

## **CURRICULUM VITAE**

**Dott.ssa GIOVANNA MUNICCHI**

### **ESPERIENZA PROFESSIONALE**

Specialista in Pediatria. Diagnosi, trattamento e follow-up delle malattie endocrino-metaboliche e delle malattie rare di interesse auxo-endocrinologico nel bambino e nell'adolescente

### **TITOLI DI STUDIO ED ESPERIENZA LAVORATIVA**

1977: Maturita' Classica presso il Liceo Classico "F. Petrarca" di Arezzo

1985: Laurea in Medicina e Chirurgia presso l' Universita' degli Studi di Perugia con la votazione di 110/110 e lode (durata del corso di laurea: 6 anni)

1985: Abilitazione all'esercizio della Libera Professione di Medico Chirurgo presso l'Universita' degli Studi di Perugia

1985: Iscrizione all'Albo Professionale dei Medici della Provincia di Arezzo

1989: Conseguimento della Specializzazione in Pediatria presso l'Universita' degli Studi di Roma "Tor Vergata", con la votazione di 50/50 e lode (durata del corso di specializzazione: 4 anni)

1988-92: Ricercatore Presso il National Institutes of Health (NIH), Child Health and Human Development (NICHD), Developmental Endocrinology Branch (DEB) sotto la supervisione della Dr. Susan R. Rose e del Dr. Gordon B. Cutter Jr., Bethesda, Maryland, U.S.A.

1992-95: Dottorato di Ricerca in Scienze Pediatriche presso il Servizio di Endocrinologia Pediatrica della Clinica Pediatrica dell'Universita' degli Studi di Roma "La Sapienza" diretto dalla Prof.ssa Anna Maria Pasquino.

1996-oggi: Consulente Endocrinologia Pediatrica presso UOC di Pediatria, Università degli Studi di Siena, diretta attualmente dal Prof. Salvatore Grosso.

2001- 2004: Professore a contratto di Adolescentologia nella Scuola di Specializzazione in Pediatria dell'Università degli Studi di Siena, diretta dal Prof. Guido Morgese.

2008-2012: Dottorato di ricerca in Scienze Neurologiche Applicate Unità Operativa Complessa di Pediatria, Università degli Studi di Siena, Prof. Paolo Balestri,

2021-oggi: Contrattista SC Diabetologia e Endocrinologia, AOU Meyer, responsabile Dott.ssa Sonia Toni,

### **PUBBLICAZIONI IN EXTENSO**

1. Balducci R, Adamo MV, Bianchi P, Mangiantini A, Municchi G, Bacchielli B, Toscano V. Sex hormone binding globulin (SHBG), diidrotestosterone (DHT) e 3alfa androstanediolo (3AD) in adolescenti affette da acne di origine extraghiandolare e da irsutismo periferico. In "Endocrinologia Pediatrica", Monduzzi Ed., pp 31-4, 1988.
2. Balducci R, Toscano V, Mangiantini A, Municchi G, Bianchi P, Boscherini B. Frequency of non-classical 21 hydroxylase deficiency in italian children with premature pubarche. In "Growth abnormalities", Raven Press, Eds. Bierich JR, Cacciari E., Raiti S., pp 217-20, 1989.
3. Balducci R, Adamo MV, Mangiantini A, Municchi G, Toscano V. Testicular responsiveness to a single hCG dose in patients with testicular feminization. Hormone and Metabolic Research 21 (8):449-52, 1989.
4. Balducci R, Toscano V, Finocchi G, Municchi G, Mangiantini A, Boscherini B. Effect of hCG or hCG+FSH treatments in thalassemic patients with hypogonadotropic hypogonadism. Journal of Endocrinological Investigation 13:1-7. 1990.
5. Rose SR, Municchi G, Barnes KM, Kamp GA, Uriarte M, Ross JL, Cassorla F, Cutler GB. Spontaneous growth hormone secretion increases during puberty in normal girls and boys. Journal of Clinical Endocrinology and Metabolism 73:428-35, 1991.
6. Sklar MM, Thomas CL, Municchi G, Roberts CT, LeRoith D, Kiess W, Nissley P. Developmental expression of rat insulin-like growth factor-II/mannose 6-phosphate receptor messenger ribonucleic acid. Endocrinology 130:3484-91, 1992.
7. Municchi G, Malozowski S, Nisula B, Cristiano A, Rose SR. Nocturnal TSH surge in growth hormone deficient children. Journal of Pediatrics 121: 214-20, 1992.
8. Municchi G, Rose SR, Pescovitz OH, Barnes KM, Cassorla F, Cutler GB. Effect of deslorelin-induced pubertal delay on the growth of adolescents with short stature and normally timed puberty: preliminary results. Journal of Clinical Endocrinology and Metabolism 77: 1334-9, 1993.
9. Pasquino AM, Pucarelli I, Municchi G, Armenise P, Tondinelli T, Paradiso E. Pseudopuberta' precoce. Atti Convegno Cusanus VIII. Aggiornamento di patologia-terapia e prevenzione in eta' pediatrica. Bressanone 18-20 Giugno, 27-34,1993.

