

***CURRICULUM VITAE ET STUDIORUM
AND
LIST OF PUBLICATIONS***

Prof. STEFANO CIANFARANI

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00191 - Roma, Italy
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Date of Birth: 20th December 1957

Place of Birth: Roma, Italy

Nationality: Italian

Marital Status: Married. Six Children

School: Liceo Classico, Pontificia Scuola "Pio IX",
1971-1976. Diploma vote 60/60

Medical School: Università degli Studi di Roma
"La Sapienza" 1976-1982. Medical degree vote
110/110 cum Laude

Specialization School: Paediatrics, Università degli Studi
di Roma "La Sapienza" 1982-1986. Specialization
diploma vote 70/70 cum Laude.

Present Appointment: Associate Professor of Pediatrics, Faculty of Medicine, *Tor Vergata* University, via Montpellier 1, 00133-Rome, Italy

Chief of the Molecular Endocrinology Unit at the "Bambino Gesù" Children's Hospital, Rome, Italy.

Visiting Professor, Department of Women's and Children's Health, at Karolinska Institute, Stockholm, Sweden.

National Teaching Qualification as Full Professor in Paediatrics, Abilitazione Scientifica Nazionale, February 5th, 2014.

Academic Assignments

Teacher of Pediatrics, Medical School, Tor Vergata University, Rome.

Teacher of Pediatrics and Pediatric Endocrinology, Specialization School in Pediatrics, Tor Vergata University, Rome.

Teacher of Pediatrics, Specialization School in Orthopaedics, Tor Vergata University, Rome.

Teacher of Pediatrics and Pediatric Endocrinology, Specialization School in Science of Nutrition, Tor Vergata University, Rome.

PhD courses

Member of the Faculty of the PhD Course in Molecular Pediatrics, Tor Vergata University, Rome. Tutor and Supervisor of:

Dr. Caterina Geremia, PhD, with the Thesis: "Metabolic programming in intrauterine growth retardation (IUGR). Results from clinical and laboratory investigations". Tor Vergata University, Rome, 2007.

Dr. Arianna maiorana, PhD, with the Thesis: "A Method to Isolate Omental Adipose Stem cells in Pediatric Patients: Perspectives in investigating the Pathogenesis of metabolic Syndrome". Tor Vergata University, Rome, 2008

Official opponent in doctoral dissertation of PhD. Candidate Sirpa Tenhola, Thesis Title: Cardiovascular Risk Factors and Adrenal Function in 12-year-old Children Born Small for Gestational age or After a Preeclamptic Pregnancy, University of Kuopio, Finland, 2006.

Member of Faculty of the PhD course in Immunology and Applied Biotechnology. Tor Vergata University, Rome. 2012

Master

Chair Master in Pediatric Endocrinology and Diabetology, School of High Education in Pediatrics, Tor Vergata University and "Bambino Gesù" Children's Hospital, Rome, Italy.

Learned Societies:

Member of:

The Italian Society of Paediatrics

The Italian Society of Paediatric
Endocrinology and Diabetology

European Society for Paediatric Endocrinology

Italian General Medical Council
Registration N. 32942 (10/2/1983)

British General Medical Council
Registration N. 3417762 (13/5/1991)

Scientific Committees:

Scientific Committee, Fifth Congress of the Italian Society of Paediatric Endocrinology and Diabetology. Roma 18- 19 October 1985.

Scientific Secretary, International Workshop on Binding Proteins for Growth Hormone and Somatomedins, Roma, November 23-24, 1990.

Scientific Consultant of Italian Radio Television (R.A.I.): for broadcasts on Growth and Puberty problems. 1985 and 1986.

Coordinator of the Italian Study Group on "Pathophysiology of Growth Processes". Italian Society of Pediatric Endocrinology and Diabetology (SIEDP, 2001-2003).

European Society for Pediatric Endocrinology (ESPE)
Visiting Scholarship.

Chairman of the Clinical Practice Committee (ESPE),
European Society for Pediatric Endocrinology 2004-
2010.

Council member, European Society for Pediatric
Endocrinology (ESPE) 2004-2010.

Member of the Programme Organizing Committee,
European Society for Pediatric Endocrinology
(ESPE) 2004-2010.

