting recurrence of hyperthyroidism after medical treatment in patients with Graves' disease. *Acta Endocrinol (Copenh)*. 1992 Feb;126(2):128-31. PubMed PMID: 1543017.

310: Chiovato L, Tonacchera M, Lapi P, Fiore E, Vitti P, Pinchera A. Thyroid autoimmunity and neuropsychological development. *Acta Med Austriaca*. 1992;19 Suppl 1:91-5. Review. PubMed PMID: 1519465.

311: Beck-Peccoz P, Cortelazzi D, Persani L, Papandreou MJ, Asteria C, Borgato S, Preziati D, Tonacchera M, Vitti P, Baggiani AM, et al. Maturation of pituitary-thyroid function in the anencephalic fetus. *Acta Med Austriaca*. 1992;19 Suppl 1:72-6. PubMed PMID: 1519459.

312: Vitti P, Aghini Lombardi F, Antonangeli L, Rago T, Chiovato L, Pinchera A, Marcheschi M, Bargagna S, Bertuccelli B, Ferretti G, et al. Mild iodine deficiency in fetal/neonatal life and neuropsychological performances. *Acta Med Austriaca*. 1992;19 Suppl 1:57-9. PubMed PMID: 1519455.

313: Marcocci C, Vitti P, Cetani F, Catalano F, Concetti R, Pinchera A. Thyroid ultrasonography helps to identify patients with diffuse lymphocytic thyroiditis who are prone to develop hypothyroidism. *J Clin Endocrinol Metab*. 1991 Jan;72(1):209-13. PubMed PMID: 1986019.

314: Chiovato L, Vitti P, Santini F, Lopez G, Mammoli C, Bassi P, Giusti L, Tonacchera M, Fenzi G, Pinchera A. Incidence of antibodies blocking thyrotropin effect in vitro in patients with euthyroid or hypothyroid autoimmune thyroiditis. *J Clin Endocrinol Metab*. 1990 Jul;71(1):40-5. PubMed PMID: 2164529.

315: Vitti P, Mariotti S, Marcocci C, Chiovato L, Giachetti M, Fenzi G, Pinchera

A. Thyroid autoimmunity and thyroid autonomy. *Acta Med Austriaca*. 1990;17 Suppl 1:90-2. Review. PubMed PMID: 2202187.

316: Chiovato L, Vitti P, Cucchi P, Mammoli C, Carajon P, Pinchera A. The expression of the microsomal/peroxidase autoantigen in human thyroid cells is thyrotrophin-dependent. *Clin Exp Immunol*. 1989 Apr;76(1):47-53. PubMed PMID: 2661062; PubMed Central PMCID: PMC1541732.

317: Marcocci C, Vitti P, Lopez G, Santini F, Mammoli C, Fenzi GF, Pinchera A. Simultaneous assay of thyroid adenylate cyclase- and growth-stimulating antibodies using FRTL-5 cells. Evidence suggesting their identity in patients with Graves' disease. *Clin Endocrinol (Oxf)*. 1989 Feb;30(2):109-19. PubMed PMID: 2575468.

318: Pinchera A, Mariotti S, Vitti P, Marcocci C, Chiovato L, Fenzi G, Santini F. Thyroid autoantigens and their relevance in the pathogenesis of thyroid autoimmunity. *Biochimie*. 1989 Feb;71(2):237-45. PubMed PMID: 2495824.

319: Mariotti S, Chiovato L, Vitti P, Marcocci C, Fenzi GF, Del Prete GF, Tiri A, Romagnani S, Ricci M, Pinchera A. Recent advances in the understanding of humoral and cellular mechanisms implicated in thyroid autoimmune disorders. *Clin Immunol Immunopathol*. 1989 Jan;50(1 Pt 2):S73-84. Review. PubMed PMID: 2642770.

320: Chiovato L, Vitti P, Lombardi A, Ceccarelli P, Cucchi P, Marcocci C, Carayon P, Pinchera A. Studies on the mechanism responsible for thyrotropin-induced expression of microsomal/peroxidase antigen in FRTL-5 cells. *Endocrinology*. 1988 Aug;123(2):1140-6. PubMed PMID: 2456200.

321: Fenzi GF, Vitti P, Marcocci C, Chiovato L, Macchia E, Mariotti S, Pinchera A. [Current findings in thyroid autoimmunity]. *Rev Med Liege*. 1988 May 15;43(10):378-85. Review. French. PubMed PMID: 3041521.

