

Curriculum Dell'Attività Scientifica, Didattica e Clinico-Assistenziale del Prof. Mario Rotondi

Istruzione Universitaria:

1986-1992: **Laurea in Medicina e Chirurgia** conseguita il 27 Ottobre 1992, presso l'Università Federico II di Napoli con il massimo dei voti e lode.

1992-1998: **Specializzazione in Endocrinologia e Malattie del Ricambio** conseguita con il massimo dei voti e lode, il 29 Ottobre 1998, presso la Scuola della II Università degli Studi di Napoli diretta dal Prof. Antonio Bellastella.

1999-2003: **Dottorato di ricerca in Scienze Endocrinologiche e Metaboliche** presso l'Università degli Studi di Napoli "Federico II" conseguendo il titolo di dottore di ricerca in data 14 Febbraio 2003. Nel periodo 2000-02 nell'ambito di un progetto di collaborazione di ricerca sulla patologia autoimmune tiroidea svolge l'attività di dottorando presso il Dipartimento di Fisiopatologia Clinica, Unità di Endocrinologia, dell'Università di Firenze sotto la guida del Prof. Mario Serio.

Posizione Universitaria:

04/06/2003 – 2007 Vincitore del concorso per il conferimento dell' assegno di ricerca "Effetti immunosoppressivi degli agonisti del PPAR- γ (glitazonici)". Svolge l'attività di assegnista di ricerca presso il Dipartimento di Fisiopatologia Clinica, Unità di Endocrinologia dell'Università degli Studi di Firenze sotto la guida del Prof. Maro Serio.

01/03/2005–06/2007 - Svolge la propria attività di assegnista presso la Cattedra di Endocrinologia dell'Università degli Studi di Pavia, Reparto di Medicina Interna ed Endocrinologia della "Fondazione Salvatore Maugeri I.R.C.C.S.", sotto la Guida del Prof. Luca Chiovato.

2007 - Cultore della materia nel settore scientifico disciplinare Med-13 "Endocrinologia" presso la Facoltà di Medicina e Chirurgia dell'Università degli Studi di Pavia.

2008 – Vincitore di Concorso per Ricercatore nel settore scientifico disciplinare Med-13 "Endocrinologia" presso la Facoltà di Medicina e Chirurgia dell'Università degli Studi di Pavia.

15/10/2014 - Professore Associato di Endocrinologia, Università degli Studi di Pavia.

8/2/2019 Direttore della Scuola di Specializzazione in Endocrinologia e Malattie del Metabolismo; Università degli Studi di Pavia.

Incarichi Precedenti

15/01/2003 – 15/07/2003 Assegnatario di un incarico di collaborazione coordinata e continuativa nell'ambito del progetto di ricerca "Chemochine ed autoimmunità ghiandolare" presso il Dipartimento di Fisiopatologia Clinica, Unità di Endocrinologia dell'Università degli Studi di Firenze.

01/06/2007 – 01/04/2008 Assegnatario di un incarico di collaborazione coordinata e continuativa nell'ambito del progetto di ricerca "Livelli sierici di CXCL10 nella malattia di Graves' e nell'oftalmopatia: validazione di un nuovo marker prognostico e di attività della malattia" presso il Dipartimento di Medicina Interna e Terapia Medica dell'Università degli Studi di Pavia.

Posizione Attuale:

Professore Associato MED 13 (Endocrinologia) – Università degli Studi di Pavia

Direttore della Scuola di Specializzazione in Endocrinologia e Malattie del Metabolismo; Università degli Studi di Pavia.

Attività assistenziale

Ha svolto continuamente attività assistenziale dal 1992 (anno dell'ingresso in Scuola di Specializzazione) in ambito Endocrinologico-Metabolico. In particolare, l'attività assistenziale è stata svolta nei Reparti e negli Ambulatori di Endocrinologia di Napoli (Policlinico Universitario), di Firenze (Azienda Ospedaliera Careggi) e Pavia (ICS Maugeri). L'attività assistenziale, non endocrinologica, di Pronto Soccorso e di Reparto, è stata svolta presso l'Infermeria del Comando Aeroporto di Brindisi, quale Ufficiale Medico dell'Aeronautica Militare durante l'anno 1997 e presso l'Unità di Medicina Interna ed Endocrinologia della ICS-Maugeri di Pavia dal 2006 a tuttoggi.

