

CURRICULUM VITAE



INFORMAZIONI PERSONALI

Nome Valeria Calcaterra
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Nazionalità Italiana



ISTRUZIONE E FORMAZIONE

Luglio 1990 Maturità Scientifica presso il Liceo Scientifico A. Avogadro, Biella, con votazione finale 52/60
25 Luglio 1996 Laurea in Medicina e Chirurgia presso l'Università di Pavia, con votazione finale 110/110 e lode
Maggio 1997 Esame di stato per l'abilitazione all'esercizio della professione medica, con punteggio di 110/110
23 Settembre 1997 Iscrizione all'Albo Provinciale dei Medici e Chirurghi di Biella
23 Ottobre 2000 Specializzazione in Pediatria, Università di Pavia, con votazione 50/50 e lode
Marzo 2001- Febbraio 2002 Borsa di Studio (bando n. 34239/2000/Gen) per lo svolgimento di attività di ricerca sul tema: "Infezione da Helicobacter Pylori e malattie autoimmuni della tiroide nell'infanzia", bandita dall'IRCCS Policlinico San Matteo, Pavia
01/03/2002-26/12/2002 Incarico a tempo determinato supplente in qualità di "Dirigente medico" (area: medica e delle specialità mediche; disciplina: pediatria) presso la Struttura di Pediatria della Fondazione IRCCS Policlinico San Matteo, Pavia
27/12/2002-22/12/2005 Incarico a tempo determinato in qualità di "Dirigente medico" (area: medica e delle specialità mediche; disciplina: pediatria) presso la Struttura di Pediatria della Fondazione IRCCS Policlinico San Matteo, Pavia
Ottobre 2003 Titolo di cultore della materia in Pediatria con interesse specifico nelle patologie endocrinologiche dell'infanzia
Marzo 2004 Corso di Perfezionamento in Emergenza Pediatrica e Pronto Soccorso Medico, Istituto Giannina Gaslini, Università degli Studi di Genova
Maggio 2008 Master Universitario Interateneo di II Livello in "Management del diabete mellito e turbe metaboliche correlate in età evolutiva", Università degli Studi di Parma e Verona
23/12/2005- 28/12/2008 Incarico a tempo indeterminato in qualità di "Dirigente medico" (area: medica e delle specialità mediche; disciplina: pediatria) presso la Struttura di Pediatria della Fondazione IRCCS Policlinico San Matteo, Pavia

28/12/2008-30/04/2020	Ricercatore Universitario confermato/Professore Aggregato settore disciplinare MED/38 presso l'Università degli Studi di Pavia (conferma ruolo 2012).
01/05/2020-tutt'oggi	Dirigente medico universitario in convenzione presso la Struttura di Pediatria della Fondazione IRCCS Policlinico San Matteo, Pavia Ricercatore Universitario confermato/Professore Aggregato settore disciplinare MED/38 presso l'Università degli Studi di Pavia (conferma ruolo 2012). Dirigente medico universitario in convenzione presso la Struttura di Pediatria dell'Ospedale dei Bambini Vittore Buzzi, Milano

ESPERIENZE LAVORATIVE E PROFESSIONALI

ATTIVITA' CLINICO ASSISTENZIALE

Anni Accademici 1994-1996	Internato semplice presso il reparto di Oncoematologia Pediatrica, Dipartimento di Scienze Pediatriche, Università di Pavia
Anni Accademici 1995-1996	Internato di laurea presso il Laboratorio di Immunologia, Dipartimento di Scienze Pediatriche, Università di Pavia
Anni Accademici 1996-2000	nell'ambito della Scuola di Specialità in Pediatria, periodi di formazione professionale presso: -Laboratorio di Immunologia Cellulare per 6 mesi, -Reparto di Onco-Ematologia per 9 mesi, -Reparto di Pediatria Generale per 8 mesi, con frequenza presso l'ambulatorio di gastroenterologia, -Struttura semplice di Endocrinologia per 14 mesi e -Reparto di Patologia Neonatale per 5 mesi
Novembre 2000- Marzo 2001	frequenza presso la struttura di Endocrinologia e Diabetologia Pediatrica dell'Unità Operativa di Pediatria della Fondazione IRCCS Policlinico San Matteo, Pavia
Marzo 2001-Febbraio 2002	borsista presso l'Unità Operativa di Pediatria della Fondazione IRCCS Policlinico San Matteo (Pavia), struttura semplice di Endocrinologia e Diabetologia Pediatrica, dove svolge attività di ricerca sul tema: "Infezione da Helicobacter Pylori e malattie autoimmuni della tiroide nell'infanzia" e attività clinico assistenziale
Marzo 2002-30/04/2020	come Dirigente Medico, presta servizio presso il Reparto di Pediatria Generale dell'Unità Operativa di Pediatria e Pronto soccorso della Fondazione IRCCS Policlinico San Matteo, Pavia
Settembre 2003-30/04/2020	come Dirigente Medico, presta servizio presso la struttura di Endocrinologia e Diabetologia Pediatrica della Fondazione IRCCS Policlinico San Matteo, Pavia, dove è Referente dell'ambulatorio di Diabetologia e Endocrinologia Pediatrica e dell'obesità. Presso la diabetologia pediatrica è medico prescrittore di microinfusori e sistemi di monitoraggio continuo della glicemia.
Marzo 2005-30/04/2020	svolge Servizio di ecografia presso la struttura di Endocrinologia e Diabetologia Pediatrica della Fondazione IRCCS Policlinico San Matteo, Pavia
1 Maggio 2020-ad oggi	come Dirigente Medico, presta servizio presso l'Unità Operativa di Pediatria e Pronto Soccorso e l' Endocrinologia e Diabetologia Pediatrica dell'Ospedale dei Bambini Vittore Buzzi, Milano Referente per lo screening neonatale dell' ipotiroidismo congenito per l'Ospedale dei Bambini Vittore Buzzi.

Esperienze professionali all'estero

18/05/1998 -29/06/1998

stage presso il Reparto di Pediatria dell'Ospedale Generale di Ayamé, Costa d'Avorio

26/06/2000-13/10/2000

stage PU/PH presso il Servizio di Rianimazione Neonatale dell'Ospedale di Port Royal, Parigi

ATTIVITA' DI RICERCA

- 28/12/2008 Ricercatore Universitario settore disciplinare MED/38 presso l'Università degli Studi di Pavia (conferma ruolo 2012).
- Abilitazione Nazionale a Professore di seconda fascia settore concorsuale Pediatria Generale, Specialistica e Neuropsichiatria Infantile 06/G1, con validità dal 23/07/2020 al 23/07/2029
- Abilitazione Nazionale a Professore di prima fascia settore concorsuale Pediatria Generale, Specialistica e Neuropsichiatria Infantile 06/G1, con validità dal 08/06/2021 al 08/06/2030

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- Referente per l'Ospedale dei Bambini Vittore Buzzi dell' European Association for the Study of Obesity Management-Pediatric Section.
 - Coordinatore per biennio 2021-2023 del gruppo di Studio sull'Obesità infantile della Società Italiana di Endocrinologia e Diabetologia Pediatrica
 - Dal Membro del Comitato Scientifico dell'Associazione Nazionale Specialisti in Scienze dell'Alimentazione per il triennio 2022-2025.

- **Ambiti di ricerca:**

- Obesità infantile con particolare interesse alla prevenzione delle complicanze precoci correlate e al processo precoce di infiammazione
- Endocrinologia e diabetologia pediatrica (malattie della tiroide e paratiroide, diabete mellito tipo 1-2 e forme genetiche di diabete mellito, patologie dello sviluppo puberale, ipo e iperstaturalità, patologie del surrene, iperinsulinismi congeniti, diabete insipido)
- Assetti clinico-metabolici-ormonali in patologie neonatali e pediatriche di competenza chirurgica
- Immunologia e autoimmunità
- Disordini endocrino-metabolici nella disabilità
- Sindromi genetiche, in particolare sindrome di Turner e di Down
- Patologia stress correlata
- Medicina sperimentale di traslazione in pediatria

- Autrice di oltre 280 pubblicazioni scientifiche a livello internazionale (elenco di seguito allegato).
H-Index: 27(Scopus); 30 (Google Scholar)
- Novembre 2017-tutt'oggi Responsabile del Laboratorio di Ricerca Pediatrica Clinica e di Traslazione, dell'Unità di Pediatria e Adolescentologia del Dipartimento di Medicina Interna e Terapia Medica dell'Università degli Studi di Pavia (odg 29-11-2017).
- Responsabilità scientifica (di progetto o unità) in 20 studi/ricerche scientifiche affidate da istituzioni pubbliche
- Responsabilità scientifica e/o partecipazione in 23 progetti di ricerca nazionali ammessi al finanziamento sulla base di bandi competitivi che prevedano la revisione tra pari (12 come responsabile progetto o unita/principal investigator e 11 come co-investigatore)
- Attività di gruppo a livello nazionale e internazionale (Diabetes Study Group of the Italian Society for Pediatric Endocrinology and Diabetology; Obesity Study Group of the Italian Society of Pediatric Endocrinology and Diabetology; Folkhalsan Institute of Genetics, Folkhalsan Research Center, University of Helsinki; Ospedale dei Bambini ISMEP Palermo; Università degli Studi di Trieste e Modena; Department of Development and Reproduction, Stem Cell Institute, Translational

Cardiomyology Laboratory, KU Leuven, Belgium; Cincinnati Fetal Center, Cincinnati Children's Hospital Medical Center, University of Cincinnati, The Brain and Mind Institute, Western University, London, Ontario, Canada; l'European Association for the Study of Obesity Management-Pediatric Section.

- Responsabile di Unità (Unità di Pediatria e dell'adolescenza, Dipartimento di Medicina Interna e Terapia medica, Università degli Studi di Pavia). Fondo integrativo Speciale per la Ricerca Covid-19 del Ministero dell'Università e della Ricerca (FISR2020IP_02959). Unità capofila: Università degli Studi di Milano, altro unità: Politecnico di Milano.
- Co-investigatore HORIZON-HLTH-2021-CORONA-01 CoVICIS project number 101046041. Coordinator Organisation - CENTRE HOSPITALIER UNIVERSITAIRE VAUDOIS – CHUV. Title: EU-Africa Concerted Action on SAR-CoV-2 Virus Variant and Immunological Surveillance
- Collaboratore "Networking, ricerca e formazione sulla sindrome post COVID"project number 2021-4490. Titolo "Approccio integrato alla sindrome post-COVID (IAPCS): dall'ospedale al domicilio"

ATTIVITA' DIDATTICA

- Insegnamento di Pediatria Generale e Specialistica all'Università degli Studi di Pavia presso:
 - 2008-tutt'oggi; Corso di Laurea in Medicina e Chirurgia, Università degli Studi di Pavia
 - 2016-tutt'oggi: Corso di Laurea in Medicina e Chirurgia, Università degli Studi di Pavia (lingua inglese)
 - 2008-2020: Scuola di Specializzazione in Ginecologia ed ostetricia, Neuropsichiatria Infantile
 - 2008-tutt'oggi: Scuola di Specializzazione in Pediatria
 - 2008-tutt'oggi Corso di Laurea triennale in Ostetricia, Terapisti della Neuropsicomotricità
 - 2016-tutt'oggi Corso di Laurea triennale in Dietistica
 - 2016-tutt'oggi programma Erasmus Plus Student Mobility for Studies
 - 2019-tutt'oggi Scuola di Specializzazione Endocrinologia
- Coordinatore e Collegio docenti Master Universitario di I livello in "Infermiere esperto in area pediatrica e neonatale", Università degli Studi di Pavia (2016-2017).
- Collegio docenti Master Universitario di I livello in "Infermiere esperto in area pediatrica e neonatale", Università degli Studi di Pavia (2017-2018).
- Collegio docenti Master Universitario di II livello in "Farmacia dei servizi", Università degli Studi di Pavia. *Area di afferenza: Medica e Servizi alla persona* (2019-2020)
- Collegio docenti i Corso di perfezionamento in medicina di genere, dal titolo "Alimentazione e stile di vita per il benessere della donna" Università degli Studi di Pavia dal 01-11-2020 in corso
- Collegio valutatori esterni dottorato in Scienze della nutrizione ciclo XXIII, Università degli Studi di Milano (2020)

ORGANIZZAZIONE O PARTECIPAZIONE A CONVEGNI SCIENTIFICI IN ITALIA O ALL'ESTERO

Partecipazione a più di 70 convegni di carattere scientifico come relatore/moderatore e/o organizzatore/comitato scientifico.

CAPACITA E COMPETENZA PERSONALI

DIREZIONE O PARTECIPAZIONE A COMITATI EDITORIALI DI RIVISTE, COLLANE EDITORIALI, ENCICLOPEDIA

Associate Editor BMC Pediatrics dal 2 Maggio 2019 a oggi
Associate Editor BMC Endocrine Disorders dal 22 Gennaio 2020 a oggi
Review Editor Frontiers in Endocrinology and Frontiers in Pediatrics Marzo 2022 a oggi
Review Editor in Adolescent Medicine-Obesity and Nutrition in Adolescents Maggio 2022 a oggi

Guest Editor Metabolites, special issue "Endocrinology, Pediatric Diabetes & Metabolism", Giugno 2020
Guest Editor Nutrients, special issue "Newborn Nutrition", Luglio 2020
Guest Editor Children, special issue "Risk of Cardiovascular and Metabolic Diseases in Overweight and Obese Children" Aprile 2021-2022
Guest Editor, International Journal of Environmental Research and Public Health special issue "Obesity, Physical Activity and Exercise in Children and Adolescents" Maggio 2022
Guest Editor, Children, special issue "Risk of Metabolic, Endocrine and Cardiovascular Disorders in malnourished Children" Maggio 2022
Guest Editor, Pharmacological Research, special Issue "Novel drugs, advanced and complementary therapies, devices and biomarkers towards solving critical therapeutic issues in pediatrics" Giugno 2022

Editorial Board member for Annals of Stem cell Research and Therapy. dal 02-03-2017 a oggi
Editorial board member for Journal of Paediatric Care Insight dal 21-03-2017 a oggi
Editorial Board member for Journal of Pediatric Diseases dal 16-11-2017 a oggi
Editorial Board member for Journal of Child Science dal 12-01-2018 a oggi
Editorial Board member for Current Obesity Research & Therapy dal 09-02-2018 al 2-01-2019
Editorial Board member for Journal of Diabetes Management and Metabolism dal 27-07-2018 a oggi
Editorial Board member for MIS Journal dal 10-03-2017 al 10-05-2018
Editorial board member for Series of Endocrinology, Diabetes and Metabolism 03-01-2019-ad oggi
Editorial Board member for American Journal of Pediatrics 2017 ad oggi
Editorial Board member for International Journal of Pediatrics and Child Health maggio 2021 ad oggi

Official Scientific Reviewer per la rivista Minerva Pediatrica dal marzo 2004 a oggi
Official Scientific Reviewer per la rivista MIS Journal dal maggio 2018 a oggi
Official Scientific Reviewer per la rivista Italian Journal of Pediatrics dal gennaio 2021 a oggi

Funzioni di Peer Reviewer per le riviste internazionali Pediatric Obesity, Frontiers in Pediatric Endocrinology, BMJ Case report, Human Reproduction, Cythotherapy, Lipids in Health and Diseases, Journal of Sports Sciences: Science and Medicine in Football, PlosONE, International Journal of Developmental Neuroscience, Journal Perinatal Medicine, Nutrition, Metabolism and Cardiovascular Diseases, Endocrinology-Diabetes and Metabolism, Journal of Pediatric Endocrinology and Metabolism, Journal di Pediatria, Tissue and Cell, Diabetes Research and Clinical Practice, Annals of Nutrition and Metabolism, Children, Pediatric Reports dal 2013 ad oggi

Autore : Le precocità sessuali. In Ecografia e ginecologia dell'infanzia e dell'adolescenza. Editors: Bruni V. e Dei M. CIC Edizioni Internazionali 2011 dal 01-01-2011 al 31-12-2011

Collaborazione alla stesura del capitolo: "Neonatal ovarian cysts" in Neonatal Surgery. Springer Nature Switzerland AG 2019

Revisore abstract Congressi Nazionali Società Italiana di Endocrinologia e Diabetologia Pediatrica dal 2017 a tutt'oggi

RISULTATI OTTENUTI NEL TRASFERIMENTO TECNOLOGICO IN TERMINI DI PARTECIPAZIONE ALLA CREAZIONE DI NUOVE IMPRESE (SPIN OFF), SVILUPPO, IMPIEGO E COMMERCIALIZZAZIONE DI BREVETTI

Partecipazione alla creazione e applicazione del sistema di Advanced Intelligent Distant – Glucose Monitoring (AID-GM) per la gestione e analisi avanzata dei dati di monitoraggio flash del glucosio sviluppato dal Dipartimento di ingegneria industriale e dell'informazione dell'Università degli Studi di Pavia.

dal 01-11-2016 a oggi

Partecipazione alla creazione e applicazione di V-care App, con sistema conversazionale, per il monitoraggio di bambini affetti da obesità (nell'ambito del progetto ICT - Bando PRISM-E), sviluppata in collaborazione con il Dipartimento di ingegneria industriale e dell'informazione dell'Università degli Studi di Pavia e il Polo Innovazione ICT, Torino.

dal 01-10-2020 a oggi

CONSEGUIMENTO DI PREMI E RICONOSCIMENTI PER L'ATTIVITÀ SCIENTIFICA, INCLUSA L'AFFILIAZIONE AD ACCADEMIE DI RICONOSCIUTO PRESTIGIO NEL SETTORE

Vincitrice del premio bandito all'Associazione Donatori Midollo Osseo per la tesi "Precursori linfocitari T-citotossici (CTLp) diretti contro blasti leucemici in bambini sottoposti a TMO allogenico"

dal 18-12-1997 al 18-12-1997

MEMBERSHIP SOCIETÀ SCIENTIFICHE

- Società Italiana di Pediatria (SIP)
- Società Italiana di Endocrinologia e Diabetologia Pediatrica (SIEDP). Nell'ambito della SIEDP componente del:
 - Gruppo di Studio Diabetologia Pediatrica
 - Gruppo di Studio Obesità Infantile
 - Gruppo di Studio Malattie della Tiroide
 - Gruppo di Studio Ecografie in Endocrinologia Pediatrica
 - Gruppo di Studio Fisiopatologia dei processi di Accrescimento e della Pubertà
- European Society for Paediatric Endocrinology (ESPE)
- International Fetal Medicine and Surgical Society (IFMSS)
- Società Italiana dell'Obesità

COMPETENZE LINGUISTICHE

MADRELINGUA	ITALIANO
ALTRE LINGUE	FRANCESE, INGLESE

CAPACITÀ E COMPETENZE TECNICHE

Ottima padronanza dei principali sistemi operativi di sistemi fissi e mobili (Windows, MacOS)

Ottima padronanza dei principali applicativi Office (Word, Excel, PowerPoint)

Buona conoscenza degli applicativi per la gestione di lavoro collaborativo Cloud-based (GoogleDrive, DropBox)

Buona conoscenza applicativi per programmi di elaborazione statistica (Statistica e MedCalc su piattaforma Windows)

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196
"Codice in materia di protezione dei dati personali".