Temporary World Health Organization (WHO)
advisor 2006.

Temporary member of EMEA Scientific Advisory Group (SAG) for Diabetes/Endocrinology. 2007

Member Advisory Group of ERA-NET PRIOMEDCHILD European Network for Medicines in Childhood. 2008

Member of teaching committee, Italian Society for Pediatric Endocrinology and Diabetes. 2010

Member Scientific Committee "Cesare Serono" Foundation, Rome, Italy. 2011

Member Workgroup on Research and Development Italian Drug Agency (AIFA), Italy. 2011-2012

Chair of the Board of Advanced Seminars in Developmental Endocrinology (2014-2016), European Society for Pediatric Endocrinology (ESPE)

Research Grants Awarded:

Italian National Research Council (C.N.R. 203.04.10 6/5/1986): "Western Blotting Technique in the study of short stature" (1986).

Italian National Research Council - N.A.T.O. (C.N.R.- N.A.T.O. 215.24 18/01/90): "Insulin-like growth factor binding proteins in children with short stature" (1990).

Italian National Research Council- N.A.T.O. (C.N.R.- N.A.T.O. senior fellowship n. 217.28 del 7/6/1995) Project: "Effects of GH and IGFs on human genome stability. *In vitro* and *in vivo* study". University of Bristol, Bristol, U.K..

Previous Appointments:

Visiting Paediatrician, Department of Growth and Development, (Prof. J.M. Tanner) Institute of Child Health, University of London, U.K. September 1984

Visiting Researcher, Laboratory of Tumor Cell Biology, (Dr. R.C. Gallo), National Institutes of Health, National Cancer Institute, Bethesda, Maryland, U.S.A. From August to September 1985

Research Fellow in Endocrinology (Prof. L.H. Rees),
Department of Chemical Endocrinology, St.
Bartholomew's Hospital, London U.K.
From September 1988 to February 1989

Research Fellow in Paediatric Endocrinology,
Division of Paediatric Endocrinology, Department of
Endocrinology, St. Bartholomew's Hospital, London
EC1A 7BE
From May 1991 to April 1992

Honorary Clinical Assistant in Paediatric
Endocrinology, Department of Paediatric
Endocrinology, Dr. Martin Savage, "The
Queen Elizabeth Hospital for Children",
London, E2 8PS. From May 1991 to April
1992.

Teacher of Endocrinology of Growth,
Serono, Auxology Course,
St.Bartholomew's Hospital, London EC1A
7BE. 1991-1992

Honorary Research Fellow in Pediatric Endocrinology,
Royal Hospital for Sick Children, Bristol BS2 8BJ, 1996.

Visiting Fellow in Surgery,
Bristol Royal Infirmary, University of Bristol, Bristol BS2
8BJ, U.K. 1996.

Chief of the Division of Pediatrics, *S. Eugenio
Hospital*, P.le Umanesimo 10, 00144-Rome, Italy
(from 01.01.2009 to 31.08.2009).

Conference Organization:

Organizer and member of the Steering Committee.
International Conference

Organization Workshop on Binding Proteins for Growth
Hormone and Somatomedins. Rome, November 23-24,
1990.

Organizer and member of the Steering Committee.
IGF-I and IGF binding protein assessment and
therapeutic benefit. Serono Symposia, New Orleans,
June 14-15, 2004.

Organizer and member of the Steering Committee.
ESPE/GRS/LWPES Consensus Workshop on
Management of the Small for Gestational Age Child.
1-4 February 2006 Manchester, UK

Delegate to

ESPE/GRS/LWPES Consensus Workshop on Idiopathic Short Stature.
17-20 October 2007, Los Angeles, CA, US

Organizer and member of the Steering Committee.
ESPE/GRS/PES Consensus Workshop on **Growth Hormone Safety** 19-22 February 2014, Manchester, UK.