Attività didattica

- Titolare dell'insegnamento del modulo del corso integrato di Malattie del Metabolismo della Facoltà di Medicina e Chirurgia (corso Harvey) dell'Università di Pavia.
- Titolare dell'insegnamento del modulo del Corso integrato di Endocrinologia della Facoltà di Medicina e Chirurgia (Corso Harvey) dell'Università di Pavia.
- Titolare dell'insegnamento di Endocrinologia del corso di laurea in Dietistica dell'Università di Pavia.
- Corso di Endocrinologia nelle Scuole di Specializzazione in Endocrinologia e Malattie del Metabolismo, Geriatria, Scienze dell'Alimentazione dell'Università di Pavia.
- Ciclo di lezioni alla Scuola di Specializzazione in Endocrinologia e Malattie del Metabolismo dell'Università di Firenze, Varese, Brescia, Padova.

Attività Scientifica

Linee di ricerca principali:

Ricerca clinica: fisiopatologia e clinica delle malattie tiroidee con particolare riguardo alle tireopatie autoimmuni e loro ripercussioni in gravidanza ed all'obesità.

Ricerca traslazionale: Ruolo delle chemochine nelle patologie endocrine autoimmuni, e nel microambiente infiammatorio dei tumori della tiroide. Effetto distruttore tiroideo dei composti perfluorati.

Dal 2005 svolge attività di ricerca presso il Laboratorio per lo Studio dei Distruttori Endocrini (ICS-Maugeri, Pavia) diretto dal Prof. Luca Chiovato.

Pubblicazioni:

E' autore di 195 lavori su riviste internazionali peer-reviewed indicizzate su Pub Med/Medline; (Impact Factor totale: 1135.18) Impact Factor medio: 5.82 H index 49 (Scopus); Citazioni Totali: 7497 (Scopus)

Capitoli di Libri:

E' co-autore dei seguenti capitoli di Testi Internazionali:

- 1) Carbone A, Rotondi M, Chiovato L (2019). Chronic Autoimmune Thyroiditis. In: M. Luster, LH Duntas, L Wartofsky. The Thyroid and its Diseases. p 379-398, Springer Nature Switzerland.
- 2) Chiovato L, Magri F, Rotondi M (2012). Toxic Diffuse Goiter (Basedow-Graves' Disease). In: F. Monaco. Thyroid Diseases. p. 285-316, Boca Raton FL: CRC Press, Taylor & Francis Group.
- 3) Rotondi M, Chiovato L (2011). An unusual therapeutic approach to a large thyroid nodule. In: Wartofsky L. In Diagnostic dilemmas- Images in endocrinology. p. 156-159, Chevy Chase, Maryland: The Endocrine Society.

Attività di ricerca svolta all'estero

dal 10/96 al 10/97 Frequenta in qualità di “medicine étranger”, facente parte di un progetto di collaborazione di ricerca, il Laboratoire des Hormones Proteiques dell' Hopital de La Timone Université d'Aix-Marseille sotto la guida del Prof. P. Carayon.

Collaborazioni internazionali

- Dal 1999 collabora con il Professor Daniel Glinier (Université Libre de Bruxelles) con interesse particolare alle problematiche della fisiopatologia tiroidea in gravidanza.
- Dal 2009 collabora con il Dr. Antonio Oliviero (FENNSI Group, Hospital Nacional de Paraplégicos, SESCAM, Toledo, Spain) con interesse particolare alle problematiche delle interrelazioni tra patologia tiroidea e neurologica.
- Dal 2021 collabora con il Dr. Pierpaolo Trimboli (Clinic for Endocrinology and Diabetology, Lugano Regional Hospital, Ente Ospedaliero Cantonale; Faculty of Biomedical Sciences, Università della Svizzera Italiana (USI), Lugano, Switzerland.) con interesse particolare alle problematiche delle interrelazioni tra patologia tiroidea ed infezione da Sars-CoV-2.