322: Vitti P, Chiovato L, Lopez G, Lombardi A, Santini F, Mammoli C, Bassi P, Gryczynska M, Schipani E, Tosti-Balducci M, et al. Measurement of TSAAb directly in serum using FRTL-5 cells. *J Endocrinol Invest*. 1988 Apr;11(4):313-7. PubMed PMID: 2900851.

323: Pinchera A, Mariotti S, Vitti P, Chiovato L, Marcocci C, Carayon P. Recent progress in the study of thyroid autoantigens. *Ann Ital Med Int.* 1988;3 Suppl 1:60-6. PubMed PMID: 2908617.

324: Chiovato L, Vitti P, Lombardi A, Lopez G, Santini F, Macchia E, Fenzi GF, Mammoli C, Battiato S, Pinchera A. Detection and characterization of autoantibodies blocking the TSH-dependent cAMP production using FRTL-5 cells. *J Endocrinol Invest.* 1987 Aug;10(4):383-8. PubMed PMID: 2824596.

325: Bartalena L, Fenzi G, Vitti P, Tombaccini D, Antonelli A, Macchia E, Chiovato L, Kohn LD, Pinchera A. Interaction of the thyrotropin receptor on rat FRTL-5 thyroid cells with thyrotropin and a thyrotropin-stimulating autoantibody from Graves' patients. *Biochem Biophys Res Commun.* 1987 Feb 27;143(1):266-72. PubMed PMID: 3827921.

326: Pinchera A, Mariotti S, Chiovato L, Vitti P, Lopez G, Lombardi A, Anelli S, Bechi R, Carayon P. Cellular localization of the microsomal antigen and the thyroid peroxidase antigen. *Acta Endocrinol Suppl (Copenh).* 1987;281:57-62. PubMed PMID: 3475922.

327: Vitti P, Chiovato L, Lombardi A, Lopez G, Mammoli C, Santini F, Fenzi GF, Pinchera A. Sera of patients with idiopathic myxedema contain IgG which block TSH-stimulated thyroid adenylate cyclase. *Acta Endocrinol Suppl (Copenh).* 1987;281:348-51. PubMed PMID: 3475916.

328: Vitti P, Chiovato L, Ceccarelli P, Lombardi A, Novaes M Jr, Fenzi GF, Pinchera A. Thyroid-stimulating antibody mimics thyrotropin in its ability to desensitize the adenosine 3',5'-monophosphate response to acute stimulation in continuously cultured rat thyroid cells (FRT-L5). *J Clin Endocrinol Metab.* 1986 Aug;63(2):454-8. PubMed PMID: 2873148.

329: Martino E, Grasso S, Bambini G, Pardo G, Vitti P, Aghini-Lombardi F, Pinchera A. Ontogenetic development of pancreatic thyrotropin-releasing hormone in human foetuses and in infants. *Acta Endocrinol (Copenh).* 1986 Jul;112(3):372-6. PubMed PMID: 3092527.

330: Fenzi GF, Giani C, Ceccarelli P, Bartalena L, Macchia E, Aghini-Lombardi F, Vitti P, Lari R, Ceccarelli C, Baschieri L, et al. Role of autoimmune and familial factors in goiter prevalence. Studies performed in a moderately endemic area. *J Endocrinol Invest*. 1986 Apr;9(2):161-4. PubMed PMID: 3711602.

331: Ambrosino N, Pacini F, Paggiaro PL, Martino E, Contini V, Turini L, Tarchi M, Vitti P, Bramanti M, Pinchera A. Impaired ventilatory drive in short-term primary hypothyroidism and its reversal by L-triiodothyronine. *J Endocrinol Invest*. 1985 Dec;8(6):533-6. PubMed PMID: 3833897.

332: Chiovato L, Vitti P, Lombardi A, Kohn LD, Pinchera A. Expression of the microsomal antigen on the surface of continuously cultured rat thyroid cells is modulated by thyrotropin. *J Clin Endocrinol Metab*. 1985 Jul;61(1):12-6. PubMed PMID: 3889033.

333: Valente WA, Vitti P, Rotella CM, Vaughan MM, Aloj SM, Grollman EF, Ambesi-Impiombato FS, Kohn LD. Antibodies that promote thyroid growth. A distinct population of thyroid-stimulating autoantibodies. *N Engl J Med*. 1983 Oct 27;309(17):1028-34. PubMed PMID: 6137770.