CME events

Chairman Round Table:
Prevention of Adult Osteoporosis in Childhood.
(Prevenzione dell'Osteoporosi dell'Adulto in Età Pediatrica).
Rome, September 6, 2003. CME credits: 3

Chairman Course:
Errors in Pediatric Endocrinology (Errori in Endocrinologia Pediatrica).
Rome, October 18, 2003. CME credits: 6

Chairman Course:
Corso di Aggiornamento in Endocrinologia Pediatrica, Endocrine Therapy in Childhood. (Terapia Endocrina nell'Età Evolutiva).
Rome, March-June, 2004. CME credits: 23

Co-Chairman: Serono Symposia Workshop
IGF-I and IGF binding protein assessment and therapeutic benefit workshop.
New Orleans, June 14-15, 2004

Chairman Course:
Corso di Aggiornamento in Endocrinologia Pediatrica, "Problems in Pediatric Endocrinology" ("Endocrinologia pediatrica per problemi").
Rome, March-June, 2006. CME credits: 17

Chairman Course:
Corso di Aggiornamento in Endocrinologia Pediatrica, "Clinical Practice in Pediatric Endocrinology"
Rome, March-June, 2008. CME credits: 19

Chairman Course:
Corso di aggiornamento, "SGA: cause e conseguenze del basso peso alla nascita". Rome, June 21st, 2008.
CME credits: 6

Initiatives for developing countries

Chairman Course in Pediatric Endocrinology, on behalf of the European Society for Paediatric Endocrinology (ESPE), Nairobi (Kenya) 16-20 May 2006.

Editorial Boards

1. Editor in Chief, *Frontiers in Pediatric Endocrinology*, Frontiers Research Foundation, Lausanne, Switzerland, www.frontierin.org.
2. Associate Editor of *Review of Diabetic Studies*, Society for Biomedical Diabetes Research.

International Academic Positions

Official opponent in doctoral dissertation of PhD. Candidate Sirpa Tenhola, Thesis Title: Cardiovascular Risk Factors and Adrenal Function in 12-year-old Children Born Small for Gestational age or After a Preeclamptic Pregnancy, University of Kuopio, Finland, May 27th, 2006.

Teacher of Evidence-Based Medicine in Paediatric Endocrinology, at the “Advanced Postgraduate Course on Methods in Growth Research – Theory and Practice”. Karolinska Institutet, Stockholm, November 22-26, 2010.

Reviewer for:

- Acta Paediatrica
- Acta Obstetrica and Gynaecologica Scandinavica
- American Journal of Clinical Nutrition
- Archives for Diseases in Childhood
- BMC Medical Genetics
- Clinical Endocrinology
- Diabetes
- Diabetologia
- Dutch Diabetes Research Foundation
- Endocrinology
- European Society for Pediatric Endocrinology
- European Journal of Endocrinology
- Hormone Research
- International Journal of Cancer
- International Journal of Clinical Practice
- International Journal of Obesity
- Italian Ministry of University and Research (MIUR). National Research Programmes (PRIN).
- Journal of Clinical Endocrinology and Metabolism
- Journal of Endocrinological Investigation
- Journal of Pediatric Endocrinology and Metabolism
- Journal of Pediatrics
- Lancet
- Metabolism
- Obesity
- Pediatric Research
- Pediatrics
- PlosONE
- Psychoneuroendocrinology
- Swiss National Science Foundation
- Trends in Endocrinology and Metabolism

Research Funds Granted and Managed as Responsible

The Prevention of osteoporosis by Nutritional Phytoestrogens (PHYTOS). European Commission Shared Cost Programmes. Proposal No. QLRT-1999-00857. Subcontractor of Contractor 1 National Institute for Food and Nutrition Research. 1999, duration 48 months. Sum granted: 50.000 EURO.

“Experimental Therapy in Adrenoleukodystrophy”. Baroni Foundation, 2000-2001, 25.000 EURO

“Phytohealth”. European Network for Research on Phytoestrogens. EU 2003; 5000 EURO

S6 Kinase activity in Human Placentas from Normal and SGA Fetuses. Italian Ministry of Scientific Research 2003. 2500 EURO. Principal Investigator and Coordinator

“Fetal origins of adult disease. Early identification of cardiovascular and metabolic risk factors in children with intrauterine growth retardation”. Multicentric study. National coordinator. Italian Ministry of Scientific Research COFIN 2003. 136.000 EURO. Principal Investigator and National Coordinator

“Placental reprogramming in intrauterine growth retardation (IUGR)”. Funds granted by Novo Nordisk, 2005. EURO 12.000. Principal Investigator and Coordinator