Partecipazione a congressi ed attività correlate

Ha partecipato in qualità di relatore a numerosi congressi nazionali ed internazionali. In particolare nell'anno 2008 è presente come “Invited Speaker” al congresso dell' Endocrine Society con una relazione sul ruolo delle chemochine interferon- γ inducibili nelle patologie endocrine autoimmuni. Nel 2016 è “Invited Speaker” al 15th International Thyroid Congress, Orlando con una relazione sulla “Utilità clinica del dosaggio degli anticorpi anti-tiroide nella tiroidite di Hashimoto”.

Più di 100 abstract e comunicazioni a convegni nazionali e internazionali.

Svolge attività di referee per numerose riviste internazionali endocrinologiche e non endocrinologiche.

E' stato Membro della Commissione di Aggiornamento Clinico-Scientifico della Società Italiana di Endocrinologia.

E' attualmente Membro della Commissione Scientifica della Società Italiana di Endocrinologia.

E' attualmente Membro della Commissione Scientifica della Associazione Italiana della Tiroide.

E' iscritto alla Società Italiana di Endocrinologia.

E' iscritto alla Associazione Italiana della Tiroide.

E' revisore di Progetti di Ricerca Internazionali: MRC United Kingdom; Puerto Rico Science, Technology and Research Trust; Health Research Programme, Horizon Europe and Horizon 2020

Esperienza Editoriale

Associate Editor della rivista Scientific Report

Associate Editor della rivista Frontiers in Endocrinology

Associate Editor della rivista International Journal of Endocrinology

Membro dell'Editorial Board della rivista Journal of Endocrinological Investigation

Premi di Ricerca 2008 Premio di Studio di Ricerca sul tema “Ruolo della microinfiammazione nell'obesità” presso l'Unità di Medicina Interna ed Endocrinologia della “Fondazione S. Maugeri” I.R.C.C.S., Istituto di Pavia.

Progetti di Ricerca Finanziati Nazionali

Responsabile di Unità Operativa del progetto di Ricerca Finalizzata 2011-2014 RF-2010-2314291 “Building a state of the art whole room indirect calorimeter, a tool to accurately investigate the role of energy expenditure and substrate oxidation in endocrine and metabolic disorders”.

Progetti di Ricerca Finanziati Internazionali

Responsabile di Unità Operativa del Progetto di Ricerca “Projecto de investigación “Espermatogenesis en pacientes con lesión medular traumática aguda” presentado dall' Hospital Nacional de Paraplégicos” di Toledo (Spagna) in collaborazione con la Fondazione Salvatore Maugeri, (Pavia, Italia), l'Hospital Virgen de la Salud (Toledo, Spagna) e la Universidad de la Laguna (Tenerife, Spagna) per gli anni 2007-2009, il cui Investigatore principale è il Dott. Antonio Sánchez Ramos.

Brevetti

E' titolare dei seguenti brevetti:

1. Diagnostic Method For The Forecasting Of Transplanted Organ Loosing

Publication number: 20080009023; Publication date: January 10, 2008;

Inventors: Paola Romagnani, **Mario Rotondi**, Mario Serio

2. Use of CB1 antagonists and/or inverse agonists for the preparation of drugs that increase motor neuron excitability

Publication number: 20120015945; Publication date: January 19, 2012

Inventors: Antonio Oliviero, Juan de los Reyes Aguilar Lepe, **Mario Rotondi**, Eduardo Molina Holgado, Luca Chiovato, Guglielmo Foffani, Laura Mordillo Mateos, Ángel Lozano Sicilia, Daniel García Ovejero, Ángel Arévalo Martín, Yolanda Pérez Borrego

Lingue straniere conosciute:

Inglese: Conoscenza ottima

Francese: Conoscenza buona

ELENCO PUBBLICAZIONI SU RIVISTE INTERNAZIONALI PEER REVIEWED CON IMPACT FACTOR

1. Carella C, Amato G, Biondi B, **Rotondi M**, Morisco F, Tuccillo C, Chiuchiolo N, Signoriello G, Caporaso N, Lombardi G. Longitudinal study of antibodies against thyroid in patients undergoing interferon-alpha therapy for HCV chronic hepatitis. **Horm Res.** 1995;44(3):110-4.
2. Paolisso G, Ammendola S, **Rotondi M**, Gambardella A, Rizzo MR, Mazziotti G, Tagliamonte MR, Carella C, Varricchio M. Insulin resistance and advancing age: what role for dehydroepiandrosterone sulfate? **Metabolism.** 1997 Nov;46(11):1281-6.
3. Paolisso G, Rizzo MR, Mazziotti G, Tagliamonte MR, Gambardella A, **Rotondi M**, Carella C, Giugliano D, Varricchio M, D'Onofrio F. Advancing age and insulin resistance: role of plasma tumor necrosis factor-alpha. **Am J Physiol.** 1998 Aug;275(2 Pt 1):E294-9.
4. Mone CM, Nigro V, **Rotondi M**, Del Buono A, Mazziotti G, Riondino M, Sinisi AM, Ghizzoni L, Phillips JA 3rd, Bellastella A, Carella C. An improved polymerase chain reaction (PCR) protocol for unambiguous detection of growth hormone gene deletions. **J Pediatr Endocrinol Metab.** 1998 Jul-Aug;11(4):563-8.
5. **Rotondi M**, Oliviero A, Profice P, Mone CM, Biondi B, Del Buono A, Mazziotti G, Sinisi AM, Bellastella A, Carella C. Occurrence of thyroid autoimmunity and dysfunction throughout a nine-month follow-up in patients undergoing interferon-beta therapy for multiple sclerosis. **J Endocrinol Invest.** 1998 Dec;21(11):748-52.
6. Paolisso G, Tagliamonte MR, Rizzo MR, **Rotondi M**, Gualdiero P, Gambardella A, Barbieri M, Carella C, Giugliano D, Varricchio M. Mean arterial blood pressure and serum levels of the molar ratio of insulin-like growth factor-1 to its binding protein-3 in healthy centenarians. **J Hypertens.** 1999 Jan;17(1):67-73.
7. Paolisso G, Rizzo MR, Mazziotti G, **Rotondi M**, Tagliamonte MR, Varricchio G, Carella C, Varricchio M. Lack of association between changes in plasma leptin concentration and in food intake during the menstrual cycle. **Eur J Clin Invest.** 1999 Jun;29(6):490-5.
8. Carella C, **Rotondi M**, Del Buono A, Sinisi AM, Del Basso De Caro ML, Mone CM, Vizioli L, Sorvillo F, Mazziotti G, Bellastella A. Diabetes insipidus and increased serum levels of leptin and lactate-dehydrogenase (LDH) in an adolescent boy with a primary intracranial germinoma. Case report and an endocrinological revaluation of literature. **J Endocrinol Invest.** 1999 Jul-Aug;22(7):558-61.
9. **Rotondi M**, Caccavale C, Di Serio C, Del Buono A, Sorvillo F, Glinioer D, Bellastella A, Carella C. Successful outcome of pregnancy in a thyroidectomized-parathyroidectomized young woman affected by severe hypothyroidism. **Thyroid.** 1999 Oct;9(10):1037-40.
10. Estienne V, Duthoit C, Costanzo VD, Lejeune PJ, **Rotondi M**, Kornfeld S, Finke R, Lazarus JH, Feldt-Rasmussen U, Franke WG, Smyth P, D'Herbomez M, Conte-Devolx B, Persani L, Carella C, Jourdain JR, Izembart M, Toubert ME, Pinchera A, Weetman A, Sapin R, Carayon P, Ruf J. Multicenter study on TGPO autoantibody prevalence in various thyroid

and non-thyroid diseases; relationships with thyroglobulin and thyroperoxidase autoantibody parameters. **Eur J Endocrinol**. 1999 Dec;141(6):563-9.