Milano, 19 Giugno 2022

Valeria Calcaterra


ELENCO DELLE PUBBLICAZIONI DI VALERIA CALCATERRA

- 1) F. Locatelli, G. Beluffi, G. Giorgiani, R. Maccario, P. Fiori, A. Pession, F. Bonetti, P. Comoli, V. Calcaterra, G. Rondini, F. Severi. Transplantation of cord blood progenitor cells can promote bone resorption in autosomal recessive osteopetrosis. *Bone Marrow Transplant* 1997; 20:701-05.
- 2) D. Montagna, F. Locatelli, V. Calcaterra, P. Comoli, A. Moretta, G. Giorgiani, M. Zecca, F. Bonetti, G. Rondini, R. Maccario. Does the emergence and persistence of donor-derived leukaemia-reactive cytotoxic T-lymphocytes protect patients given an allogeneic BMT from recurrence? Results of a preliminary study. *Bone Marrow Transplant* 1998; 22:743-50.
- 3) D. Montagna, E. Yvon, V. Calcaterra, P. Comoli, F. Locatelli, R. Maccario, A. Fisher, M. Cavazzana-Calvo. Depletion of alloreactive T cells by a specific anti-interleukin-2 receptor p55 chain immunotoxin does not impair in vitro anti-leukemia and anti-viral activity. *Blood* 1999; 93: 3550-3557.
- 4) R. Maccario, P. Comoli, D. Montagna, A. Moretta, V. Calcaterra, M. Zecca, G. Giorgiani, F. Bonetti, P. De Stefano, F. Locatelli. Immunoterapia adottiva cellulare: illusione o realtà? *Riv Ital Pediatr (IPJ)* 1999; 25: (Suppl. al n.3) 80-83.
- 5) R. Maccario, P. Comoli, D. Montagna, A. Moretta, V. Calcaterra, M. Zecca, G. Giorgiani, F. Locatelli. Mechanisms of T-cell tolerance towards alloantigens. *Progressi in Ematologia Clinica* 1999; 18:195-98.
- 6) D. Larizza, M. Martinetti, R. Lorini, J.M. Dugoujon, C. Tinelli, L. Vitali, V. Calcaterra, M. Cuccia, F. Severi. Parental segregation of Autoimmunity in patients with Turner's Syndrome: preferential paternal transmission? *Journal of Autoimmunity* 1999; 12:65-72.
- 7) D. Larizza, M. Locatelli, L. Vitali, C. Viganò, V. Calcaterra, C. Tinelli, M.G. Sommaruga, A. Bozzini, R. Campani, F. Severi. Serum liver enzymes in Turner syndrome. *Eur J Pediatr* 2000; 159: 143-148.
- 8) A. Gemma, P. Manfredi, I. Maraucci, M.R. Piemontese, V. Calcaterra, D. Larizza. Il profilo cognitivo nella sindrome di Turner: correlazioni con il cariotipo e l'imprinting genomico. *Riv Ital Pediatr (IPJ)* 2001; 27:249-254.
- 9) P. Comoli, F. Locatelli, A. Moretta, D. Montagna, V. Calcaterra, A. Cometa, S. Basso, M. Zecca, R. Maccario. Human alloantigen-specific anergic cells induced by a combination of CTLA4-Ig and CsA maintain anti-leukemia and anti-viral cytotoxic responses. *Bone Marrow Transplant* 2001; 27:1263-1273.
- 10) D. Larizza, V. Calcaterra, C. De Giacomo, A. De Silvestri, M. Martinetti. Celiac disease in children with autoimmune thyroid disease. *J Pediatr* 2001;139:738-40.
- 11) D. Larizza, V. Calcaterra, O. Luinetti, L. Villani, A. De Silvestri, M. Augelli, E. Coslovich, M. Martinetti, C. De Giacomo. Evidence for immunogenetic predisposition in children with celiac disease and autoimmune thyroid disease. *Int J Med Biol Environ* 2001;29:143-148.
- 12) S. Ricotti, L. Petrucci, G. Carenzio, A. Marioni, C. Klersy, V. Calcaterra, D. Larizza. Follow-up dei dismorfismi rachidei nella sindrome di Turner. *Europa MedicoPhysica* 2001; 37 (Suppl. 1 to n.3): 510-512.
- 13) D. Larizza, P. Maraschio, B. Bardoni, V. Calcaterra, P. Manfredi, I. Maraucci, A. Gemma. Two sisters with 45,X karyotype: influence of genomic imprinting on phenotype and cognitive profile. *Eur J Pediatr* 2002; 161:224-225.
- 14) D. Larizza, M. Martinetti, J.M. Dugoujon, C. Tinelli, V. Calcaterra, M. Cuccia, L. Salvaneschi, F. Severi. Parental GM and HLA genotype and reduced birthweight in Turner patients. *JPEM* 2002; 15:1183-1190.
- 15) P. Sampaolo, V. Calcaterra, C. Klersy, A. Alfei, C. De Leonardis, M. Maino, D. Larizza. Pelvic ultrasound evaluation in patients with Turner syndrome during treatment with growth hormone. *Ultrasound Obstet Gynecol* 2003; 22: 172-177.
- 16) V. Brazzelli, D. Larizza, E. Roveda, T. Barbagallo, F. Prestinari, V. Calcaterra, E. Bellani, S. Caimmi, T. Muratori, G. Borroni. Ipertricosi iatrogena acquisita localizzata. Segnalazione di un paziente pediatrica. *G Ital dermatol Venereol* 2003; 138: 483-486.
- 17) M. Cisternino, V. Calcaterra, C. de Sanctis, T. Arrigo, G. Chiumello, R. D'Alterio, S. Einaudi, M. Wasnieska, C. Zambetti. L'impiego della formulazione trimestrale della leuprorelina (11,25 mg) nel trattamento della pubertà precoce. *Donna Domani CIC Edizioni Internazionali* 2004: 258-263.
- 18) V. Brazzelli, D. Larizza, M. Martinetti, S. Martinoli, V. Calcaterra, A. De silvestri, R. Pandolci, G. Borroni. Halo nevus, rather than vitiligo, is a typical dermatologic finding of Turner's syndrome: clinical, genetic, and immunogenetic study in 72 patients. *Journal of the American Academy of Dermatology* 2004; 51: 354-358.
- 19) A. Zankl, L. Bonafè, V. Calcaterra, M. Di Rocco, A. Superti-Furga. Winchester sindrome caused by a homozygous mutation affecting the active site of matrix metalloproteinase 2. *Clinical Genetics* 2005; 67:261-266.
- 20) A.M. Pasquino, I. Pucarelli, M. Segni, L. Tarani, V. Calcaterra, D. Larizza. Adult height in sixty girls with Turner syndrome treated with growth hormone matched with an untreated group. *J Endocrinol Invest* 2005; 28:350-356
- 21) V. Brazzelli, F. Prestinari, T. Barbagallo, E. Bellini, V. Calcaterra, D. Larizza, M. Lauriola, G. Borroni. Acquired ichthyosis and hypertrichosis due to autoimmune thyroiditis: therapeutic response to thyroxine replacement. *Pediatric Dermatology* 2005;22: 447-449
- 22) D. Larizza, V. Calcaterra, T. Mondello, P. Brambilla, G. Lanati, M. Cisternino. La pubertà precoce: aspetti diagnostici e terapeutici. *L'Endocrinologo* 2005;6:1-9
- 23) D. Larizza, V. Calcaterra, M. Martinetti, R. Negrini, A. De Silvestri, M. Cisternino, AM Iannone, E. Solcia. Helicobacter pilori infection and autoimmune thyroid disease in young patients: the disadvantage of carrying the human leukocyte antigen-DRB1*0301 allele. *J Clin Endocrinol Metab* 2006; 91:176-179
- 24) D. Larizza, V. Calcaterra, P. Sampaolo, G. Lanati, P. Brambilla, T. Mondello, S. Cesari. Unusual Presentation of juvenile granulosa cell tumor of the ovary. *J Endocrinol Invest* 2006; 29:653-656. IF 1.469

- 25) D. Larizza, V. Calcaterra, T. Mondello, P. Brambilla, G. Lanati, M. Cisternino. Pubertà precoce: aspetti diagnostici e terapeutici. *Aggiornamento Medico* 2006;30:202-211.
- 26) M. Cisternino, V. Calcaterra, T. Mondello, S. Osimani. Celiachia e pubertà precoce centrale. Una rara associazione. *Casi clinici, Endocrinologia*, 2006.
- 27) L. Lanzarini, D. Larizza, G. Prete, V. Calcaterra, C. Klersy. Prospective evaluation of aortic dimensions in turner syndrome: a 2-dimensional echocardiographic study. *J Am Soc Echocardiogr* 2007;20:307-312
- 28) M.T. Tenconi, G. Devoti, M. Pomelli, M. Pinon, A. Capocchiano, V. Calcaterra, G. Pretti and the Pavia T1DM Registry Group. Major childhood infectious diseases and other determinants associated with type 1 diabetes: a case-control study. *Acta Diabetol* 2007;44:14-19.
- 29) L. Lanzarini, D. Larizza, G. Prete, V. Calcaterra, G. Meloni, L. Sammarchi, C. Klersy. Aortic dimensions in Turner's syndrome: two-dimensional echocardiography versus magnetic resonance imaging. *J Cardiovasc Med (Hagerstown)* 2007;8(6):428-437.
- 30) M. Cisternino, V. Calcaterra, T. Mondello, E. Civardi, C. Murachelli, F. Scaglia, D. Lisini. The influence of adrenarche on bone age and final height prediction of patients with central precocious puberty before and during GnRH analog therapy. *JPEM* 2007;20:291-296.
- 31) V. Calcaterra, L. Lanzarini, B. Guerci, L. Mancini, D. Giovenale, F. Scaglia and D. Larizza. Pregnancy in woman with Turner syndrome and celiac disease. *J Endocrinol Invest* 2007;30:598-600
- 32) V. Brazzelli, F. Muzio, T. Barbagallo, L. Fornara, F. Donadini, B. Guerci, L. Mancini, V. Calcaterra, D. Larizza. Zosteriform connective tissue nevus in a pediatric patient. *Pediatr Dermatol* 2007;24:557-558
- 33) V. Calcaterra, C. Klersy, T. Muratori, S. Telli, C. Caramagna, F. Scaglia, M. Cisternino, D. Larizza. Prevalence of metabolic syndrome (MS) in children and adolescents with varying degrees of obesity. *Clin Endocrinol* 2008;68(6):868-72.
- 34) E. D'Amato, G. d'Annunzio, V. Calcaterra, V. Borsellino, D. Larizza, R. Lorini. Horseshoe kidney malformation in Turner syndrome is not associated with HNF-1 beta gene mutations. *Pediatr Nephrol* 2008; 23:137-140
- 35) E. Orilieri, G. Cappellano, R. Clementi, A. Cometa, M. Ferretti, E. Cerutti, F. Cadario, M. Martinetti, D. Larizza, V. Calcaterra, G. D'Annunzio, R. Lorini, F. Cerutti, G. Bruno, A. Chiocchetti, U. Dianzani. Variations of the perforin gene in patients with with type 1 diabetes *Diabetes* 2008;57:1078-1088
- 36) V. Brazzelli, D. Larizza, F. Muzio, V. Calcaterra, L. Fornara, C. Klersy, G. Borroni. Low frequency of acne vulgaris in adolescent girls and women with Turner's syndrome: a clinical, genetic and hormonal study of 65 patients. *Br J Dermatol.* 2008 Nov;159(5):1209-11.
- 37) M. Cisternino, P. Sampaolo, E. Borali, I. Possenti, V. Calcaterra. Il trattamento della sindrome dell'ovaio policistico (PCOs) in età adolescenziale. *Rivista Italiana di Medicina dell'adolescenza* 2008;2: 78-83
- 38) Calcaterra V, Sampaolo P, Klersy C, Larizza D, Alfei A, Brizzi V, Benedenti F, Cisternino M. Utility of breast ultrasonography in the diagnostic work-up of precocious puberty and proposal of a prognostic index for identifying girls with rapidly progressive central precocious puberty. *Ultrasound Obstet Gynecol* 2009;33(1):85-91.
- 39) Boschetti M, Larizza D, Calcaterra V, Arrigo M, Fazzuoli L, Di Battista E, Ferone D, Minuto F. Effect of environment on growth: auxological and hormonal parameters in African and Italian children. *Growth Hormone & IGF Research* 2009;19(3):238-41
- 40) Calcaterra V, Coscia D.R., Sgarella A., Burrioni B., Podetta M., Andorno A., Ferrari A., Larizza D. Recurrence of giant juvenile breast fibroadenoma in a girl with Turner syndrome. *J Pediatr Endocrinol Metab.* 2009;22(3):281-3.
- 41) Pasquali L, d'Annunzio G, Gastaldi R, Di Battista E, Calcaterra V, Larizza D, Lorini R, D'Amato E. Collectrin gene screening in Turner syndrome patients with kidney malformation. *J Genet.* 2009;88(1):105-8.
- 42) Larizza D, Calcaterra V, Martinetti M. Autoimmune stigmata in Turner syndrome: when lacks an X chromosome. *J Autoimmun.* 2009;33(1):25-30.
- 43) Calcaterra V, De Amici M, Klersy C, Torre C, Brizzi V, Scaglia F, Albanesi M, Albertini R, Allais B, Larizza D. Adiponectin, IL-10 and metabolic syndrome in obese children and adolescents. *Acta Biomed* 2009; 80:117-123.
- 44) Tenconi MT, Devoti G, Rizzo M, Roncarolo F, Bernasconi A, Lanati N, Calcaterra V, Sondini M, Locatelli M, Bottazzo GF. Type 1 diabetes risk and autoantibody positivity in Sardinian migrants in the province of Pavia. *North American Journal of Medical Sciences* 2009; 1(2):48-53.
- 45) Chiocchetti A, Orilieri E, Cappellano G, Barizzone N, D'Alfonso S, D'Annunzio G, Lorini R, Ravazzolo R, Cadario F, Martinetti M, Calcaterra V, Cerutti F, Bruno G, Larizza D, Dianzani U. The osteopontin gene+1239 A/C single nucleotide polymorphism is associated with type 1 diabetes mellitus in the Italian population. *International Journal of Immunopathology and Pharmacology* 2010;23(1):263-9.
- 46) Coppola S, Del Bo E, Calcaterra V. Obesità infantile e allattamento al seno. *Nascere* 2010;110:25-29.
- 47) Brazzelli V, Larizza D, Muzio F, Fornara L, Calcaterra V, Vassallo C, Scaglia F, Borroni G. Acquired ichthyosis in a child with autoimmune thyroiditis. *Pediatr Dermatol.* 2010;27(4):413-4.
- 48) Mangione F, Calcaterra V, Esposito C, Dal Canton A. Renal blood flow redistribution during acute kidney injury. *Am J Kidney Dis.* 2010;56(4):785-7.