334: Vitti P, Rotella CM, Valente WA, Cohen J, Aloj SM, Laccetti P, Ambesi-Impiombato FS, Grollman EF, Pinchera A, Toccafondi R, Kohn LD. Characterization of the optimal stimulatory effects of graves' monoclonal and serum immunoglobulin G on adenosine 3',5'-monophosphate production in fRTL-5 thyroid cells: a potential clinical assay. *J Clin Endocrinol Metab*. 1983 Oct;57(4):782-91. PubMed PMID: 6136523.

335: Valente WA, Vitti P, Kohn LD, Brandi ML, Rotella CM, Toccafondi R, Tramontano D, Aloj SM, Ambesi-Impiombato FS. The relationship of growth and adenylate cyclase activity in cultured thyroid cells: separate bioeffects of thyrotropin. *Endocrinology*. 1983 Jan;112(1):71-9. PubMed PMID: 6291924.

336: Pinchera A, Fenzi GF, Macchia E, Vitti P, Monzani F, Kohn LD. [Thyroid-stimulating immunoglobulins. The related antigens]. *Ann Endocrinol (Paris)*. 1982 Dec;43(6):520-33. French. PubMed PMID: 6134493.

337: Valente WA, Vitti P, Yavin Z, Yavin E, Rotella CM, Grollman EF, Toccafondi

RS, Kohn LD. Monoclonal antibodies to the thyrotropin receptor: stimulating and blocking antibodies derived from the lymphocytes of patients with Graves disease. *Proc Natl Acad Sci U S A*. 1982 Nov;79(21):6680-4. PubMed PMID: 6292912; PubMed  
Central PMCID: PMC347192.

338: Vitti P, Valente WA, Ambesi-Impiombato FS, Fenzi GF, Pinchera A, Kohn LD. Graves' IgG stimulation of continuously cultured rat thyroid cells: a sensitive and potentially useful clinical assay. *J Endocrinol Invest*. 1982 May-Jun;5(3):179-82. PubMed PMID: 6286749.

339: Vitti P, De Wolf MJ, Acquaviva AM, Epstein M, Kohn LD. Thyrotropin stimulation of the ADP-ribosyltransferase activity of bovine thyroid membranes. *Proc Natl Acad Sci U S A*. 1982 Mar;79(5):1525-9. PubMed PMID: 6280188; PubMed  
Central PMCID: PMC346007.

340: Kohn LD, Aloj SM, Beguinot F, Vitti P, Yavin E, Yavin Z, Laccetti P, Grollman EF, Valente WA. Molecular interactions at the cell surface: role of glycoconjugates and membrane lipids in receptor recognition processes. *Prog Clin Biol Res*. 1982;97:55-83. PubMed PMID: 6296882.

341: De Wolf MJ, Vitti P, Ambesi-Impiombato FS, Kohn LD. Thyroid membrane ADP ribosyltransferase activity. Stimulation by thyrotropin and activity in functioning and nonfunctioning rat thyroid cells in culture. *J Biol Chem*. 1981 Dec 10;256(23):12287-96. PubMed PMID: 6271780.

342: Macchia E, Fenzi GF, Monzani F, Lippi F, Vitti P, Grasso L, Bartalena L, Baschieri L, Pinchera A. Comparison between thyroid stimulating and tsh-binding inhibiting immunoglobulins of Graves' disease. *Clin Endocrinol (Oxf)*. 1981 Aug;15(2):175-82. PubMed PMID: 6118213.

343: Pingitore R, Vitti P, Doveri F. [Oxyphil metaplasia (Hürthle cells) and a fibrous variant of Hashimoto's thyroiditis]. *Pathologica*. 1980 Nov-Dec;72(1022):841-5. Italian. PubMed PMID: 6895248.

344: Mariotti S, Pinchera A, Marcocci C, Vitti P, Urbano C, Chiovato L, Tosi M, Baschieri L. Solubilization of human thyroid microsomal antigen. *J Clin Endocrinol Metab*. 1979 Feb;48(2):207-12. PubMed PMID: 429474.

345: Mariotti S, Pinchera A, Vitti P, Chiovato L, Marcocci C, Urbano C, Tosi M, Baschieri L. Comparison of radioassay and haemagglutination methods for

anti-thyroid microsomal antibodies. *Clin Exp Immunol.* 1978 Oct;34(1):118-25.  
PubMed PMID: 582027; PubMed Central PMCID: PMC1537458.

346: Pinchera A, Mariotti S, Vitti P, Tosi M, Grasso L, Pacini F, Buti R, Baschieri L. Interference of serum thyroglobulin in the radioassay for serum antithyroglobulin antibodies. *J Clin Endocrinol Metab.* 1977 Nov;45(5):1077-88.  
PubMed PMID: 579182.