11. Amato G, **Rotondi M**, Salzano I, De Bellis A, De Felice G, Costagliola C, Bellastella A, Carella C. Extraocular muscle antibodies positivity as the only serum marker of euthyroid Graves' ophthalmopathy following subacute thyroiditis: case report. **J Clin Endocrinol Metab**. 2000 Mar;85(3):950-2.
12. **Rotondi M**, Mazziotti G, Biondi B, Manganella G, Del Buono AD, Montella P, di Cristofaro M, Di Iorio G, Amato G, Carella C. Long-term treatment with interferon-beta therapy for multiple sclerosis and occurrence of Graves' disease. **J Endocrinol Invest**. 2000 May;23(5):321-4.
13. Amato G, Mazziotti G, Di Somma C, Lalli E, De Felice G, Conte M, **Rotondi M**, Pietrosante M, Lombardi G, Bellastella A, Carella C, Colao A. Recombinant growth hormone (GH) therapy in GH-deficient adults: a long-term controlled study on daily versus thrice weekly injections. **J Clin Endocrinol Metab**. 2000 Oct;85(10):3720-5.
14. **Rotondi M**, Amato G, Biondi B, Mazziotti G, Del Buono A, Rotonda Nicchio M, Balzano S, Bellastella A, Glinioer D, Carella C. Parity as a thyroid size-determining factor in areas with moderate iodine deficiency. **J Clin Endocrinol Metab**. 2000 Dec;85(12):4534-7.
15. **Rotondi M**, Amato G, Del Buono A, Mazziotti G, Manganella G, Biondi B, Sinisi AM, Santini L, Bellastella A, Carella C. Postintervention serum TSH levels may be useful to differentiate patients who should undergo levothyroxine suppressive therapy after thyroid surgery for multinodular goiter in a region with moderate iodine deficiency. **Thyroid**. 2000 Dec;10(12):1081-5.
16. Rotondi M, Valenzano F, Bilancioni E, Spano G, **Rotondi M**, Giorlandino C. Prenatal measurement of testicular diameter by ultrasonography: development of fetal male gender and evaluation of testicular descent. **Prenat Diagn**. 2001 Feb;21(2):112-5.
17. Carella C, Mazziotti G, Morisco F, Manganella G, **Rotondi M**, Tuccillo C, Sorvillo F, Caporaso N, Amato G. Long-term outcome of interferon-alpha-induced thyroid autoimmunity and prognostic influence of thyroid autoantibody pattern at the end of treatment. **J Clin Endocrinol Metab**. 2001 May;86(5):1925-9.
18. Morisco F, Mazziotti G, **Rotondi M**, Tuccillo C, Iasevoli P, Del Buono A, Sorvillo F, Amato G, Marmo R, Caporaso N, Carella C. Interferon-related thyroid autoimmunity and long-term clinical outcome of chronic hepatitis C. **Dig Liver Dis**. 2001 Apr;33(3):247-53.
19. Paolisso G, Barbieri M, Rizzo MR, Carella C, **Rotondi M**, Bonafe M, Franceschi C, Rose G, De Benedictis G. Low insulin resistance and preserved beta-cell function contribute to human longevity but are not associated with TH-INS genes. **Exp Gerontol**. 2001 Dec;37(1):149-56.
20. Mazziotti G, **Rotondi M**, Manganella G, Franco R, Capone PFRS, Colantuoni V, Amato G, Carella C. Medullary thyroid cancer, papillary thyroid microcarcinoma and Graves' disease: an unusual clinical coexistence. **J Endocrinol Invest**. 2001 Dec;24(11):892-6.