- 49) Calcaterra V, Klersy C, Muratori T, Caramagna C, Brizzi V, Albertini R, Larizza D. Thyroid ultrasound in patients with Turner syndrome: influence of clinical and auxological parameters. *J Endocrinol Invest.* 2011;34:260-4
- 50) Scaramuzza AE, Iafusco D, Rabbone I, Bonfanti R, Lombardo F, Schiaffini R, Buono P, Toni S, Cherubini V, Zuccotti GV; Diabetes Study Group of the Italian Society of Paediatric Endocrinology and Diabetology (Cherubini V, Cester AM, Salardi S, Zucchini S, Radetti G, Pasquino B, Prandi E, Gallo F, Frongia P, Zedda MA, La Loggia A, Lo Presti D, Citriniti F, Pocecco M, De Marco R, Chiarelli F, Tumini S, Lazzaro N, Vergerio A, Toni S, Lenzi L, Cotellessa M, Lucchesi S, Meossi C, Pardi D, Taccardi R, Lombardo F, Bonfanti R, Meschi F, Zuccotti GV, Scaramuzza A, Spiri D, De Palma A, Boccato S, Prisco F, Iafusco D, Franzese A, Buono P, Cadario F, Piredda G, Monciotti CM, Cardella F, Vanelli M, Chiari G, Calcaterra V, Cantoni S, Marsciani A, Cappa M, Schiaffini R, Manca Bitti ML, Sulli N, Shashaj B, Delvecchio M, Marinaro AM, Cerutti F, Rabbone I, Fontana F, Cauvin V, Gargantini L, Salvatoni A, Pinelli L, Sabbion A, Arnaldi C). Use of integrated real-time continuous glucose monitoring/insulin pump system in children and adolescents with type 1 diabetes: a 3-year follow-up study. *Diabetes Technol Ther.* 2011;13(2):99-103.
- 51) Calcaterra V, Bottazzi A, Tzialla C, D'Arrigo S, Larizza D. Iatrogenic diabetes mellitus during ACTH therapy in an infant with West syndrome. *Acta Diabetol.* 2011;48:345-347
- 52) Franzese A, Iafusco D, Spadaro R, Cavaliere O, Prisco F, Auricchio R, Troncone R, Valerio G; The Study-Group on Diabetes of Italian Society of Pediatric Endocrinology and Diabetology (ISPED) (Lera R, Cherubini V, Biagioni M, Pasquino B, Gallo F, Suprani T, Tumini S, Lazzaro N, Toni S, D'Annunzio G, Emmanuele V, Bruzzese M, Lombardo F, Bonfanti R, Tronconi GM, Iughetti L, Monciotti C, Cardella F, Chiari G, Vanelli M, Calcaterra V, Federico G, Crino A, Cappa M, Patera I, Negro I, Delvecchio M, Giovanni S, Rabbone I, Fontana F, Guerraggio L, Salvatoni A, Costantini C, Pinelli L.). Potential celiac disease in type 1 diabetes: A multicenter study. *Diabetes Res Clin Pract.* 2011; 92:53-56.
- 53) Ricotti S, Petrucci L, Carenzio G, Klersy C, Calcaterra V, Larizza D, E Dalla Toffola. Prevalence and incidence of scoliosis in Turner syndrome: a study in 49 girls followed-up for 4 years. *Eur J Phys Rehabil Med.* 2011; 47:447-453
- 54) Calcaterra V, Gamba G, Montani N, de Silvestri A, Terulla V, Lanati G, Larizza D. Thrombophilic screening in Turner syndrome. *J Endocrinol Invest.* 2011;34:676-679
- 55) Larizza D, Danesino C, Maraschio P, Caramagna C, Klersy C, Calcaterra V. Familial occurrence of Turner syndrome : casual event or increased risk? *J Pediatr Endocrinol Metab* 2011;24:223-225
- 56) Calcaterra V, Martinetti M, Salina A, Aloï C, Larizza D. The coexistence of type 1 diabetes, MODY2 and metabolic syndrome in a young girl. *Acta Diabetol* 2011 Jun 18 [Epub ahead of print]
- 57) Lombardo F, Messina MF, Salzano G, Rabbone I, Lo Presti D, Calcaterra V, Aversa T, De Luca F. Prevalence, presentation and clinical evolution of Graves' disease in children and adolescents with type 1 diabetes mellitus. *Horm Res Paediatr* 2011;76:221-225
- 58) Calcaterra V, Muratori T, Klersy C, Albertini R, Caramagna C, Brizzi V, Larizza D. Early-onset metabolic syndrome in prepubertal obese children and the possible role of alanine aminotransferase as marker of metabolic syndrome. *Ann Nutr Metab* 2011;58:307-314
- 59) Russo L, Iafusco D, Brescianini S, Nocerino V, Bizzarri C, Toni S, Cerutti F, Monciotti C, Pesavento R, Iughetti L, Bernardini L, Bonfanti R, Gargantini L, Vanelli M, Aguilar-Bryan L, Stazi MA, Grasso V, Colombo C, Barbetti F; ISPED Early Diabetes Study Group (Lera R, Cherubini V, Fifi AR, Torelli C, Frezza E, Cavallo L, Zucchini S, Pasquino B, Kaufmann P, Frongia P, Zedda N, Ripoli C, La A, Cicchetti M, Presti DL, Citriniti F, Pocecco M, Chiarelli F, Tumini S, Donno MD, De Marco MR, Lazzaro N, Banin P, Toni S, Lenzi L, Lorini R, D'Annunzio G, Lucchesi S, Mammi F, Meossi C, Bontempi F, Carrara M, Pardi D, Taccardi R, Lombardo F, Meschi F, Bonfanti R, Iughetti L, Franzese A, Buono P, Prisco F, Iafusco D, Cadario F, Milia AF, Bellu L, Piredda G, Monciotti CM, Cardella F, Vanelli M, Chiari G, Calcaterra V, Giorgi GD, Federico G, Citro F, Marsciani A, Cappa M, Bizzarri C, Sulli N, Barbetti F, Manca Bitti ML, Giovanni Rotondo S, Delvecchio M, Cotellessa M, Marinaro AM, Pesavento R, Cerutti F, Rabbone I, Fontana F, Cauvin V, Bellizzi M, Gargantini L, Tonini G, Faleschini E, Salvatoni A, Trada M, Pinelli L, Araldi C, Vergerio A) Permanent diabetes during the first year of life: multiple gene screening in 54 patients. *Diabetologia.* 2011;54:1693-1701.
- 60) Brazzelli V, Calcaterra V, Muzio F, Klersy C, Larizza D, Borroni G. Reduced sebum production in Turner syndrome. A study of 22 patients. *International Journal of Immunopathology and Pharmacology* 2011;24:789-92.
- 61) Meazza C, Albertini R, Pagani S, Sessa N, Laarej K, Falcone R, Bozzola E, Calcaterra V, Bozzola M. Diagnosis of Growth Hormone Deficiency is Affected by Calibrators Used in GH Immunoassays. *Horm Metab Res.* 2012 Jun 6. [Epub ahead of print]
- 62) Bozzola E, Krzysztofiak A, Bozzola M, Calcaterra V, Quondamcarlo A, Lancella L, Villani A. HHV6 meningoencephalitis sequelae in previously healthy children. *Infection.* 2012 Oct;40(5):563-6
- 63) Valerio G, Iafusco D, Zucchini S, Maffei C; The Study-Group on Diabetes of the Italian Society of Pediatric Endocrinology and Diabetology (ISPED) (Lera R, Cherubini V, Biagioni M, Rollo A, Gallo F, Toni S, Guasti M, Mammi F, Bruzzese M, Lombardo F, Salzano G, Scaramuzza A, Zuccotti GV, Sacco H, Iughetti L, Predieri B, Calcaterra V, Federico G, Marchi B, Cerutti F, Rabbone I, Cardinale G, De Berardinis F, De Donno V, Franzese A, Mozzillo E, Prisco F, Zedda MA, Ripoli C). Abdominal adiposity and cardiovascular risk factors in adolescents with type 1 diabetes. *Diabetes Res Clin Pract.* 2012 Jul;97(1):99-104.
- 64) Valerio G, Licenziati MR, Tanas R, Morino G, Ambruzzi AM, Balsamo A, Brambilla P, Bruzzi P, Calcaterra V, Crinò A, De Falco R, Franzese A, Giordano U, Grugni G, Iaccarino Idelson P, Iughetti L, Maffei C, Manco M, Miraglia Del Giudice E, Mozzillo E, Zito E, Bernasconi S. Management of children and adolescents with severe obesity. *Minerva Pediatr.* 2012 Aug;64(4):413-432.
- 65) Nisticò L, Iafusco D, Galderisi A, Fagnani C, Cotichini R, Toccaceli V, Stazi MA; the Study Group on Diabetes of the Italian Society of Pediatric Endocrinology and Diabetology (Cherubini V, Iannilli A, Papparusso AM, Cavallo L, Zecchino C, de Filippo G, Gargantini L, Salardi S, Zucchini S, Maltoni G, Pasquino B, Kaufmann P, Buzi F, Prandi E, Gallo F, Cicchetti M, Castaldo E, Citriniti F, Chiarelli F, Tumini S, Di Stefano A, Sperli D, De Marco R, Banin P, Toni S, Lenzi L, Del Vecchio M, Lorini R, D'Annunzio G, Ingletto D, Scaramuzza A, Zuccotti GV, Chiumello G, Meschi F, Bonfanti R, Frontino G, de Luca F, Lombardo F, Salzano G, Iughetti L, Franzese A, Buono P, De Simone I, Prisco F, Cocca A, Cadario F, Monciotti CM, Savio V, Cardella F, Vanelli M, Chiari G, Errico K, Iovane B, Calcaterra V, Citro F, Cantoni S, Marsciani A, Cappa M, Patera I, Schiaffini R, Sulli N, Spoleitini M, Cerutti F, Rabbone I, Sicignano S, Cauvin V, Bellizzi M, Tonini G, Faleschini E, Salvatoni A, Pinelli L, Maffei C, Contreas G). Emerging Effects of Early

Environmental Factors over Genetic Background for Type 1 Diabetes Susceptibility: Evidence from a Nationwide Italian Twin Study. *J Clin Endocrinol Metab.* 2012 Aug;97(8):E1483-E1491.

66) Larizza D, Calcaterra V, Klersy C, Badulli C, Caramagna C, Ricci A, Brambilla P, Salvaneschi L, Martinetti M. Common immunogenetic profile in children with multiple autoimmune diseases: the signature of HLA-DQ pleiotropic genes. *Autoimmunity.* 2012 Sep;45(6):470-5.

67) Calcaterra V, Mannarino S, Corana G, Codazzi AC, Mazzola A, Brambilla P, Larizza D. Hypertension during therapy with triptorelin in a girl with precocious puberty. *In press on Ind J Ped* 2012

68) Calcaterra V, Cena H, Nakib G, Fonte M, Vandoni M, Valenti A, Biancotti V, z G. "Robotic-assisted gastroplication in a morbidly obese adolescent: Early improvement in metabolic and neurohormonal parameters. *In press on Pediatric Reports* 2012

69) Nakib G, Calcaterra V, Scorletti F, Romano P, Goruppi I, Mencherini S, Avolio L, Pelizzo G. Robotic assisted surgery in pediatric gynecology: promising innovation in miniinvasive surgical procedures. *In press on Journal of Pediatric and Adolescent Gynecology* 2013;26(1):e5-7. doi: 10.1016/j.jpag.2012.09.009

70) Pelizzo G, Nakib G, Alfei A, Iasci A, Cena H, Locatelli D, Mosconi M, Zappoli F, Calcaterra V. Foetal neural tube defects in pregnant women previously submitted to bariatric surgery: more attention to a new emerging entity. *Prenat Diagn.* 2013;33(2):196-7.

71) Marigliano M, Morandi A, Maschio M, Costantini S, Contreas G, D'Annunzio G, Calcaterra V, Maffei C. Diabetic ketoacidosis at diagnosis: role of family history and class II HLA genotypes. *Eur J Endocrinol.* 2012 Dec 10;168(1):107-11.

72) Calcaterra V, Larizza D, Codrons E, De Silvestri A, Brambilla P, Abela S, Arpesella M, Vandoni M. Improved metabolic and cardiorespiratory fitness during recreational training program in obese children. *J Pediatr Endocrinol Metab.* 2013;26(3-4):271-6.

73) Calcaterra V, Malvezzi AC, Tolva R, Berardinelli A, Bozzola E, Bozzola M, Larizza D. Growth hormone deficiency in a patient with Becker muscular dystrophy: a pediatric case report. *Case Rep Endocrinol.* 2013;2013:684249

74) Pelizzo G, Nakib G, Veggiotti P, Savasta S, Raffaele A, Calcaterra V. Suicide attempt in pre-pubertal age. What quality of life in a child with incurable disease? *Child Care Health Dev.* 2013 Apr 18. doi: 10.1111/cch.12067

75) Meazza C, Lausch E, Pagani S, Bozzola E, Calcaterra V, Superti-Furga A, Silengo M, Bozzola M. 3-M syndrome associated with growth hormone deficiency: 18 year follow-up of a patient. *Ital J Pediatr.* 2013 Mar 21;39:21. doi: 10.1186/1824-7288-39-21.

76) Calcaterra V, Vandoni M, Debarbieri G, Larizza D, Albertini R, Arpesella M, Bernardi L. Deep breathing improves blunted baroreflex sensitivity in obese children and adolescents with insulin resistance. *Int J Cardiol.* 2013 Feb 13. doi:pii: S0167-5273(13)00064-8. 10.1016/j.ijcard.2013.01.024.

77) Agretti P, Segni M, De Marco G, Ferrarini E, Di Cosmo C, Corrias A, Weber G, Larizza D, Calcaterra V, Pelizzo M, Cesaretti G, Vitti P, Tonacchera M. Prevalence of activating thyrotropin receptor and gsa gene mutations in paediatric thyroid toxic adenomas: a multicentric italian study. *Clin Endocrinol (Oxf).* 2013 Jan 24. doi: 10.1111/cen.12158.

78) Pelizzo G, Nakib G, Goruppi I, Fusillo M, Scorletti F, Mencherini S, Parigi GB, Stronati M, Calcaterra V. Isolated colon ischemia with norovirus infection in preterm babies: a case series. *J Med Case Rep.* 2013 Apr 17;7(1):108. doi: 10.1186/1752-1947-7-108.

79) Meazza C, Schaab M, Pagani S, Calcaterra V, Bozzola E, Kratzsch J, Bozzola M. Development of antibodies against growth hormone (GH) during rhGH therapy in a girl with idiopathic GH deficiency: a case report. *J Pediatr Endocrinol Metab.* 2013 Apr 2:1-4.

80) Bozzola E, Bozzola M, Calcaterra V, Barberi S, Villani A. Infectious diseases and vaccination strategies: how to protect the "unprotectable"? *ISRN Prev Med.* 2013;2013:765354

81) Meazza C, Pagani S, Pietra B, Tinelli C, Calcaterra V, Bozzola E, Bozzola M. Different Long-Term Response to Growth Hormone Therapy in Small- versus Appropriate-for-Gestational-Age Children with Growth Hormone Deficiency. *Horm Res Paediatr.* 2013;79(4):214-9.

82) Nakib G, Calcaterra V, Brunero M, Goruppi I, Quaretti P, Moramarco LP, Bruno R, Raffaele A, Pelizzo G. Portal Hypertension in Childhood Bilateral Wilms' Tumor Survivor: An Excellent Indication for TIPS. *Case Rep Gastrointest Med.* 2013;2013:523154.

83) Nakib G, Calcaterra V, Avolio L, Guazzotti M, Goruppi I, Viglio A, Pelizzo G. Intrascrotal lipoblastoma in a ten year old: case report and review of literature. *Rare Tumors.* 2013 Mar 12;5(1):e11.