10. Pasquino AM, Pucarelli I, Municchi G, Paradiso E, Mancini MA, Pomella S. Problemi connessi ai primi cicli mestruali dell'adolescente. Atti Convegno Cusanus IX. Aggiornamento di patologia-terapia e prevenzione in eta' pediatrica. Bressanone 17-19 Giugno, 11-9, 1994.
11. Pasquino AM, Pucarelli I, Passeri F, Segni M, Mancini MA, Municchi G. Progression of premature thelarche to central precocious puberty. *Journal of Pediatrics* 126: 11-4, 1995.
12. Balducci R, Toscano V, Pasquino AM, Mangiantini A, Municchi G, Armenise P, Terracina S, Prossomariti G, Boscherini B. Bone turnover and bone mineral density in young adult patients with panhypopituitarism before and after long-term GH therapy. *European Journal of Endocrinology* 132: 42-6, 1995.
13. Balducci R, Municchi G, Toscano V, Mangiantini A, Sabatini R, Caiola S, Tedeschi B, Orlandi L, Boscherini B. Complex glycerol kinase deficiency: an unusual cause of salt wasting in males. *Clinical Endocrinology* 42: 437-439, 1995.
14. Municchi G, Pasquino AM, Pucarelli I, Cianfarani S, Passeri F. Growth hormone treatment in Noonan syndrome: report of four cases who reached final height. *Hormone Research*, 44: 164-167, 1995.
15. Balducci R, Toscano V, Mangiantini A, Municchi G, Vaccaro F, Picone S, Di Rito A, Boscherini B. Adult height in short girls treated with GnRH analogue and growth hormone. *Journal of Clinical Endocrinology and Metabolism* 80: 3596-3600, 1995.
16. Pasquino AM, Municchi G, Pucarelli I, Segni M, Mancini MA, Troiani S. Combined treatment with gonadotropin-releasing hormone analogue and growth hormone in central precocious puberty. *Journal of Clinical Endocrinology and Metabolism* 81: 948-951, 1996.
17. Rose SR, Municchi G, Barnes KM, Cutler GB. Overnight growth hormone concentrations are usually normal in pubertal children with idiopathic short stature-A clinical research center study. *Journal of Clinical Endocrinology and Metabolism* 81: 1063-1068, 1996.
18. Nunez SB, Municchi G, Barnes KM, Rose SR. Insulin-like growth factor I (IGF-I) and IGF-binding protein-3 concentrations compared to stimulated and night growth hormone in the evaluation of short children-A clinical research center study. *Journal of Clinical Endocrinology and Metabolism* 81: 1927-1932, 1996.
19. Pasquino AM, Passeri F, Municchi G, Segni M, Pucarelli I, Larizza D, Bossi G, Severi F, Galasso C. Final height in Turner syndrome patients treated with growth hormone. *Hormone Research* 46: 269-272, 1996.
20. Pasquino AM, Passeri F, Pucarelli I, Segni M, Municchi G. Italian Study Group for Turner's Syndrome. Spontaneous pubertal development in Turner's syndrome. *Journal of Clinical Endocrinology and Metabolism* 82: 1810-1813, 1997.
21. Balducci R, Toscano V, Larizza D, Mangiantini A, Galasso C, Municchi G, Di Rito A, Picone S, Boscherini B. Effects of long-term growth hormone therapy on adrenal steroidogenesis in Turner syndrome. *Hormone Research* 49: 210-215, 1998.
22. Rose SR, Municchi G. Six-hour and four-hour nocturnal sampling for growth hormone. *Journal of Pediatric Endocrinology and Metabolism* 12: 167-173, 1999.
23. Municchi G, Marconcini S, D'Ambrosio A, Berardi R, Acquaviva A. Central precocious puberty in multisystem Langerhans cell histiocytosis: a case report. *Pediatric Hematology & Oncology* 19: 273-8, 2002.

24. Yanovski JA, Rose SR, Municchi G, Pescovitz OH, Hill SC, Cassorla FG, Cutler GB. Treatment with a luteinizing hormone-releasing hormone agonist in adolescent with short stature. *New England Journal of Medicine* 348 (10): 908-917, 2003.
25. Acquaviva A, Municchi G, Marconcini S., D'Ambrosio A, Morgese G. Celiac disease in a patient with  $\beta$ -thalassemia major. *Journal of Pediatric Gastroenterology and Nutrition* 36 (4): 489-491, 2003.
26. Acquaviva A, Marconcini S, Municchi G, Vallone I, Palma L. Non-Hodgkin lymphoma in a child presenting as acute paraplegia: a case report. *Pediatric Hematology & Oncology* 20 (3): 245-251, 2003.
27. Acquaviva A, Municchi G, Marconcini S, Mazzarella F, Occhini R, Toti P, Mazzei MA, Volterrani L. Displasia epiphysealis hemimelica in a young girl: role of MRI in the diagnosis and follow-up. *Joint Bone Spine* 72:183-186, 2005.
28. Ronsaville DS, Municchi G, Laney C, Cizza G, Meyer SE, Haim A, Radke-Yarrow M, Chrousos G, Gold PW, Martinez PE. Maternal and environmental factors influence the hypothalamic-pituitary-adrenal axis response to corticotropin-releasing hormone infusion in offspring of mothers with or without mood disorders. *Developmental Psychopathology* 18 (1):173-94, 2006.
29. Rodriguez D, Guidoni E, D'Ambrosio A, Pochiero F, Caini M, Guglielmucci D, Lucherini M, Carra F, Municchi G. Abnormalities of the thyroid in survivors of childhood Hodgkin's disease. *Minerva Pediatrica* 66 (4): 249-56, 2014.
30. Stagi S, Ricci F, Bianconi M, Sammarco MA, Municchi G, Toni S, Lenzi L, Verrotti A, de Martino M. Retrospective evaluation of metformin and/or metformin plus a new polysaccharide complex in treating severe hyperinsulinism and insulin resistance in obese children and adolescents with metabolic syndrome. *Nutrients* 20;9(5), 2017.
31. Stagi S, Municchi G, Ferrari M, Wasniewska MG. An overview on different L-thyroxine (i-T4) formulations and factors potentially influencing the treatment of congenital hypothyroidism during the first 3 years of life. *Front Endocrinol Jun* 9:13:859487, 2022.