21. Romagnani P, Lazzeri E, Lasagni L, Mavilia C, Beltrame C, Francalanci M, **Rotondi M**, Annunziato F, Maurenzig L, Cosmi L, Galli G, Salvadori M, Maggi E, Serio M. IP-10 and Mig production by glomerular cells in human proliferative glomerulonephritis and regulation by nitric oxide. **J Am Soc Nephrol**. 2002 Jan;13(1):53-64.
22. Amato G, Mazziotti G, **Rotondi M**, Iorio S, Doga M, Sorvillo F, Manganella G, Di Salle F, Giustina A, Carella C. Long-term effects of lanreotide SR and octreotide LAR on tumour shrinkage and GH hypersecretion in patients with previously untreated acromegaly. **Clin Endocrinol (Oxf)**. 2002 Jan;56(1):65-71.
23. **Rotondi M**, Sorvillo F, Mazziotti G, Balzano S, Iorio S, Savoia A, Piscopo M, Biondi B, Amato G, Carella C. The influence of parity on multinodular goiter prevalence in areas with moderate iodine deficiency. **J Endocrinol Invest**. 2002 May;25(5):442-6.
24. Carella C, Mazziotti G, Morisco F, **Rotondi M**, Cioffi M, Tuccillo C, Sorvillo F, Caporaso N, Amato G. The addition of ribavirin to interferon-alpha therapy in patients with hepatitis C virus-related chronic hepatitis does not modify the thyroid autoantibody pattern but increases the risk of developing hypothyroidism. **Eur J Endocrinol**. 2002 Jun;146(6):743-9.
25. 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.
26. Mazziotti G, Sorvillo F, Stornaiuolo G, **Rotondi M**, Morisco F, Ruberto M, Cioffi M, Amato G, Caporaso N, Gaeta GB, Carella C. Temporal relationship between the appearance of thyroid autoantibodies and development of destructive thyroiditis in patients undergoing treatment with two different type-1 interferons for HCV-related chronic hepatitis: a prospective study. **J Endocrinol Invest**. 2002 Jul-Aug;25(7):624-30.
27. Carella C, Mazziotti G, **Rotondi M**, Del Buono A, Zito G, Sorvillo F, Manganella G, Santini L, Amato G. Iodized salt improves the effectiveness of L-thyroxine therapy after surgery for nontoxic goitre: a prospective and randomized study. **Clin Endocrinol (Oxf)**. 2002 Oct;57(4):507-13.
28. Amato G, Lalli E, Mazziotti G, De Felice G, **Rotondi M**, Vitolo G, Saggese A, Livrea A, Bellastella A, Carella C. Eight parathyroid glands incidentally discovered during a surgical intervention for secondary hyperparathyroidism: an unusual clinical finding. **J Endocrinol Invest**. 2002 Oct;25(9):800-3.
29. Mazziotti G, Sorvillo F, Morisco F, Carbone A, **Rotondi M**, Stornaiuolo G, Precone DF, Cioffi M, Gaeta GB, Caporaso N, Carella C. Serum insulin-like growth factor I evaluation as a useful tool for predicting the risk of developing hepatocellular carcinoma in patients with hepatitis C virus-related cirrhosis: a prospective study. **Cancer**. 2002 Dec 15;95(12):2539-45.
30. Rotondi M, Labriola D, **Rotondi M**, Ammaturo FP, Amato G, Carella C, Izzo A, Panariello S. Depot leuporelin acetate versus danazol in the treatment of infertile women with symptomatic endometriosis. **Eur J Gynaecol Oncol**. 2002;23(6):523-6.