84) Pelizzo G, Villanacci V, Salemme M, Nakib G, Calcaterra V, Bassotti G. Intestinal pseudo-obstruction due to small bowel α -actin deficiency in a child with Ehlers-Danlos syndrome. *Tech Coloproctol.* 2013 Aug 21. [Epub ahead of print]

85) Bozzola E, Bozzola M, Magistrelli A, Calcaterra V, Larizza D, Lancella L, Villani A. Paediatric tubercular spinal abscess involving the dorsal, lumbar and sacral regions and causing spinal cord compression. *Infez Med.* 2013 Sep 1;21(3):220-3

86) Calcaterra V, Pelizzo G, Nakib G, Larizza D, Fonte ML, De Amici M, Cena H. Hunger Hormone Profile Monitoring after Gastroplication in an Adolescent. *Horm Res Paediatr.* 2013;80(3):213-6

87) Nakib G, Calcaterra V, Quaretti P, Moramarco LP, Bonalumi G, Brunero M, Pelizzo G. Chemotherapy and Surgical Approach with Repeated Endovascular Embolizations: Safe Interdisciplinary Treatment for Kasabach-Merritt Syndrome in a Small Baby. *Case Rep Oncol* 2014;7:23-28

88) Pelizzo G, Calcaterra V, Ostuni S, Ferraresi M, Parsi MR. Child's suffering: proposals to support and manage the illness. *Journal of Medicine and the Person* 2014, in press

89) Mimmi MC, Ballico M, Nakib G, Calcaterra V, Peiró JL, Marotta M, Pelizzo P. Altered metabolic profile in congenital lung lesions revealed by ¹H nuclear magnetic resonance spectroscopy. *ISRN Analytical Chemistry* 2014 in press

- 90) Calcaterra V, Brambilla P, Carnevale Maffè G, Klersy C, Albertini R, Introzzi F, Bozzola E, Bozzola M, Larizza D. Metabolic syndrome in Turner syndrome and relation between body composition, clinical, genetic and ultrasonographic characteristics. *Metabolic Syndrome and Related Disorders* 2014; 12: 159-164.
- 91) Pelizzo G, Nakib G, Goruppi I, Avolio L, Romano P, Raffaele A, Scorletti F, Mencherini S, Calcaterra V. Pediatric robotic pyeloplasty in patients weighing less than 10kg initial experience. *Surg Laparosc Endosc Percutan Tech.* 2014 Feb;24(1):e29-31.
- 92) Valerio G, Maffei C, Zucchini S, Lombardo F, Toni S, Rabbone I, Federico G, Scaramuzza A, Franzese A, Cherubini V, Zedda MA, Calcaterra V, Lera R, Cardinale G, Bruzzese M, Iughetti L, Gallo F, De Donno V, De Berardinis F, Iafusco D. Geographic variation in the frequency of abdominal adiposity and metabolic syndrome in Italian adolescents with type 1 diabetes. *Acta Diabetol Acta Diabetol.* 2014 Feb;51(1):163-5.
- 93) Nakib G, Calcaterra V, Goruppi I, Romano P, Raffaele A, Schleef J, Pelizzo G. Robotic-assisted surgery approach in a biliary rhabdomyosarcoma misdiagnosed as choledochal cyst. *Rare Tumors.* 2014 Mar 18;6(1):5173.
- 94) Maffè GC, Calcaterra V, Togliola R, Formagnana P, Miceli E, Corazza GR, Larizza D. Usefulness of abdominal ultrasonography with studies of the intestinal loops in Turner syndrome patients. *J Ultrasound.* 2013 May 9;16(3):97-100.
- 95) Pinelli M, Acquaviva F, Barbetti F, Caredda E, Cocozza S, Delvecchio M, Mozzillo E, Pirozzi D, Prisco F, Rabbone I, Sacchetti L, Tinto N, Toni S, Zucchini S, Iafusco D; Italian Study Group on Diabetes of the Italian Society of Pediatric Endocrinology and Diabetology. Identification of candidate children for maturity-onset diabetes of the young type 2 (MODY2) gene testing: a seven-item clinical flowchart (7-iF). *PLoS One.* 2013 Nov 11;8(11):e79933.
- 96) Calcaterra V, Nakib G, Pelizzo G, Rundo B, Anna Rispoli G, Boghen S, Bonetti F, Del Monte B, Gertosio C, Larizza D. Central precocious puberty and granulosa cell ovarian tumor in an 8-year old female. *Pediatr Rep.* 2013 Jul 29;5(3):e13.
- 97) Castronovo C, Rossetti R, Rusconi D, Recalcati MP, Cacciatore C, Beccaria E, Calcaterra V, Invernizzi P, Larizza D, Finelli P, Persani L. Gene dosage as a relevant mechanism contributing to the determination of ovarian function in Turner syndrome. *Hum Reprod.* 2014 Feb;29(2):368-79.
- 98) Scaramuzza A, Cherubini V, Tumini S, Bonfanti R, Buono P, Cardella F, d'Annunzio G, Frongia AP, Lombardo F, Monciotti AC, Rabbone I, Schiaffini R, Toni S, Zucchini S, Frontino G, Iafusco D; Diabetes Study Group of the Italian Society for Pediatric Endocrinology and Diabetology. Recommendations for self-monitoring in pediatric diabetes: a consensus statement by the ISPED. *Acta Diabetol.* 2014 Apr;51(2):173-84.
- 99) Cadario F, Cerutti F, Savastio S, Rabbone I, Tumini S, Bruno G; Italian Society of Pediatric Endocrinology and Diabetology Study Group (SIEDP). Increasing burden, younger age at onset and worst metabolic control in migrant than in Italian children with type 1 diabetes: an emerging problem in pediatric clinics. *Acta Diabetol.* 2014 Apr;51(2):263-7.
- 100) Cherubini V, Pintaudi B, Rossi MC, Lucisano G, Pellegrini F, Chiumello G, Frongia AP, Monciotti C, Patera IP, Toni S, Zucchini S, Nicolucci A; SHIP-D Study Group. Severe hypoglycemia and ketoacidosis over one year in Italian pediatric population with type 1 diabetes mellitus: a multicenter retrospective observational study. *Nutr Metab Cardiovasc Dis.* 2014 May;24(5):538-46.
- 101) Bozzola E, Bozzola M, Tozzi AE, Calcaterra V, Longo D, Krzystofiak A, Villani A. Acute cerebellitis in varicella: a ten year case series and systematic review of the literature. *Ital J Pediatr.* 2014 Jun 19;40(1):57.
- 102) Pelizzo G, Calcaterra V, Fusillo M, Nakib G, Ierullo AM, Alfei A, Spinillo A, Stronati M, Cena H. Malnutrition in pregnancy following bariatric surgery: three clinical cases of fetal neural defects. *Nutr J.* 2014;13:59.
- 103) Bozzola E, Bozzola M, Colafati GS, Calcaterra V, Vittucci A, Luciani M, Villani A. Multiple cerebral sinus thromboses complicating meningococcal meningitis: a pediatric case report. *BMC Pediatr.* 2014 Jun 13;14(1):147.
- 104) Pelizzo G, Mannarino S, Nakib G, Zambaiti E, Maria Ierullo AM, Butera G, Plucchinotta F, Campagnol M, Calcaterra V. Heart ultrasound in prenatal surgery for fetal well-being. The myelomeningocele lamb model. *Experimental Cardiology* 2014; 13: 59.
- 105) Calcaterra V, Vandoni M, Correale L, Larizza D, DeBarbieri G, Albertini R, Tinelli C, Arpesella M, Bernardi L. Deep breathing acutely improves arterial dysfunction in obese children: Evidence of functional impairment? *Nutr Metab Cardiovasc Dis.* 2014 Jul 19. pii: S0939-4753(14)00228-2. doi: 10.1016/j.numecd.2014.06.011.
- 106) Pelizzo G, Ballico M, Mimmi MC, Peirò JL, Marotta M, Federico C, Andreatta E, Nakib G, Sampaolesi M, Zambaiti E, Calcaterra V. Metabolomic profile of amniotic fluid to evaluate lung maturity: the diaphragmatic hernia lamb model. *Multidiscip Respir Med.* 2014;9:54.
- 107) Calcaterra V, Ostuni S, Bonomelli I, Mencherini M, Brunero M, Zambaiti E, Mannarino S, Larizza D, Albertini R, Tinelli C, Pelizzo G. Music benefits on postoperative distress and pain in Pediatric Day Care Surgery, *Pediatric Reports* 2014, 29;6:5534
- 108) Pelizzo G, Mimmi MC, Ballico M, Marotta M, Goruppi I, Peiro JL, Zambaiti E, Costanzo F, Andreatta E, Tonin E, Calcaterra V. Congenital pulmonary malformations: metabolomic profile of lung phenotype in infants. *J Matern Fetal Neonatal Med.* 2015; 27:1-5
- 109) Pelizzo G, Nakib G, Romano P, Avolio L, Mencherini S, Zambaiti E, Raffaele A, Stoll T, Mineo N, Calcaterra V. Five millimetre-instruments in paediatric robotic surgery: Advantages and shortcomings. *MITA* 2015;24:148-153
- 110) Pelizzo G, Bellieni CV, Dell'Oste C, Zambaiti E, Costanzo F, Albertini R, Campagnol M, De Silvestri A, Calcaterra V. Fetal surgery and maternal cortisol response to stress. The myelomeningocele sheep model. *J Matern Fetal Neonatal Med.* 2015;24:1-5.
- 111) Mimmi MC, Ballico M, Amoroso F, Calcaterra V, Marotta M, Peiro JL, Pelizzo G. Phospholipid Profile of Amniotic Fluid in Ovine Model of Congenital Diaphragmatic Hernia (CDH): The Effect of Fetal Tracheal Occlusion. *J Proteome Res.* 2015;14:1465-71.
- 112) Rondinelli M, Novara F, Calcaterra V, Zuffardi O, Genovese S. Wolfram syndrome 2: a novel CISD2 mutation identified in Italian sibs. *Acta Diabetol.* 2015;52:175-8.

- 113) Calcaterra V, Veggiotti P, Palestrini C, De Giorgis V, Raschetti R, Tumminelli M, Mencherini S, Papotti F, Klersy C, Albertini R, Ostuni S, Pelizzo G. Post-operative benefits of animal-assisted therapy in pediatric surgery: a randomised study. *PLoS One*. 2015;10:e0125813.
- 114) Ceccarelli G, Pozzo E, Scorletti F, Benedetti L, Cusella G, Ronzoni FL, Sahakyan V, Zambaiti E, Mimmi MC, Calcaterra V, Deprest J, Sampaolesi M, Pelizzo G. Molecular signature of amniotic fluid derived stem cells in the fetal sheep model of myelomeningocele. *J Pediatr Surg*. 2015; 50:1521-1527.
- 115) Pelizzo G, Avanzini MA, Icaro Cornaglia A, Osti M, Romano P, Avolio L, Maccario R, Dominici M, De Silvestri A, Andreatta E, Costanzo F, Mantelli M, Ingo D, Piccinno S, Calcaterra V. Mesenchymal stromal cells for cutaneous wound healing in a rabbit model. Pre-Clinical study applicable in the pediatric surgical setting. *Journal of Translational medicine* 2015,8;13:219.
- 116) Pelizzo G, Calcaterra V, Mannarino S, Moramarco LP, Leati G, Quaretti P. Aortopulmonary collateral artery in prenatal exposure to carbamazepine - endovascular therapy and technical considerations: a case report. *J Med Case Rep*. 2015;9:183.
- 117) Pelizzo G, Costanzo F, Andreatta E, Calcaterra V. Congenital pulmonary airway malformations: from prenatal diagnosis to postnatal outcome. *Pediatrician update*. *Minerva Pediatr*. 2016;68:299-311.
- 118) Pelizzo G, Bussani R, Zandonà L, Custrin A, Bellieni CV, De Silvestri A, Calcaterra V. Cardiac adaptation to severe congenital diaphragmatic hernia. Immunohistochemical and histological evaluation. *Fetal & Pediatric Pathology* 2016;35:10-20.
- 119) Calcaterra V, Cena H, Fonte ML, De Amici M, Vandoni M, Albanesi M, Pelizzo G. Long-term outcome after robotic-assisted gastroplication in adolescents: Hunger hormone and food preference changes. Two case reports. *J Clin Res Pediatr Endocrinol*. 2016;8:250-256.
- 120) Larizza D, Albanesi M, De Silvestri A, Accordino G, Brazzelli V, Maffè GC, Calcaterra V. Neoplasia in Turner syndrome. The importance of clinical and screening practices during follow-up. *Eur J Med Genet*. 2016 Apr 4;59(5):269-273.
- 121) Zambaiti E, Bussani R, Calcaterra V, Zandonà L, Silvestri F, Peirò JL, Marotta M, Andreatta E, Pelizzo G. Myocardial effects of fetal endoscopic tracheal occlusion in lambs with CDH. *Prenat Diagn*. 2016; 36: 362-267.
- 122) Zucchini S, Scaramuzza AE, Bonfanti R, Buono P, Cardella F, Cauvin V, Cherubini V, Chiari G, d'Annunzio G, Frongia AP, Iafusco D, Maltoni G, Patera IP, Toni S, Tumini S, Rabbone I; Diabetes Study Group of The Italian Society For Pediatric Endocrinology And Diabetology (R. Lera; V. Cherubini (; A. Bobbio; A. Gualtieri; E. Piccinno, C. Zecchino; S. Zucchini, G. Maltoni; B. Pasquino; B. Felappi, E. Prand; F. Gallo; G. Morganti; A. P. Frongia, C. Ripoli; G. Cardinale, G. Ponzi; V. Castaldo ; F. Stamati; D. Lo Presti, L. Tomaselli; F. Citrinitti; T. Suprani, M. Bensa, and V. Graziani; F. De Berardinis; S. Tumini, F. Chiarelli; R. De Marco; N. Lazzaro; V. De Donno ; P. Banin; S. Toni, B. Piccini, and L. Lenzi; B. Mainetti; M. S. Coccioli; d'Annunzio, N. Minuto, and R. Lorini; M. Trada; P. Sogno Valin; L. Beccaria; S. Lucchesi; M. Bruzzese, F. Mammi; D. Cirillo; D. Pardi; R. A. Taccardi; F. Lombardo; A. Scaramuzza, R. Bonfanti, G. V. Zuccotti, and F. Meschi ; L. Iughetti, B. Predieri; A. Franzese, E. Mozzillo, D. Iafusco, and F. Prisco; F. Cadario, S. Savastio ; G. Piredda; C. Monciotti, A. Galderisi; F. Cardella, C. Salvo; G. Chiari; V. Calcaterra; M. G. Berlioli; G. Federico ; A. Favia, G. Zanette; A. Marscian; I. Patera, R. Schiaffini, and M. Cappa; M. Delvecchio; A. Gaiero; I. Rabbone, G. Ignaccolo, and F. Cerutti; F. Fontana; L. Guerraggio, S. Zonca; V. Cauvin, R. Franceschi; G. Tornese; Biagioni M.; A. Salvatoni, R. Cardani ; M. Marigliano, A. Sabbion, and C. Maffeis; E. Schieven; C. Arnaldi). A Multicenter Retrospective Survey regarding Diabetic Ketoacidosis Management in Italian Children with Type 1 Diabetes. *J Diabetes Res*. 2016;2016:5719470.
- 123) Carlini V, Calcaterra V, Decembrino N, Rubert L, Pasqua N, Novario M, Lucioni M, Brunero M, Pelizzo G. Fungal appendicitis in immunocompromised children. Indications and contraindications for laparoscopic appendectomy: report on two successful cases. *Journal of Pediatric Hematology J Pediatr Hematol Oncol*. 2016;38:581-584
- 124) Larizza D, De Amici M, Klersy C, Albanesi M, Albertini R, Badulli C, Torre C, Calcaterra V. Anti-Zinc Transporter Protein 8 Antibody Testing Is Not Informative in Routine Prediabetes Screening in Young Patients with Autoimmune Thyroiditis and Celiac Disease. *Horm Res Paediatr*. 2016;86: 100-105.
- 125) Pelizzo G, Ostuni S, Politi P, Tinelli C, Carlini V, Guazzotti M, Pasqua N, Calcaterra V. Pediatric Day Surgery: Evaluating Patient And Parental Anxiety. *RA Journal of Applied Research* 2016;08:536-543
- 126) Pelizzo G, Bernardi L, Carlini V, Pasqua N, Mencherini S, Maggio G, De Silvestri A, Bianchi L, Calcaterra V. Laparoscopy in children and its impact on brain oxygenation during routine inguinal hernia repair. *J Minim Access Surg*. 2017, 13:51-56.
- 127) Pelizzo G, Mimmi MC, Peiro JL, Marotta M, Amoroso F, Fusillo M, Carlini V, Calcaterra V. Congenital diaphragmatic hernia: endotracheal fluid phospholipidic profile following tracheal occlusion in an experimental model. *J Perinat Med*. 2017; 45: 219-225.
- 128) Nakib G, Calcaterra V, Pelizzo G. Long Standing Presence of a Vaginal Foreign Body (Battery): Severe Stenosis in a 13-Year Old Girl. *J Pediatr Adolesc Gynecol*. 2016 Sep 7. pii: S1083-3188(16)30166-8.
- 129) Palestrini C, Calcaterra V, Cannas S, Talamonti Z, Papotti F, Buttram D, Pelizzo G. Stress level evaluation in a dog during animal-assisted therapy in pediatric surgery. *Journal of Veterinary Behavior: Clinical Applications and Research* 2017; 17: 44-49
- 130) Carlini V, Calcaterra V, Pasqua N, Guazzotti M, Fusillo M, Pelizzo G. Plunging ranula in children: case report and literature review. *Pediatric reports* 2016, 23;8:6576
- 131) Pelizzo G, Calcaterra V, Carlini V, Fusillo M, Manuelli M, Klersy C, Pasqua N, Luka E, Albertini R, De Amici M, Cena H. Nutritional status and metabolic profile in neurologically impaired pediatric surgical patients. *J Pediatr Endocrinol Metab*. 2017;30:289-300.
- 132) Pelizzo G, Calcaterra V, Lombardi C, Bussani R, Zambelli V, De Silvestri A, Custrin A, Belgrano M, Zennaro F. Fetal cardiac impairment in nitrofen-induced congenital diaphragmatic hernia: post-mortem microcomputed tomography imaging study. *Fetal and Pediatric Pathology* 2017; 36: 282-293.

- 133) Pelizzo G, Avanzini MA, Folini M, Bussani R, Mantelli M, Croce S, Travaglino P, Cimino-Reale G, Boni M, Dambruoso I, Calcaterra V. CPAM type 2-derived mesenchymal stem cells: malignancy risk study in a 14-month old boy. *Pediatric Pulmonology* 2017; 52: 990-999.
- 134) Iskandarani F, Hammoud C, Srouf S, Pelizzo G, Nakib G, Calcaterra V, Khanafer A. Isolated ileal perforation in infancy: a lethal initial presentation of Hirschsprung's disease. Case report and literature review. *Pediatr Rep.* 2017 Jun 26;9:7084.
- 135) Nakib G, Calcaterra V, Krishnamurthy B, Pelizzo G. Unusual gastric submucosal perforation following multiple magnetic bead ingestion in an infant. *International Journal of Case Reports and Images* 2017; 8:451-453.
- 136) Pelizzo G, Quaretti P, Moramarco LP, Corti R, Maestri M, Iacob G, Calcaterra V. One step minilaparotomy-assisted transmesenteric portal vein recanalization combined with transjugular intrahepatic portosystemic shunt placement. A novel surgical proposal in pediatrics. *World Journal of Gastroenterology* 2017; 21: 2811-2818
- 137) Grugni G, Licenziati MR, Valerio G, Crinò A, Maffei C, Tanas R, Morino GS, Ambruzzi A, Balsamo A, Bellone S, Bernasconi S [..Calcaterra V..] Children and adolescents with severe or medically complicated obesity: an ISPED expert opinion document. *EATING AND WEIGHT DISORDERS*, vol. 22, p.3-12, ISSN: 1124-4909, doi: 10.1007/s40519-016-0305-5
- 138) Ferraioli G, Calcaterra V, Lissandrini R, Guazzotti M, Maiocchi L, Tinelli C, De Silvestri A, Regalbuto C, Pelizzo G, Larizza D, Filice C. Noninvasive assessment of liver steatosis in children: the clinical value of controlled attenuation parameter. *BMC Gastroenterol.* 2017;17:61.
- 139) Calcaterra V, Cena H, de Silvestri A, Albertini A, De Amici M, Valenza M, Pelizzo G. Stress measured by allostatic load in neurologically impaired children: the importance of nutritional status. *Horm Res Paediatr.* 2017; 88:224-230.
- 140) Pelizzo G, Carlini V, Iacob G, Pasqua N, Maggio G, Brunero M, Mencherini S, De Silvestri A, Calcaterra V. Pediatric Laparoscopy and Adaptive Oxygenation and Hemodynamic Changes. *Pediatr Rep.* 2017;9:7214.
- 141) Bozzola M, Meazza C, Gertosio C, Pagani S, Larizza D, Calcaterra V, Luinetti O, Farello G, Tinelli C, Iughetti L. Omitting duodenal biopsy in children with suspected celiac disease and extra-intestinal symptoms. *Ital J Pediatr.* 2017;43(1):59.
- 142) Calcaterra V, De Giuseppe R, Biino G, Mantelli M, Marchini S, Bendotti G, Madè A, Avanzini MA, Montalbano C, Cossellu G, Larizza D, Cena H. Relation between circulating oxidized-LDL and metabolic syndrome in children with obesity: the role of hypertriglyceridemic waist phenotype. *JPEM* 2017; 30: 1257-1263.
- 143) Nakib G, Mahgoub N, Calcaterra V, Pelizzo G. Renal leiomyoma in pediatric age: a rare case report with review of the literature. *Journal of Pediatric Surgery Case Reports* 2017; 27: 43-46.
- 144) Pelizzo G, Calcaterra V, Villanacci V, Mura GB, Bassotti G. Myotonic dystrophy type 1 and pseudo-obstruction in a child with smooth muscle α -actin deficiency and eosinophilic myenteric plexitis. *Turk J Gastroent* 2018, 29: 226-9.
- 145) Calcaterra V, Cena H, Casali PM, Iacobellis G, Albertini R, De Amici, de Silvestri A, Comparato C, Pelizzo G. Epicardial fat thickness in non-obese neurologically impaired children: association with unfavorable cardiometabolic risk profile. *Ann Nutr Met* 2018; 72:96-103.
- 146) Pelizzo G, Fumagalli M, Tinelli C, De Silvestri A, Albertini R, Avanzini AM, Pasqua N, Zorzetto M, Iadarola P, Calcaterra V. Bronchoalveolar lavage fluid in children: comparative proteomic analysis in infectious and non-infectious lung disease. *Pediatric Allergy, Immunology, and Pulmonology* 2018, *in press*
- 147) Pelizzo G, Guddo A, Puglisi A, De Silvestri A, Comparato C, Valenza M, Bordonaro E, Calcaterra V. Accuracy of a wrist-worn heart rate sensing device during elective pediatric surgical procedures. *Children* 2018;5(3). pii: E38.
- 148) Pelizzo G, Avanzini MA, Mantelli M, Croce S, Maltese A, Vestri E, Percivalle E, Calcaterra V. Granulation tissue-derived mesenchymal stromal cells: a potential application for burn wound healing in pediatric patients. *The Journal of Stem Cells and Regenerative Medicine* 2018, 14:P1.
- 149) Calcaterra V, Clerici E, Ceolin V, Regalbuto C, Larizza D. Gynecomastia during euthyroidism restoration in a patient with type 1 diabetes and Graves' disease. *Clinical Case reports* 2018; 1-4
- 150) Salvi E, Sacchi L, Madè A, Calcaterra V, Bellazzi R, Larizza C. AID-GM: An Advanced System Supporting Continuous Monitoring of T1DM Patients. *Stud Health Technol Inform.* 2018;247:616-620.
- 151) Calcaterra V, Winickoff JP, Klersy C, Schiano LM, Bazzano R, Montalbano C, Musella V, Regalbuto C, Larizza D, Cena H. Smoke exposure and cardio-metabolic profile in youth with type 1 diabetes. *Diabetol Metab Syndr.* 2018 Jul 6;10:53.
- 152) Pelizzo G, Avanzini MA, Icaro Cornaglia A, De Silvestri A, Mantelli M, Travaglino P, Croce S, Romano P, Avolio L, Iacob G, Dominici M, Calcaterra V. Extracellular vesicles derived from mesenchymal cells: perspective treatment for cutaneous wound healing in pediatrics. *Regen Med.* 2018 Jun;13(4):385-394.
- 153) Nakib G, Sajwani S, Abusalah Z, Abdallah A, Ibrahim N, Fattah A, Bussani R, Calcaterra V, Pelizzo G. Recurrent supraventricular tachycardia and necrotizing enterocolitis: a causative role or a simple association? Case report and literature review. *Pediatric reports* 2018, *in press*
- 154) Pelizzo G, Bussani R, Mazzon E, Anfuso C, Lombardi C, Zambelli V, Zandonà L, De Silvestri A, Zennaro F, Calcaterra V. Effects of simvastatin on fetal cardiac impairment in the diaphragmatic experimental hernia model. *Fetal Diagnosis and Therapy* 2018; 10:1-10.
- 155) Pelizzo P, Guazzotti M, Klersy C, Costanzo F, Andreatta E, Bassotti G, Calcaterra V. Spleen size evaluation in support to laparoscopic splenectomy: time to define splenomegaly in children? *Plosone* 2018; 13(8): e0202741.
- 156) Pelizzo G, Puglisi A, Lapi M, Piccione M, Matina F, Busè M, Mura GB, Re G, Calcaterra V. Type IV Laryngotracheoesophageal

cleft associated with type III esophageal atresia in 1p36 deletions containing the RERE gene. Is there a causal role of the genetic alteration? Case reports in Pediatrics 2018 ; 2018: 4060527

157) Pelizzo G, Arbustini E, Pasqua N, Avolio L, Morbini P, Calcaterra V. Thoracoscopic treatment of pneumothorax in Marfan syndrome: hemostatic patch to support lung resection recovery. Case Reports in Surgery 2018;2018: 7597215

158) Calcaterra V, Avanzini MA, Mantelli M, Pelizzo G. Extracellular Vesicles Derived from Mesenchymal Cells for Wound Healing: In Vitro Scratch Assay. Annals of Stem Cell Research & Therapy 2018; 2: 1023.

159) Calcaterra V, Regalbuto C, Savini V, Montalbano C, Larizza D, Cena H. Influence of the carbohydrate counting on auxological parameters and metabolic management in children and adolescents with type 1 diabetes. Journal of Pediatric Diseases 2018;1: 1-7.

160) Calcaterra V, De Amici M, Leonard MM, De Silvestri A, Pelizzo G, Buttari N, Michev A, Leggio M, Larizza D, Cena H. Serum calprotectin level in children: marker of obesity and its metabolic complications. Annals of Nutrition and Metabolism 2018;73(3):177-183.

161) Valerio G, Maffeis C, Saggese G, Ambruzzi MA, Balsamo A, Bellone S, Bergamini M, Bernasconi S, Bona G, Calcaterra V, Canali T, Caroli M, Chiarelli F, Corciulo N, Crinò A, Di Bonito P, Di Pietrantonio V, Di Pietro M, Di Sessa A, Diamanti A, Doria M, Fintini D, Franceschi R, Franzese A, Giussani M, Grugni G, Iafusco D, Iughetti L, Lamborghini A, Licenziati MR, Limauro R, Maltoni G, Manco M, Reggiani LM, Marcovecchio L, Marsciani A, Del Giudice EM, Morandi A, Morino G, Moro B, Nobili V, Perrone L, Picca M, Pietrobelli A, Privitera F, Purromuto S, Ragusa L, Ricotti R, Santamaria F, Sartori C, Stilli S, Street ME, Tanas R, Trifirò G, Umano GR, Vania A, Verduci E, Zito E. Diagnosis, treatment and prevention of pediatric obesity: consensus position statement of the Italian Society for Pediatric Endocrinology and Diabetology and the Italian Society of Pediatrics. Ital J Pediatr. 2018;44(1):88.

162) Calcaterra V, Larizza D, De Giuseppe R, de Liso F, Klersy C, Albertini R, Pozzebon I, Princis MP, Montalbano C, Madè A, Cena H. Diet and lifestyle role in homocysteine metabolism in Turner's syndrome. Medical Principles and Practice 2018 Oct 2. doi: 10.1159/000494138

163) Pelizzo G, Veschi V, Mantelli M, Croce S, Di Benedetto V, D'Angelo P, Maltese A, Catenacci L, Apuzzo T, Scavo E, Moretta A, Todaro M, Stassi G, Avanzini MA, Calcaterra V. Microenvironment in neuroblastoma: isolation and characterization of tumor-derived mesenchymal stromal cells. BMC Cancer. 2018 Nov 27;18(1):1176.

164) Calcaterra V, Avanzini MA, Mantelli M, Agolini E, Croce S, De Silvestri A, Re G, Collura M, Maltese A, Novelli A, Pelizzo G. Filamin A gene mutation and progressive pulmonary disease in an infant: lung tissue derived mesenchymal stem cell study. A case report. Medicine 2018;97(50):e13033.

165) Giuseppe R, Calcaterra V, Biino G, Manuelli M, Rodriguez Mier N, Mantelli M, De Filippo M, Cossellu G, Cena H. Unhealthy lifestyle and oxidative damage in childhood obesity. Eating and Weight Disorders. Studies on Anorexia, Bulimia, and Obesity 2018 Dec 15. doi: 10.1007/s40519-018-0626-7

166) Calcaterra V, Regalbuto C, Madè A, Magistrali M, Leonard MM, Cena H. Coexistence of excessive weight gain and celiac disease in children: an unusual familial condition. Pediatric Gastroenterology, Hepatology & Nutrition 2019; 22(4):407-412

167) Calcaterra V, Cena H, Manuelli M, Sacchi L, Girgenti V, Larizza C, Pelizzo G. Body hydration assessment using bioelectrical impedance vector analysis in neurologically impaired children. Eur J Clin Nutr. 2019 Jan 16. doi: 10.1038/s41430-018-0384-7.

168) Pelizzo G, Calcaterra V, Acierno C, Cena H. Malnutrition and associated risk factors among disabled children. Special considerations in the pediatric surgical "fragile" patients. Frontiers in Pediatrics, 2019;7:86

169) Girgenti V, Pelizzo G, Amoroso S, Rosone G, Di Mitri M, Milazzo M, Giordano S, Genuardi R, Calcaterra V. Emphysematous Pyelonephritis Following Ureterovesical Reimplantation for Congenital Obstructive Megaureter. Pediatric Case Report and Review of the Literature. Front Pediatr. 2019 Jan 24;7:2.

170) Pelizzo G, Collura M, Puglisi A, Pia Pappalardo M, Agolini E, Novelli A, Piccione M, Cacace C, Bussani R, Corsello G, Calcaterra V. Congenital emphysematous lung disease associated with a novel Filamin A mutation. Case report and literature review. BMC Pediatrics 2019;19: 86.

171) Andolfo I, De Rosa G, Errichiello E, Manna F, Eleni Rosato B, Gambale A, Vetro A, Calcaterra V, Pelizzo G, De Franceschi L, Zuffardi O, Russo R, Iolascon A. PIEZO1 hypomorphic variants in congenital lymphatic dysplasia cause shape and hydration alterations of red blood cells. Frontiers in Physiology 2019; 10: 258, doi: 10.3389/fphys.2019.00258

172) Pelizzo G, Villanacci V, Lorenzi L, Doria O, Caruso AM, Girgenti V, Unti E, Putignano L, Bassotti G, Calcaterra V. Sclerosing angiomatoid nodular transformation presenting with abdominal hemorrhage: first report in infancy. Pediatric Reports 2019, 11(2):7848

173) Pelizzo G, Puglisi A, Di Mitri M, De Silvestri A, Mura GB, Amoroso S, Pollicino R, Calcaterra V. Laparoscopy in infants: close intraoperative hemodynamic monitoring for patient safety. Journal of Pediatric Endoscopic Surgery 2019, 10.1007/s42804-019-00004-1

174) Calcaterra V, Pelizzo G, Cena H. BMI Is a Poor Predictor of Nutritional Status in Disabled Children. What Is the Most Recommended Method for Body Composition Assessment in This Pediatric Population? Front Pediatr. 2019 Jun 6;7:226. doi: 10.3389/fped.2019.00226.

175) Calcaterra V, Montalbano C, de Silvestri A, Pelizzo G, Regalbuto C, Paganelli V, Albertini R, Cave FD, Larizza D, Cena H. Triglyceride Glucose Index as a Surrogate Measure of Insulin Sensitivity in a Caucasian Pediatric Population. J Clin Res Pediatr Endocrinol. 2019 May 15. doi: 10.4274/jcrpe.galenos.2019.2019.0024.

176) Bozzola M, Montalbano C, Bozzola E, Calcaterra V, Lazzaro N, Ferrara P, Villani A. Increased Incidence of Early Onset of Puberty in Girls. Arch Pediatr 2019; 4: 165.

177) Calcaterra V, Montalbano C, Miceli E, Luinetti O, Albertini R, Vinci F, Regalbuto C, Larizza D. Anti-gastric parietal cell antibodies for autoimmune gastritis screening in juvenile autoimmune thyroid disease. J Endocrinol Invest. 2019 Jul 1.