31. Sorvillo F, Mazziotti G, Carbone A, Morisco F, Cioffi M, **Rotondi M**, Stornaiuolo G, Amato G, Gaeta GB, Caporaso N, Carella C. Increased serum reverse triiodothyronine levels at diagnosis of hepatocellular carcinoma in patients with compensated HCV-related liver cirrhosis. **Clin Endocrinol** (Oxf). 2003 Feb;58(2):207-12.
32. Di Serio C, Caccavale C, Borriello M, Rotondi M, Di Serio M, **Rotondi M**, Tolino A, Carella C. Unusual case of cervical pregnancy after curettage for a presumptive diagnosis of intrauterine blighted ovum. **Clin Exp Obstet Gynecol**. 2003;30(1):67-9.
33. **Rotondi M**, Lazzeri E, Romagnani P, Serio M. Role for interferon-gamma inducible chemokines in endocrine autoimmunity: an expanding field. **J Endocrinol Invest**. 2003 Feb;26(2):177-80. Review.
34. Batocchi AP, **Rotondi M**, Caggiula M, Frisullo G, Odoardi F, Nociti V, Carella C, Tonali PA, Mirabella M. Leptin as a marker of multiple sclerosis activity in patients treated with interferon-beta. **J Neuroimmunol**. 2003 Jun;139(1-2):150-4.
35. **Rotondi M**, Romagnani P, Brozzetti A, Santeusano F, Serio M, Falorni A. -to: Nicoletti F, Conget L, Di Mauro M et al. (2002) Serum concentrations of the interferon-alpha-inducible chemokine IP-10/CXCL10 are augmented in both newly-diagnosed Type I diabetes mellitus patients and subjects at risk of developing the disease. *Diabetologia* 45:1107-1110. **Diabetologia**. 2003 Jul;46(7):1020-1. Epub 2003 Jun 18.
36. Sorvillo F, Mazziotti G, Carbone A, Piscopo M, **Rotondi M**, Cioffi M, Musto P, Biondi B, Iorio S, Amato G, Carella C. Recombinant human thyrotropin reduces serum vascular endothelial growth factor levels in patients monitored for thyroid carcinoma even in the absence of thyroid tissue. **J Clin Endocrinol Metab**. 2003 Oct;88(10):4818-22.
37. **Rotondi M**, Rosati A, Buonamano A, Lasagni L, Lazzeri E, Pradella F, Fossombroni V, Cirami C, Liotta F, La Villa G, Serio M, Bertoni E, Salvadori M, Romagnani P. High pretransplant serum levels of CXCL10/IP-10 are related to increased risk of renal allograft failure. **Am J Transplant**. 2004 Sep;4(9):1466-74.
38. Antonelli A, **Rotondi M***, Fallahi P, Romagnani P, Ferrari SM, Buonamano A, Ferrannini E, Serio M. High levels of circulating CXC chemokine ligand 10 are associated with chronic autoimmune thyroiditis and hypothyroidism. **J Clin Endocrinol Metab**. 2004 Nov;89(11):5496-9.
39. **Rotondi M**, Mazziotti G, Sorvillo F, Piscopo M, Cioffi M, Amato G, Carella C. Effects of increased thyroxine dosage pre-conception on thyroid function during early pregnancy. **Eur J Endocrinol**. 2004 Dec;151(6):695-700.
40. Becherini L, Guarducci E, Degl'Innocenti S, **Rotondi M**, Forti G, Krausz C. DAZL polymorphisms and susceptibility to spermatogenic failure: an example of remarkable ethnic differences. **Int J Androl**. 2004 Dec;27(6):375-81.
41. Bagnoli S, Tedde A, Cellini E, **Rotondi M**, Nacmias B, Sorbi S. The urokinase-plasminogen activator (PLAU) gene is not associated with late onset Alzheimer's disease. **Neurogenetics**. 2005 Feb;6(1):53-4. Epub 2004 Dec 23. Erratum in: *Neurogenetics*. 2005 May;6(2):105.

42. **Rotondi M**, Falorni A, De Bellis A, Laureti S, Ferruzzi P, Romagnani P, Buonamano A, Lazzeri E, Crescioli C, Mannelli M, Santeusano F, Bellastella A, Serio M. Elevated serum interferon-gamma-inducible chemokine-10/CXC chemokine ligand-10 in autoimmune primary adrenal insufficiency and in vitro expression in human adrenal cells primary cultures after stimulation with proinflammatory cytokines. **J Clin Endocrinol Metab.** 2005 Apr;90(4):2357-63.
43. Antonelli A, **Rotondi M***, Fallahi P, Romagnani P, Ferrari SM, Paolicchi A, Ferrannini E, Serio M. Increase of interferon-gamma inducible alpha chemokine CXCL10 but not beta chemokine CCL2 serum levels in chronic autoimmune thyroiditis. **Eur J Endocrinol.** 2005 Feb;152(2):171-7.
44. Lazzeri E, **Rotondi M***, Mazzinghi B, Lasagni L, Buonamano A, Rosati A, Pradella F, Fossombroni V, La Villa G, Gacci M, Bertoni E, Serio M, Salvadori M, Romagnani P. High CXCL10 expression in rejected kidneys and predictive role of pretransplant serum CXCL10 for acute rejection and chronic allograft nephropathy. **Transplantation.** 2005 May 15;79(9):1215-20.
45. Antonelli A, **Rotondi M**, Fallahi P, Romagnani P, Ferrari SM, Ferrannini E, Serio M. Age-dependent changes in CXC chemokine ligand 10 serum levels in euthyroid subjects. **J Interferon Cytokine Res.** 2005 Sep;25(9):547-52.
46. Romagnani P, Maggi L, Mazzinghi B, Cosmi L, Lasagni L, Liotta F, Lazzeri E, Angeli R, **Rotondi M**, Fili L, Parronchi P, Serio M, Maggi E, Romagnani S, Annunziato F. CXCR3-mediated opposite effects of CXCL10 and CXCL4 on TH1 or TH2 cytokine production. **J Allergy Clin Immunol.** 2005 Dec;116(6):1372-9.
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