- 178) Calcaterra V, Regalbuto C, Madè A, Magistrali M, Leonard MM, Cena H. Coexistence of Excessive Weight Gain and Celiac Disease in Children: An Unusual Familial Condition. *Pediatr Gastroenterol Hepatol Nutr.* 2019 Jul;22(4):407-412.
- 179) Calcaterra V, Vinci F, Casari G, Pelizzo G, de Silvestri A, De Amici M, Albertini R, Regalbuto C, Montalbano C, Larizza D, Cena H. Evaluation of Allostatic Load as a Marker of Chronic Stress in Children and the Importance of Excess Weight. *Front Pediatr.* 2019 Aug 7;7:335.
- 180) Pelizzo G, Avanzini MA, Lenta E, Mantelli M, Croce S, Catenacci L, Acquafredda G, Ferraro AL, Giambanco C, D'Amelio L, Giordano S, Re G, Zennaro F, Calcaterra V. Allogeneic mesenchymal stromal cells: Novel therapeutic option for mutated FLNA-associated respiratory failure in the pediatric setting. *Pediatr Pulmonol.* 2019 Aug 29.
- 181) Calcaterra V, Cena H, De Silvestri A, Girgenti V, Bommarito D, Pelizzo G. Diabetes Type 2 in Neurologically Impaired Children and Adolescents Without Obesity: A New Emerging Entity? *Front Neurol.* 2019 Aug 29;10:947.
- 182) Calcaterra V, Regalbuto C, Dobbiani G, Montalbano C, Vinci F, De Silvestri A, Albertini R, Larizza D. Autoimmune Thyroid Diseases in Children and Adolescents with Maturity Onset Diabetes of the Young Type 2. *Horm Res Paediatr.* 2019 Sep 4:1-4.
- 183) Rabbone I, Maltoni G, Tinti D, Zucchini S, Cherubini V, Bonfanti R, Scaramuzza A; Diabetes Study Group of the Italian Society for Pediatric Endocrinology and Diabetology (ISPED). Diabetic ketoacidosis at the onset of disease during a national awareness campaign: a 2-year observational study in children aged 0-18 years. *Arch Dis Child.* 2019 Oct 9.
- 184) Calcaterra V, Vittoni V, Regalbuto C, Mina T, Bergami E, Iafusco D. Not only diabetes mellitus: When the low level of HbA1c may be pathognomonic of an erythrocyte defect. *J Diabetes.* 2019 Oct 9.
- 185) Calcaterra V, Cena H, De Silvestri A, Di Mitri M, Pelizzo G. Disorders of Puberty in Severely Neurologically Impaired Children: Is Delayed Puberty an Underestimated Problem? *Front Pediatr.* 2019 Nov 14;7:462.
- 186) Pelizzo G, Finazzo F, Vitaliti MS, Bellieni CV, Calcaterra V. Left-sided congenital diaphragmatic hernia and liver-up: time to revise simplistic views? *J Matern Fetal Neonatal Med.* 2019 Dec 25:1-3.
- 187) Pelizzo G, Nakib G, Calcaterra V. Pediatric and adolescent gynecology: Treatment perspectives in minimally invasive surgery. *Pediatr Rep.* 2019 Dec 2;11(4):8029.
- 188) Salvi E, Bosoni P, Tibollo V, Kruijver L, Calcaterra V, Sacchi L, Bellazzi R, Larizza C. Patient-Generated Health Data Integration and Advanced Analytics for Diabetes Management: The AID-GM Platform. *Sensors (Basel).* 2019 Dec 24;20(1).
- 189) Nakib G, Nesnas Z, Amoroso S, Calcaterra V, Pelizzo G. Laparoscopic nephrectomy in crossed fused kidney ectopia with severe hydronephrosis in 2 year-old child. *Journal of Pediatric Surgery Case Reports* 2020; 53: 101368
- 190) Calcaterra V, Regalbuto C, Delle Cave F, Larizza D, Iafusco D. GCK-MODY and Obesity: symptom overlap makes diagnosis difficult. *Acta diabetologica* 2020. DOI: 10.1007/s00592-019-01473-9
- 191) Calcaterra V, Montalbano C, Miceli E, Luinetti O, Albertini R, Vinci F, Regalbuto C, Larizza D. Anti-gastric parietal cell antibodies for autoimmune gastritis screening in juvenile autoimmune thyroid disease. *J Endocrinol Invest.* 2020 Jan;43(1):81-86. doi: 10.1007/s40618-019-01081-y. Epub 2019 Jul 1. PMID: 31264142.
- 192) Calcaterra V, Larizza D, De Silvestri A, Albertini R, Vinci F, Regalbuto C, Dobbiani G, Montalbano C, Pelizzo G, Cena H. Gender-based differences in the clustering of metabolic syndrome factors in children and adolescents. *J Pediatr Endocrinol Metab.* 2020 Feb 25;33(2):279-288. doi: 10.1515/jpem-2019-0134. PMID:31927520.
- 193) Silvestro S, Calcaterra V, Pelizzo G, Bramanti P, Mazzon E. Prenatal Hypoxia and Placental Oxidative Stress: Insights from Animal Models to Clinical Evidences. *Antioxidants (Basel).* 2020 May 12;9(5):414.
- 194) Grand A, Rochette E, Dutheil F, Gozal D, Calcaterra V, Berni Canani R, Cobanoglu N, Derikx JPM, Terrin G, Pereira B, Merlin E. Body Mass Index and Calprotectin Blood Level Correlation in Healthy Children: An Individual Patient Data Meta-Analysis. *J Clin Med.* 2020 Mar 20;9(3):857. doi: 10.3390/jcm9030857. PMID: 32245056; PMCID: PMC7141538.
- 195) Calcaterra V, Vittoni V, Regalbuto C, Mina T, Bergami E, Iafusco D. Not only diabetes mellitus: When the low level of HbA1c may be pathognomonic of an erythrocyte defect. *J Diabetes.* 2020 Feb;12(2):179-180. doi: 10.1111/1753-0407.12993. Epub 2019 Oct 23. PMID: 31596549.
- 196) Pagani S, Calcaterra V, Acquafredda G, Montalbano C, Bozzola E, Ferrara P, Gasparri M, Villani A, Bozzola M. MKRN3 and KISS1R mutations in precocious and early puberty. *Ital J Pediatr.* 2020 Mar 30;46(1):39.
- 197) De Giuseppe R, Calcaterra V, Biino G, Manuelli M, Mier NR, Mantelli M, De Filippo M, Cossellu G, Cena H. Unhealthy lifestyle and oxidative damage in childhood obesity. *Eat Weight Disord.* 2020 Apr;25(2):481-486.
- 198) Calcaterra V, Vandoni M, Carnevale Pellino V, Cena H. Special Attention to Diet and Physical Activity in Children and Adolescents With Obesity During the COVID-19 Pandemic. *Forntiers in Pediatrics* 2020, 26;8:407.
- 199) Calcaterra V, Klersy C, Vinci F, Regalbuto C, Dobbiani G, Montalbano C, G, Albertini R, Larizza D. Rapid progressive central precocious puberty: diagnostic and predictive value of basal sex hormone levels and pelvic ultrasound. *J Pediatr Endocrinol Metab.* 2020 May 22;33(6):785-791.
- 200) Pelizzo G, Bussani R, De Silvestri A, Di Mitri M, Rosone G, Amoroso S, Milazzo M, Girgenti V, Mura GB, Unti E, Rozze D, Shafiei V, Calcaterra V. Laparoscopic Cholecystectomy for Symptomatic Cholelithiasis in Children: Defining Surgical Timing. *Front Pediatr.* 2020 May 8;8:203.
- 201) De Giuseppe R, Calcaterra V, Biino G, Rodriguez N, Gerbaldo A, Mantelli M, Cena H. Dietary habits and physical activity: which influence on abdominal fat deposition in children and adolescents? *Journal: Mediterranean Journal of Nutrition and Metabolism* 2020; 1-

- 202) Calcaterra V, Regalbuto C, Manuelli M, Klersy C, Pelizzo G, Albertini R, Vinci F, Larizza D, Leonard MM, Cena H. Screening for celiac disease among children with overweight and obesity: toward exploring celiac iceberg. *J Pediatr Endocrinol Metab.* 2020 Jul 13:/jppem.ahead-of- print/jpem-2020-0076/jpem-2020-0076.xml.
- 203) Pelizzo G, Cardinali L, Bonanno L, Marino S, Cavaliere C, Aiello M, Bramanti P, Mazzon E, Soddu A, Calcaterra V. Training Skills in Minimally Invasive, Robotic and Open Surgery: Brain Activation as an Opportunity for Learning. *Eur Surg Res.* 2020 Jun 25:1-16.
- 204) Calcaterra V, Crivicich E, De Silvestri A, Amariti R, Clemente AM, Bassanese F, Regalbuto C, Vinci F, Albertini R, Larizza D. Timing, prevalence, and dynamics of thyroid disorders in children and adolescents affected with Down syndrome. *J Pediatr Endocrinol Metab.* 2020 Jul 11:/jppem.ahead-of- print/jpem-2020-0119/jpem-2020-0119.xml. doi: 10.1515/jpem-2020-0119.
- 205) Calcaterra V, Nappi RE, Regalbuto C, De Silvestri A, Incardona A, Amariti R, Bassanese F, Clemente AM, Vinci F, Albertini R, Larizza D. Gender Differences at the Onset of Autoimmune Thyroid Diseases in Children and Adolescents. *Front Endocrinol.* 2020 Apr 17;11:229.
- 206) Pelizzo G, Milazzo M, Colombo LF, Di Mitri M, Calcaterra V. Popliteal pterygium syndrome and surgical approach in a preterm neonate. *Congenit Anom (Kyoto).* 2020 Jul 29. doi: 10.1111/cga.12387.
- 207) Gaudino R, Calcaterra V, Farello G, Gasparri M, Maria Monti C, Bozzola E, Villani, Bozzola M. Diagnosis of Precocious Puberty in Girls. *International Journal of Pediatrics and Child Health* 2020; 8:1-8.
- 208) Gaudino R, Calcaterra V, Farello G, Gasparri M, Maria Monti C, Bozzola E, Villani, Bozzola M. Management and Outcomes of Idiopathic Central Precocious Puberty in Girls. *International Journal of Pediatrics and Child Health* 2020; 8:16-22.
- 209) Pelizzo G, Vallone MG, Milazzo M, Rosone G, Amoroso S, Pavone G, D'Alessandro MM, Unti E, Calcaterra V. Renal angiomyolipomatosis and bleeding aneurysms in a tuberous sclerosis context: selective artery embolization in a girl with end-stage renal failure. *Pediatric Reports,* 2020; 12(2). doi.org/10.4081/pr.2020.8352
- 210) Destro F, Selvaggio GGO, Lima M, Riccipetoni G, Klersy C, Di Salvo N, Marinoni F, Calcaterra V, Pelizzo G. Minimally Invasive Approaches in Pediatric Urolithiasis. The Experience of Two Italian Centers of Pediatric Surgery. *Front Pediatr.* 2020 Jul 24;8:377.
- 211) Rabbone I, Schiaffini R, Cherubini V, Maffei C, Scaramuzza A; Diabetes Study Group of the Italian Society for Pediatric Endocrinology and Diabetes*; Diabetes Study Group of the Italian Society for Pediatric Endocrinology and Diabetes (Enrica Bertelli, Lucia Ferlito, Adriana Bobbio, Eleonardo Schieven, Maurizio Delvecchio, Giulio Maltoni, Petra Reinstadler, Barbara Felappi, Francesco Gallo, Carlo Ripoli, Filomena Pascarella, Filomena A Stamati, Donatella Lo Presti, Felice Citriniti, Stefano Tumini, Maria Zampolli, Rosaria De Marco, Claudio Cavalli, Valeria De Donno, Sonia Toni, Maria Susanna Coccioli, Giuseppe d'Annunzio, Paola Sogno Valin, Dante Cirillo, Silvia Sordelli, Fortunato Lombardo, Riccardo Bonfanti, Chiara Mameli, Barbara Predieri, Adriana Franzese, Dario Iafusco, Silvia Savastio, Gavina Piredda, Francesca Cardella, Valeria Calcaterra, Emioli Randazzo, Anna Favia, Tosca Suprani, Alessandra Lasagni, Novella Rapini, Irene Rutigliano, Alberto Gaiero, Luisa De Sanctis, Vittoria Cauvin, Marta Minute, Gianluca Tornese, Francesca Franco, Gianluca Musolino, Marco Marigliano, Silvia Innaturato, Claudia Arnaldi). Has COVID-19 Delayed the Diagnosis and Worsened the Presentation of Type 1 Diabetes in Children? *Diabetes Care.* 2020 Aug 10:dc201321. doi: 10.2337/dc20-1321.
- 212) Silvestro S, Calcaterra V, Pelizzo G, Bramanti P, Mazzon E. Prenatal Hypoxia and Placental Oxidative Stress: Insights from Animal Models to Clinical Evidences. *Antioxidants (Basel).* 2020 May 12;9(5):414.
- 213) Pelizzo G, Bagolan P, Morini F, Aceti M, Alberti D, Andermarcher M, Avolio L, Bartoli F, Briganti V, Cacciaguerra S, Camoglio FS, Ceccarelli P, Cheli M, Chiarenza F, Ciardini E, Cimador M, Clemente E, Cozzi DA, Dall' Oglio L, De Luca U, Del Rossi C, Esposito C, Falchetti D, Federici S, Gamba P, Gentilino V, Mattioli G, Martino A, Messina M, Noccioli B, Inserra A, Lelli Chiesa P, Leva E, Licciardi F, Midrio P, Nobili M, Papparella A, Paradies G, Piazza G, Pini Prato A, Rossi F, Riccipetoni G, Romeo C, Salerno D, Settimi A, Schleaf J, Milazzo M, Calcaterra V, Lima M. Bedside surgery in the newborn infants: survey of the Italian society of pediatric surgery. *Ital J Pediatr.* 2020 ;46(1):134.
- 214) Pelizzo G, Costanzo S, Selvaggio GGO, Rebosio F, Canazza L, Marinoni F, Calcaterra V. Non-casual Association Between Congenital Pulmonary Airway Malformations/Primary Lung Hypoplasia and Congenital Diaphragmatic Hernia (CDH). *Front Pediatr.* 2020;8:446.
- 215) Calcaterra V, Regalbuto C, Porri D, Pelizzo G, Mazzon E, Vinci F, Zuccotti G, Fabiano V, Cena H. Inflammation in Obesity-Related Complications in Children: The Protective Effect of Diet and Its Potential Role as a Therapeutic Agent. *Biomolecules.* 2020;10(9):E1324.
- 216) Calcaterra V, Burrone M, Dilillo D, Zuccotti GV. Choreic Movements as Manifestation of Hyperthyroidism in an Adolescent at the Onset of Graves' Disease. *Pediatrics and Child Health* 2020; 8:30-32. doi.org/10.12974/2311-8687.2020.08.5
- 217) Calcaterra V, Zanfardino A, Zuccotti GV, Iafusco D. Maternal or Paternal Diabetes and Its Crucial Role in Offspring Birth Weight and MODY Diagnosis. *Metabolites.* 2020 Sep 28;10(10):E387.
- 218) Calcaterra V, Klersy C, Vinci F, Regalbuto C, Dobbiani G, Montalbano C, Pelizzo G, Albertini R, Larizza D. Rapid progressive central precocious puberty: diagnostic and predictive value of basal sex hormone levels and pelvic ultrasound. *J Pediatr Endocrinol Metab.* 2020 May 22;33(6):785-791. doi: 10.1515/jpem-2019-0577.
- 219) Caruso AM, Milazzo M, Tulone V, Acierno C, Girgenti V, Amoroso S, Bommarito D, Calcaterra V, Pelizzo G. High Resolution Manometry Guidance During Laparoscopic Fundoplication in Pediatric Surgically "Fragile" Patients: Preliminary Report. *Children (Basel).* 2020 Nov 7;7(11):E215.
- 220) Garofoli F, Mazzucchelli I, Angelini M, Klersy C, Tinelli C, Carletti GV, Calcaterra V, Gardella B, Tziella C. The dynamical interplay of perinatal leptin with birthweight and 3-month weight, in full-term, preterm, IUGR mother-infant dyads. *J Matern Fetal Neonatal Med.* 2020 Nov 8:1-7.

- 221) Pelizzo G, Destro F, Selvaggio GGOS, Maestri L, Roveri M, Bosetti A, Borsani B, Pendezza E, Meroni M, Pansini A, La Pergola E, Riccipettoni G, De Silvestri A, Cena H, Calcaterra V. Esophageal Atresia: Nutritional Status and Energy Metabolism to Maximize Growth Outcome. *Children* 2020, 7, 228; doi:10.3390/children7110228
- 222) Pelizzo G, Costanzo S, Maestri L, Selvaggio GGOS, Pansini A, Zuccotti GV, Zoia E, De Filippis G, Visconti A, Calcaterra V. The Challenges of a Children's Hospital during the COVID-19 Pandemic: The Pediatric Surgeon's Point of View. *Pediatr. Rep.* 2020, 12, 114–123.
- 223) Calcaterra V, De Filippo G, Albertini R, Rendina D, Messini B, Monti CM, Bozzola E, Villani A, Bozzola M. Effectiveness of basal LH in monitoring central precocious puberty treatment in girls. *JPEM* 2020-0386.
- 224) Calcaterra V, Croce S, Vinci F, De Silvestri A, Cordaro E, Regalbuto C, Zuccotti GV, Mameli C, Albertini R, Avanzini MA. Th17 and treg balance in children with obesity and metabolically altered status. *Front. Pediatr.* 2020 doi: 10.3389/fped.2020.591012
- 225) Rey F, Urrata V, Gilardini L, Bertoli S, Calcaterra V, Zuccotti GV, Cancellato R, Carelli S. Role of long non-coding RNAs in adipogenesis: State of the art and implications in obesity and obesity-associated diseases. *Obes Rev.* 2021 Jan 14. doi: 10.1111/obr.13203. Epub ahead of print. PMID: 33443301.
- 226) Destro F, Maestri L, Meroni M, Reboasio F, Del Re G, Mantegazza C, Calcaterra V, Pelizzo G. Usefulness of Gastrojejunostomy Prior to Fundoplication in Severe Gastro-Esophageal Reflux Complicating Long-Gap Esophageal Atresia Repair: A Preliminary Study. *Children (Basel)*. 2021 Jan 17;8(1):E55.
- 227) Pelizzo G, Chiricosta L, Mazzon E, Zuccotti GV, Avanzini MA, Croce S, Lima M, Bramanti P, Calcaterra V. Discovering Genotype Variants in an Infant with VACTERL through Clinical Exome Sequencing: A Support for Personalized Risk Assessment and Disease Prevention. *Pediatr Rep.* 2021 Jan 5;13(1):45-56.
- 228) Calcaterra V, Bassanese F, Clemente AM, Amariti R, Regalbuto C, Sala A, Zuccotti GV. Adverse Effects of Ramadan Fasting in a Girl with Salt-Losing Congenital Adrenal Hyperplasia. *Case Rep Endocrinol.* 2020 Dec 29;2020:6688927. doi: 10.1155/2020/6688927.
- 229) Calcaterra V, Bosoni P, Sacchi L, Zuccotti GV, Mannarino S, Bellazzi R, Larizza C. Continuous Glucose and Heart Rate Monitoring in Young People with Type 1 Diabetes: An Exploratory Study about Perspectives in Nocturnal Hypoglycemia Detection. *Metabolites.* 2020 Dec 24;11(1):5.
- 230) D'Auria E, Calcaterra V, Maestri L, Meroni M, Selvaggio GGO, Villanacci V, Nebuloni M, Pelizzo G. Case Report: Eosinophilic Myenteric Ganglionitis in a Child With Hirschsprung's Disease: A Challenge in Pseudo-Obstruction. *Front Pediatr.* 2021 Feb 4;8:617309.
- 231) Bonfanti R, Iafusco D, Rabbone I, Diedenhofen G, Bizzarri C, Patera PI, Reistadler P, Costantino F, Calcaterra V, Iughetti L, Savastio S, Favia A, Cardella F, Lopresti D, Girtler Y, Rabbiosi S, D'Annunzio G, Zanfardino A, Piscopo A, Casaburo F, Pintomalli L, Russo L, Grasso V, Minuto N, Mucciolo M, Novelli A, Marucci A, Piccini B, Toni S, Silvestri F, Carrera P, Rigamonti A, Frontino G, Trada M, Tinti D, Delvecchio M, Rapini N, Schiaffini R, Mammi C, Barbetti F. Differences between Transient Neonatal Diabetes Mellitus Subtypes can Guide Diagnosis and Therapy. *Eur J Endocrinol.* 2021 Feb 1:EJE-20-1030.R1. doi: 10.1530/EJE-20-1030.
- 232) Calcaterra V, Cena H, Regalbuto C, Vinci F, Porri D, Verduci E, Chiara M, Zuccotti GV. The Role of Fetal, Infant, and Childhood Nutrition in the Timing of Sexual Maturation. *Nutrients.* 2021 Jan 28;13(2):419.
- 233) Vizzuso S, Del Torto A, Dilillo D, Calcaterra V, Di Profio E, Leone A, Gilardini L, Bertoli S, Battezzati A, Zuccotti GV, Verduci E. Visceral Adiposity Index (VAI) in Children and Adolescents with Obesity: No Association with Daily Energy Intake but Promising Tool to Identify Metabolic Syndrome (MetS). *Nutrients.* 2021 Jan 28;13(2):413.
- 234) Mameli C, Ghezzi M, Mari A, Cammi G, Macedoni M, Redaelli FC, Calcaterra V, Zuccotti G, D'Auria E. The Diabetic Lung: Insights into Pulmonary Changes in Children and Adolescents with Type 1 Diabetes. *Metabolites.* 2021 Jan 26;11(2):69. doi: 10.3390/metabo11020069.
- 235) Nespoli LF, Albani E, Corti C, Spaccini L, Alfei E, Daniele I, Zuccotti GV, Lista G, Calcaterra V, Mannarino S. Efficacy of Everolimus Low-Dose Treatment for Cardiac Rhabdomyomas in Neonatal Tuberous Sclerosis: Case Report and Literature Review. *Pediatr. Rep.* 2021, 13, 104–112
- 236) Calcaterra V, Roberto G, La Rocca A, Andrenacci B, Rossi F, Zuccotti GV, Fabiano V. Congenital Adrenal Hyperplasia (CAH) and Gitelman Syndrome (GS): Overlapping Symptoms in an Uncommon Association. *Case Rep Pediatr.* 2021 Mar 8;2021:6633541.
- 237) Calcaterra V, Biganzoli G, Pelizzo G, et al. A Multivariate Pattern Analysis of Metabolic Profile in Neurologically Impaired Children and Adolescents. *Children* 2021, 8, <https://doi.org/10.3390>.
- 238) Calcaterra V, Bosoni P, Dilillo D, Mannarino S, Fiori L, Fabiano V, Carlucci P, Di Profio E, Verduci E, Mameli C, Pelizzo G, Zoia E, Sacchi L, Larizza C, Zuccotti G. Impaired Glucose-Insulin Metabolism in Multisystem Inflammatory Syndrome Related to SARS-CoV-2 in Children. *Children (Basel)*. 2021 May 13;8(5):384.
- 239) Pelizzo G, Vestri E, Del Re G, Filisetti C, Osti M, Camporesi A, Rizzo D, De Angelis A, Zoia E, Tommasi P, Zuccotti G, Calcaterra V. Supporting the Regional Network for Children with Burn Injuries in a Pediatric Referral Hospital for COVID-19. *Healthcare (Basel)*. 2021 May 8;9(5):551.
- 240) Calcaterra V, Lamberti R, Viggiano C, Gatto S, Spaccini L, Lista G, Zuccotti G. Neonatal Dysmorphogenetic Goiter with Hypothyroidism Associated with Novel Mutations in Thyroglobulin and SLC26A4 Gene. *Pediatr Rep.* 2021 May 2;13(2):210-215. doi: 10.3390/pediatric13020029. PMID: 34063177; PMCID: PMC8163152.
- Mozzillo E, Franceschi R, Piona C, Passanisi S, Casertano A, Pjetraj D, Maltoni G, Calcaterra V, Cauvin V, Cherubini V, D'Annunzio G, Franzese A, Frongia AP, Lombardo F, Lo Presti D, Matteoli MC, Piccinno E, Predieri B, Rabbone I, Scaramuzza AE, Toni S, Zucchini S, Maffei C, Schiaffini R. Diabetes and Prediabetes in Children With Cystic Fibrosis: A Systematic Review of the Literature and Recommendations of the Italian Society for Pediatric Endocrinology and Diabetes (ISPED). *Front Endocrinol (Lausanne)*. 2021 Apr 29;12:673539.

- 241) Bosoni P, Calcaterra V, Tibollo V, Malovini A, Zuccotti G, Mameli C, Sacchi L, Bellazzi R, Larizza C. Exploring the inter-subject variability in the relationship between glucose monitoring metrics and glycated hemoglobin for pediatric patients with type 1 diabetes. *J Pediatr Endocrinol Metab.* 2021 Apr 7;34(5):619-625.
- 242) Bonfanti R, Iafusco D, Rabbone I, Diederhofen G, Bizzarri C, Patera PI, Reinstadler P, Costantino F, Calcaterra V, Iughetti L, Savastio S, Favia A, Cardella F, Lo Presti D, Girtler Y, Rabbiosi S, D'Annunzio G, Zanfardino A, Piscopo A, Casaburo F, Pintomalli L, Russo L, Grasso V, Minuto N, Mucciolo M, Novelli A, Marucci A, Piccini B, Toni S, Silvestri F, Carrera P, Rigamonti A, Frontino G, Trada M, Tinti D, Delvecchio M, Rapini N, Schiaffini R, Mammi C, Barbetti F; Diabetes Study Group of ISPED. Differences between transient neonatal diabetes mellitus subtypes can guide diagnosis and therapy. *Eur J Endocrinol.* 2021 Apr;184(4):575-585.
- 243) Penagini F, Leone A, Borsani B, Bosetti A, Dilillo D, Rendo G, Calcaterra V, Bertoli S, Mora S, Battezzati A, Bedogni G, Zuccotti GV. Predictive Fat Mass Equations for Children with Inflammatory Bowel Disease. *J Pediatr Gastroenterol Nutr.* 2021 Jun 4. doi: 10.1097/MPG.0000000000003188.
- 244) Calcaterra V, Verduci E, Cena H, Magenes VC, Todisco CF, Tenuta E, Gregorio C, De Giuseppe R, Bosetti A, Di Profio E, Zuccotti G. Polycystic Ovary Syndrome in Insulin-Resistant Adolescents with Obesity: The Role of Nutrition Therapy and Food Supplements as a Strategy to Protect Fertility. *Nutrients.* 2021 May 28;13(6):1848.
- 245) Calcaterra V, Cena H, Pelizzo G, Porri D, Regalbuto C, Vinci F, Destro F, Vestri E, Verduci E, Bosetti A, Zuccotti G, Cody Stanford F. Bariatric Surgery in Adolescents: To Do or Not to Do? *Children (Basel).* 2021 May 27;8(6):453.
- 246) Calcaterra V, Verduci E, Schneider L, Cena H, De Silvestri A, Vizzuso S, Vinci F, Mameli C, Zuccotti G. Sex-Specific Differences in the Relationship between Insulin Resistance and Adiposity Indexes in Children and Adolescents with Obesity. *Children (Basel).* 2021 May 26;8(6):449.
- 247) Penagini F, Leone A, Borsani B, Bosetti A, Dilillo D, Rendo G, Calcaterra V, Bertoli S, Mora S, Battezzati A, Bedogni G, Zuccotti GV. Predictive Fat Mass Equations for Children with Inflammatory Bowel Disease. *J Pediatr Gastroenterol Nutr.* 2021 Jun 4. doi: 10.1097/MPG.0000000000003188. Epub ahead of print. PMID: 34091539.
- 248) Calcaterra V, Nappi RE, Pelizzo G, De Silvestri A, Albertini R, De Amici M, Tenuta E, Vinci F, Mameli C, Zuccotti G. Insulin resistance and potential modulators of ovarian reserve in young reproductive-aged women with obesity and type 1 diabetes. *Gynecol Endocrinol.* 2021 Jun 17:1-8. doi: 10.1080/09513590.2021.1940127. Epub ahead of print. PMID: 34137355.
- 249) Croce S, Avanzini MA, Regalbuto C, Cordaro E, Vinci F, Zuccotti G, Calcaterra V. Adipose Tissue Immunomodulation and Treg/Th17 Imbalance in the Impaired Glucose Metabolism of Children with Obesity. *Children (Basel).* 2021 Jun 27;8(7):554. doi: 10.3390/children8070554. PMID: 34199040.
- 250) Vandoni M, Lovecchio N, Carnevale Pellino V, Codella R, Fabiano V, Rossi V, Zuccotti GV, Calcaterra V. Self-Reported Physical Fitness in Children and Adolescents with Obesity: A Cross-Sectional Analysis on the Level of Alignment with Multiple Adiposity Indexes. *Children (Basel).* 2021 Jun 4;8(6):476. doi: 10.3390/children8060476. PMID: 34200029; PMCID: PMC8230218.
- 251) Calcaterra V, Cena H, Ruggieri A, Zuccotti G, De Silvestri A, Bonalumi G, Pelizzo G. Metabolically Unhealthy Phenotype: A Key Factor in Determining "Pediatric" Frailty. *Pediatr Rep.* 2021 Jul 1;13(3):340-346. doi: 10.3390/pediatric13030042. PMID: 34287378; PMCID: PMC8293425.
- 252) Calcaterra V, Verduci E, Pascuzzi MC, Magenes VC, Fiore G, Di Profio E, Tenuta E, Bosetti A, Todisco CF, D'Auria E, Zuccotti G. Metabolic Derangement in Pediatric Patient with Obesity: The Role of Ketogenic Diet as Therapeutic Tool. *Nutrients.* 2021 Aug 16;13(8):2805. doi: 10.3390/nu13082805. PMID: 34444964; PMCID: PMC8400548.
- 253) Mameli C, Scaramuzza A, Macedoni M, Marano G, Frontino G, Luconi E, Pelliccia C, Felappi B, Guerraggio LP, Spiri D, Macellaro P, Chiara Redaelli F, Cardani R, Zampolli M, Calcaterra V, Sordelli S, Calzi E, Cogliardi A, Brambilla I, Pistone C, Rigamonti A, Boracchi P, Biganzoli E, Zuccotti GV, Bonfanti R. Type 1 diabetes onset in Lombardy region, Italy, during the COVID-19 pandemic: The double-wave occurrence. *EClinicalMedicine.* 2021 Aug 12;39:101067. doi: 10.1016/j.eclinm.2021.101067. PMID: 34430836; PMCID: PMC8365462.
- 254) Corsello A, Scatigno L, Pascuzzi MC, Calcaterra V, Dilillo D, Vizzuso S, Pelizzo G, Zoia E, Mandelli A, Govoni A, Bosetti A, Francavilla R, Indrio F, Fabiano V, Zuccotti GV, Verduci E. Nutritional, Gastrointestinal and Endo- Metabolic Challenges in the Management of Children with Spinal Muscular Atrophy Type 1. *Nutrients.* 2021 Jul 13;13(7):2400. doi: 10.3390/nu13072400. PMID:34371910; PMCID: PMC8308588.
- 255) Gugliandolo A, Chiricosta L, Calcaterra V, Biasin M, Cappelletti G, Carelli S, Zuccotti G, Avanzini MA, Bramanti P, Pelizzo G, Mazzon E. SARS-CoV-2 Infected Pediatric Cerebral Cortical Neurons: Transcriptomic Analysis and Potential Role of Toll-like Receptors in Pathogenesis. *Int J Mol Sci.* 2021 Jul 28;22(15):8059. doi: 10.3390/ijms22158059. PMID: 34360824; PMCID: PMC8347089.
- 256) Ghezzi M, D'Auria E, Farolfi A, Calcaterra V, Zenga A, De Silvestri A, Pelizzo G, Zuccotti GV. Airway Malacia: Clinical Features and Surgical Related Issues, a Ten-Year Experience from a Tertiary Pediatric Hospital. *Children (Basel).* 2021 Jul 20;8(7):613. doi: 10.3390/children8070613. PMID: 34356592; PMCID: PMC8307910.
- 257) Calcaterra V, Biganzoli G, Dilillo D, Mannarino S, Fiori L, Pelizzo G, Zoia E, Fabiano V, Carlucci P, Camporesi A, Corti C, Mercurio G, Izzo F, Biganzoli E, Zuccotti G. Non-thyroidal illness syndrome and SARS-CoV-2-associated multisystem inflammatory syndrome in children. *J Endocrinol Invest.* 2021 Jul 26:1–10. doi: 10.1007/s40618-021-01647-9. Epub ahead of print. PMID: 34312809; PMCID: PMC8312710.
- 258) Calcaterra V, Iafusco D, Carnevale Pellino V, Mameli C, Tornese G, Chianese A, Cascella C, Macedoni M, Redaelli F, Zuccotti G, Vandoni M. "CoVidentary": An online exercise training program to reduce sedentary behaviours in children with type 1 diabetes during the COVID-19 pandemic. *J Clin Transl Endocrinol.* 2021 Jul 10;25:100261. doi: 10.1016/j.jcte.2021.100261. PMID: 34307052; PMCID:PMC8283025.
- 259) Calcaterra V, De Silvestri A, Schneider L, Acunzo M, Vittoni V, Meraviglia G, Bergamaschi F, Zuccotti G, Mameli C. Acanthosis Nigricans in Children and Adolescents with Type 1 Diabetes or Obesity: The Potential Interplay Role between Insulin Resistance and

Excess Weight. *Children (Basel)*. 2021 Aug 18;8(8):710. doi: 10.3390/children8080710. PMID: 34438601; PMCID: PMC8391689.

250) Calcaterra V, Palombo C, Malacarne M, Pagani M, Federico G, Kozakova M, Zuccotti G, Lucini D. Interaction between Autonomic Regulation, Adiposity Indexes and Metabolic Profile in Children and Adolescents with Overweight and Obesity. *Children (Basel)*. 2021 Aug 9;8(8):686. doi: 10.3390/children8080686. PMID: 34438577; PMCID: PMC8394084.

251) Calcaterra V, Verduci E, Pascuzzi MC, Magenes VC, Fiore G, Di Profio E, Tenuta E, Bosetti A, Todisco CF, D'Auria E, Zuccotti G. Metabolic Derangement in Pediatric Patient with Obesity: The Role of Ketogenic Diet as Therapeutic Tool. *Nutrients*. 2021 Aug 16;13(8):2805. doi: 10.3390/nu13082805. PMID: 34444964; PMCID: PMC8400548.

252) Mozzillo E, Zito E, Calcaterra V, Corciulo N, Di Pietro M, Di Sessa A, Franceschi R, Licenziati MR, Maltoni G, Morino G, Predieri B, Street ME, Trifirò G, Gallè F, Franzese A, Valerio G. Poor Health Related Quality of Life and Unhealthy Lifestyle Habits in Weight-Loss Treatment-Seeking Youth. *Int J Environ Res Public Health*. 2021 Sep 4;18(17):9355. doi: 10.3390/ijerph18179355. PMID: 34501945; PMCID: PMC8431705.

253) Mamei C, Scaramuzza A, Macedoni M, Marano G, Frontino G, Luconi E, Pelliccia C, Felappi B, Guerraggio LP, Spiri D, Macellaro P, Chiara Redaelli F, Cardani R, Zampolli M, Calcaterra V, Sordelli S, Calzi E, Cogliardi A, Brambilla I, Pistone C, Rigamonti A, Boracchi P, Biganzoli E, Zuccotti GV, Bonfanti R. Type 1 diabetes onset in Lombardy region, Italy, during the COVID-19 pandemic: The double-wave occurrence. *EClinicalMedicine*. 2021 Aug 12;39:101067. doi: 10.1016/j.eclim.2021.101067. PMID: 34430836; PMCID: PMC8365462.

255) Calcaterra V, Palombo C, Malacarne M, Pagani M, Federico G, Kozakova M, Zuccotti G, Lucini D. Interaction between Autonomic Regulation, Adiposity Indexes and Metabolic Profile in Children and Adolescents with Overweight and Obesity. *Children (Basel)*. 2021 Aug 9;8(8):686. doi: 10.3390/children8080686. PMID: 34438577; PMCID: PMC8394084.

256) Vandoni M, Calcaterra V, Carnevale Pellino V, De Silvestri A, Marin L, Zuccotti GV, Tranfaglia V, Giuriato M, Codella R, Lovecchio N. "Fitness and Fatness" in Children and Adolescents: An Italian Cross-Sectional Study. *Children (Basel)*. 2021 Aug 31;8(9):762. doi: 10.3390/children8090762.

257) Valeri A, Chiricosta L, Calcaterra V, Biasin M, Cappelletti G, Carelli S, Zuccotti GV, Bramanti P, Pelizzo G, Mazzon E, Gugliandolo A. Transcriptomic Analysis of HCN-2 Cells Suggests Connection among Oxidative Stress, Senescence and Neuron Death after SARS-CoV-2 infection. *Cells*. 2021 Aug 25;10(9):2189. doi: 10.3390/cells10092189.

258) Calcaterra V, Verduci E, Ghezzi M, Cena H, Pascuzzi MC, Regalbuto C, Lamberti R, Rossi V, Manuelli M, Bosetti A, Zuccotti GV. Pediatric Obesity-Related Asthma: The Role of Nutrition and Nutrients in Prevention and Treatment. *Nutrients*. 2021 Oct 21;13(11):3708. doi: 10.3390/nu13113708. PMID: 34835964.

259) Calcaterra V, Verduci E, Vandoni M, Rossi V, Di Profio E, Carnevale Pellino V, Tranfaglia V, Pascuzzi MC, Borsani B, Bosetti A, Zuccotti G. Telehealth: A Useful Tool for the Management of Nutrition and Exercise Programs in Pediatric Obesity in the COVID-19 Era. *Nutrients*. 2021 Oct 20;13(11):3689. doi: 10.3390/nu13113689. PMID: 34835945.

260) Destro F, Maestri L, Meroni M, Campari A, Pederiva F, Costanzo S, Del Re G, Roveri M, Zuccotti G, Calcaterra V, Pelizzo G. Colonic Volvulus in Children: Surgical Management of a Challenging Condition. *Children (Basel)*. 2021 Oct 30;8(11):982. doi: 10.3390/children8110982. PMID: 34828695.

261) Calcaterra V, Verduci E, De Silvestri A, Magenes VC, Siccardo F, Schneider L, Vizzuso S, Bosetti A, Zuccotti G. Predictive Ability of the Estimate of Fat Mass to Detect Early-Onset Metabolic Syndrome in Prepubertal Children with Obesity. *Children (Basel)*. 2021 Oct 26;8(11):966. doi: 10.3390/children8110966. PMID: 34828680.

262) Destro F, Caruso AM, Mantegazza C, Maestri L, Meroni M, Pederiva F, Milazzo M, Acierno C, Zuccotti G, Calcaterra V, Pelizzo G. Foreign Body Ingestion in Neurologically Impaired Children: A Challenging Diagnosis and Management in Pediatric Surgery. *Children (Basel)*. 2021 Oct 23;8(11):956. doi: 10.3390/children8110956. PMID: 34828669.

263) Verduci E, Risé P, Di Profio E, Fiori L, Vizzuso S, Dilillo D, Mannarino S, Zoia E, Calcaterra V, Pinna C, Sala A, Zuccotti G. Blood Fatty Acids Profile in MIS-C Children. *Metabolites*. 2021 Oct 22;11(11):721. doi: 10.3390/metabo11110721. PMID: 34822379; PMCID: PMC8624489.

264) Pelizzo G, Riva F, Croce S, Avanzini MA, Acquafredda G, de Silvestri A, Mazzon E, Bramanti P, Zuccotti G, Mazzini G, Calcaterra V. Proliferation Pattern of Pediatric Tumor-Derived Mesenchymal Stromal Cells and Role in Cancer Dormancy: A Perspective of Study for Surgical Strategy. *Front Pediatr*. 2021 Nov 4;9:766610. doi: 10.3389/fped.2021.766610. PMID: 34805051; PMCID: PMC8600142.

265) Valeri A, Chiricosta L, Gugliandolo A, Biasin M, Avanzini MA, Calcaterra V, Cappelletti G, Carelli S, Zuccotti GV, Silvestro S, Mazzon E, Pelizzo G. SARS-CoV-2 Exposed Mesenchymal Stromal Cell from Congenital Pulmonary Airway Malformations: Transcriptomic Analysis and the Expression of Immunomodulatory Genes. *Int J Mol Sci*. 2021 Oct 30;22(21):11814. doi: 10.3390/ijms222111814. PMID: 34769246; PMCID: PMC8584055.

266) Calcaterra V, Chiricosta L, Mazzon E, Gugliandolo A, Alberti D, Maestri L, Meroni M, Vestri E, Verduci E, Dilillo D, Zuccotti G, Pelizzo G. Determining oncogenic patterns and cancer predisposition through the transcriptomic profile in Mitchell-Riley syndrome with heterotopic gastric mucosa and duodenal atresia: a case report. *Orphanet J Rare Dis*. 2021 Oct 29;16(1):455. doi:10.1186/s13023-021-02093-9. PMID: 34715892; PMCID: PMC8556982.

267) Pelizzo G, Silvestro S, Avanzini MA, Zuccotti G, Mazzon E, Calcaterra V. Mesenchymal Stromal Cells for the Treatment of Interstitial Lung Disease in Children: A Look from Pediatric and Pediatric Surgeon Viewpoints. *Cells*. 2021;10(12):3270. Published 2021 Nov 23. doi:10.3390/cells10123270

268) Sartorio MUA, Munari AM, Carlucci P, Erba P, Calcaterra V, Fabiano V. MRSA Femoral Osteomyelitis from Superinfected Scabies Lesions: A Pediatric Case Report. *Int J Environ Res Public Health*. 2022;19(2):1007. Published 2022 Jan 17. doi:10.3390/ijerph19021007

269) Pelizzo G, Costanzo S, Roveri M, et al. Developing Virtual Reality Head Mounted Display (HMD) Set-Up for Thoracoscopic Surgery

- of Complex Congenital Lung Malformations in Children. *Children (Basel)*. 2022;9(1):50. Published 2022 Jan 3. doi:10.3390/children9010050
- 270) Vandoni M, Codella R, Pippi R, et al. Combatting Sedentary Behaviors by Delivering Remote Physical Exercise in Children and Adolescents with Obesity in the COVID-19 Era: A Narrative Review. *Nutrients*. 2021;13(12):4459. Published 2021 Dec 14. doi:10.3390/nu13124459
- 271) Fabiano V, Indrio F, Verduci E, et al. Term Infant Formulas Influencing Gut Microbiota: An Overview. *Nutrients*. 2021;13(12):4200. Published 2021 Nov 23. doi:10.3390/nu13124200
- 272) Cena H, Fiechtner L, Vincenti A, et al. COVID-19 Pandemic as Risk Factors for Excessive Weight Gain in Pediatrics: The Role of Changes in Nutrition Behavior. A Narrative Review. *Nutrients*. 2021;13(12):4255. Published 2021 Nov 26. doi:10.3390/nu13124255
- 273) Calcaterra V, Verduci E, Magenes VC, et al. The Role of Pediatric Nutrition as a Modifiable Risk Factor for Precocious Puberty. *Life (Basel)*. 2021;11(12):1353. Published 2021 Dec 7. doi:10.3390/life11121353
- 274) Sartorio MUA, Munari AM, Carlucci P, Erba P, Calcaterra V, Fabiano V. MRSA Femoral Osteomyelitis from Superinfected Scabies Lesions: A Pediatric Case Report. *Int J Environ Res Public Health*. 2022 Jan 17;19(2):1007. doi:10.3390/ijerph19021007.
- 275) Pelizzo G, Costanzo S, Roveri M, Lanfranchi G, Vertemati M, Milani P, Zuccotti G, Cassin S, Panfili S, Rizzetto F, Campari A, Camporesi A, Calcaterra V. Developing Virtual Reality Head Mounted Display (HMD) Set-Up for Thoracoscopic Surgery of Complex Congenital Lung Malformations in Children. *Children (Basel)*. 2022 Jan 3;9(1):50. doi: 10.3390/children9010050.
- 276) Vandoni M, Codella R, Pippi R, et al. Combatting Sedentary Behaviors by Delivering Remote Physical Exercise in Children and Adolescents with Obesity in the COVID-19 Era: A Narrative Review. *Nutrients*. 2021;13(12):4459. Published 2021 Dec 14. doi:10.3390/nu13124459
- 277) Mannarino S, Raso I, Garbin M, Ghidoni E, Corti C, Goletto S, Nespoli L, Santacesaria S, Zoia E, Camporesi A, Izzo F, Dilillo D, Fiori L, D'Auria E, Silvestri A, Dolci A, Calcaterra V, Zuccotti G. Cardiac dysfunction in Multisystem Inflammatory Syndrome in Children: An Italian single-center study. *Ital J Pediatr*. 2022 Feb 8;48(1):25. doi: 10.1186/s13052-021-01189-z.
- 278) Calcaterra V, Biganzoli G, Dilillo D, Mannarino S, Fiori L, Pelizzo G, Zoia E, Fabiano V, Carlucci P, Camporesi A, Corti C, Mercurio G, Izzo F, Biganzoli E, Zuccotti G. Non-thyroidal illness syndrome and SARS-CoV-2-associated multisystem inflammatory syndrome in children. *J Endocrinol Invest*. 2022 Jan;45(1):199-208. doi: 10.1007/s40618-021-01647-9.
- 279) Calcaterra V, Biganzoli G, Ferraro S, Verduci E, Rossi V, Vizzuso S, Bosetti A, Borsani B, Biganzoli E, Zuccotti G. A Multivariate Analysis of "Metabolic Phenotype" Patterns in Children and Adolescents with Obesity for the Early Stratification of Patients at Risk of Metabolic Syndrome. *J Clin Med*. 2022 Mar 27;11(7):1856. doi: 10.3390/jcm11071856.
- 280) Ardenghi C, Vestri E, Costanzo S, Lanfranchi G, Vertemati M, Destro F, Pierucci UM, Calcaterra V, Pelizzo G. Congenital Esophageal Atresia Long-Term Follow-Up-The Pediatric Surgeon's Duty to Focus on Quality of Life. *Children (Basel)*. 2022 Mar 1;9(3):331. doi: 10.3390/children9030331.
- 281) Filippo G, Gaudino R, Calcaterra V, Villani A, Bozzola E, Bozzola M. Incidental pineal gland cyst in girls with early onset of puberty. *Ital J Pediatr*. 2022 Mar 21;48(1):44. doi: 10.1186/s13052-022-01235-4
- 282) D'Auria E, Calcaterra V, Verduci E, Ghezzi M, Lamberti R, Vizzuso S, Baldassarre P, Pendezza E, Perico V, Bosetti A, Zuccotti GV. Immunonutrition and SARS-CoV-2 Infection in Children with Obesity. *Nutrients*. 2022 Apr 20;14(9):1701. doi: 10.3390/nu14091701.
- 283) Calcaterra V, Zuccotti G. Physical Exercise as a Non-Pharmacological Intervention for Attenuating Obesity-Related Complications in Children and Adolescents. *Int J Environ Res Public Health*. 2022 Apr 21;19(9):5046. doi: 10.3390/ijerph19095046.
- 284) Vandoni M, Carnevale Pellino V, De Silvestri A, Lovecchio N, Rovida A, Gatti A, Biagioli V, Zuccotti G, Calcaterra V. The Temporal Association between Body Characteristics and Speed Performance over Twenty-Five Years in Italian Adolescents. *Children (Basel)*. 2022 Apr 6;9(4):521. doi: 10.3390/children9040521.
- 285) Scaramuzza AE, Cherubini V, Schiaffini R, Rabbone I; Diabetes Study Group of the Italian Society for Pediatric Endocrinology and Diabetes. A nationwide survey of Italian pediatric diabetologists about COVID-19 vaccination in children and adolescents with type 1 diabetes. *Acta Diabetol*. 2022 Apr 21:1–3. doi: 10.1007/s00592-022-01885-0.
- 286) Fiore G, Magenes VC, DI Profio E, Milanta C, Calcaterra V, Diamanti A, Campoy C, Zuccotti GV, Verduci E. Gut microbiota in obesity and related comorbidities in children and adolescents: the role ofiotics in treatment. *Minerva Pediatr (Torino)*. 2022 Jun 15. doi: 10.23736/S2724-5276.22.06964-6.
- 287) Camporesi A, De Silvestri A, Diotto V, Ferrario S, Eccher L, De Ferrari A, Messina F, Pelizzo G, Mileto D, Calcaterra V, Buonsenso D. Very High Negative Concordance Rate of RT-PCR for SARS-CoV-2 in Nasopharyngeal Swab and Tracheo- Bronchial Aspirate in Children. *Front Pediatr*. 2022 May 25;10:866111. doi:10.3389/fped.2022.866111.
- 288) Calcaterra V, Mameli C, Rossi V, Massini G, Gambino M, Baldassarre P, Zuccotti G. The Iodine Rush: Over- or Under-iodination Risk in the Prophylactic Use of Iodine for Thyroid Blocking in the Event of a Nuclear Disaster. *Front Endocrinol (Lausanne)*. 2022 May 26;13:901620. doi: 10.3389/fendo.2022.901620.
- 289) Calcaterra V, Vandoni M, Rossi V, Berardo C, Grazi R, Cordaro E, Tranfaglia V, Carnevale Pellino V, Cereda C, Zuccotti G. Use of Physical Activity and Exercise to Reduce Inflammation in Children and Adolescents with Obesity. *Int J Environ Res Public Health*. 2022 Jun 5;19(11):6908. doi: 10.3390/ijerph19116908.
- 290) Ferraro S, Biganzoli G, Calcaterra V, Zuccotti G, Biganzoli EM, Plebani M. The relevance of establishing method-dependent decision thresholds of serum folate in pregnancy and lactation: when the laboratory stewardship meets the health-care needs. *Clin Chem Lab Med*. 2022 Jun 9. doi: 10.1515/cclm-2022-0501.

- 291) Calcaterra V, Lamberti R, Viggiano C, Baldassarre P, Spaccini L, Alfano RM, Izzo G, Valentini LG, Zuccotti G. Novel Variant in Exon 3 of the BMP4 Gene Resulted in Ectopic Posterior Pituitary, Craniocervical Junction Dysmorphism and Limb Anomaly. *Case Rep Pediatr.* 2022 May 19;2022:8059409. doi: 10.1155/2022/8059409.
- 292) Pelizzo G, Calcaterra V. Child Health and Surgery: A Challenge for Future Clinical Research. *Children (Basel).* 2022 May 18;9(5):742. doi:10.3390/children9050742.
- 293) Di Bonito P, Licenziati MR, Corica D, Wasniewska MG, Di Sessa A, Del Giudice EM, Morandi A, Maffei C, Faienza MF, Mozzillo E, Calcaterra V, Franco F, Maltoni G, Valerio G. Phenotypes of prediabetes and metabolic risk in Caucasian youths with overweight or obesity. *J Endocrinol Invest.* 2022 May 17. doi: 10.1007/s40618-022-01809-3.
- 294) Lonerio A, Giotta M, Guerrini G, Calcaterra V, Galazzi E, Iughetti L, Cassio A, Wasniewska GM, Mameli C, Tornese G, Salerno M, Cherubini V, Caruso Nicoletti M, Street ME, Grandone A, Giacomozzi C, Faienza MF, Guzzetti C, Bellone S, Parpagnoli M, Musolino G, Maggio MC, Bozzola M, Trerotoli P, Delvecchio M; Study Group on Physiopathology of growth processes of ISPED. Isolated childhood growth hormone deficiency: a 30-year experience on final height and a new prediction model. *J Endocrinol Invest.* 2022 May 14. doi: 10.1007/s40618-022-01808-4.
- 295) Calcaterra V, Nappi RE, Farolfi A, Tiranini L, Rossi V, Regalbuto C, Zuccotti G. Perimenstrual Asthma in Adolescents: A Shared Condition in Pediatric and Gynecological Endocrinology. *Children (Basel).* 2022 Feb 10;9(2):233. doi: 10.3390/children9020233.
- 296) Pelizzo G, Peiro JL, Villanacci V, Sbragia L, Oria M, De Silvestri A, Mazzon E, Calcaterra V. Liver pathological alterations in fetal rabbit model of congenital diaphragmatic hernia. *Congenit Anom (Kyoto).* 2022 May;62(3):105-112. doi: 10.1111/cga.12462.
- 297) Calcaterra V, Zuccotti G. Prevention and Treatment of Cardiometabolic Diseases in Children with Overweight and Obesity: The Future of Healthcare. *Children (Basel).* 2022 Feb 1;9(2):176. doi: 10.3390/children9020176.

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