“Central reprogramming in intrauterine growth retardation”. Funds granted by Serono, 2005. EURO 10.000. Principal Investigator and Coordinator

“Hypothalamic programming in intrauterine growth retardation (IUGR)”. Funds granted by Novo Nordisk, 2005. EURO 15.000. Principal Investigator and Coordinator

“Hypothalamic programming in intrauterine growth retardation (IUGR)” (II). Funds granted by Novo Nordisk, 2006. EURO 15.000. Principal Investigator and Coordinator

“Hypothalamic programming in intrauterine growth retardation (IUGR)” (III). Funds granted by Novo Nordisk, 2007. EURO 15.000. Principal Investigator and Coordinator

SAGhE: Safety and Appropriateness of Growth hormone treatments in Europe”. HEALTH-2007-3.1-5: Better use of medicines Collaborative projects (Small or medium-scale focused research projects)
Coordinating person: Jean-Claude Carel
EU grant FP7. Euro 440000 for the local Unit (Tor Vergata, University, Rome) coordinated by Prof. Stefano Cianfarani. Principal Investigator and Coordinator of Workpackage 4. (2009-2012)

“Protective Role Of Igf-I In Premature Babies At Risk Of Neurological Damage And Retinopathy” Eli Lilly grant 2009. Euro 70.000. Principal Investigator and Coordinator

“*Igf2* methylation, intrauterine growth retardation (IUGR) and metabolic alterations. Clinical study in obese children born small for gestational age.” Current Research Funds “Bambino Gesù” Children’s Hospital, 2011. 12.000 Euro. Principal Investigator and Coordinator.

“Growth Hormone Treatment For Short Children Born Preterm And Presenting Extrauterine Growth Retardation”. Pfizer grant 2011. 164.000 Euro. Principal Investigator and Coordinator.

“European multi center study on identification of metabolic risk factors in obese children and adolescents. Current Research Funds “Bambino Gesù” Children’s Hospital, 2012. 60.000 Euro. Principal Investigator and Coordinator.

“Subclinical vitamin D deficiency and cardiometabolic risk in obese children”. Current Research Funds “Bambino Gesù” Children’s Hospital, 2012. 52000 Euro. Principal Investigator and Coordinator.

miRNA – Novel markers to predict the development of obesity-related disorders?

Collaborative International Project. European Society for Paediatric Endocrinology-Research Unit. Co-Investigator. 2013. 60000 Euro.

"Phthalates and bisphenol: a biomonitoring in Italian mother-child pairs: link between exposure and juvenile diseases" LIFE13 ENV/IT/000482. Principal Investigator of "Bambino Gesù" Children's Hospital Unit. European Commission co-financed project 1196182 Euro.

LIST OF PUBLICATIONS

THESES

Thesis for Medical School Degree: "Paediatric diseases due to receptorial defects", 1982 (University of Rome, "La Sapienza").

Thesis for Specialization School Diploma in Paediatrics: "New methods for investigation of somatotrophic function", 1986 (University of Rome, "La Sapienza").

ORIGINAL ARTICLES

1. Spadoni G.L., Cianfarani S., Boscherini B.
Le Somatomedine.
Rivista Italiana di Pediatria 10, 347-351, 1984.
2. de Capoa A., Baldini A., Marlekaj P., Natoli C., Rocchi M., Archidiacono N., Cianfarani S., Spadoni G.L., Boscherini B.
Hormone-modulated rRNA gene activity is visualized by selective silver staining of the NOs.
Cell Biology International Reports 9, 791-796, 1985
3. de Capoa, Marlekaj P., Baldini A., Felli M.P., Rocchi M., Archidiacono N., Cianfarani S., Spadoni G.L., Boscherini B.
Growth-hormone induced regulation of rRNA gene activity in

human cultured cells.

Hormone and Metabolic Research 18, 574-575, 1986.

4. Cianfarani S., Spadoni G.L., Finocchi G., Ravet P., Costa F., Papa M., Scirè G., Manca Bitti M.L., Boscherini B. Growth hormone treatment in Noonan's syndrome. *Minerva Pediatrica* 39, 281-284, 1987.
5. Cianfarani S., Spadoni G.L., Scirè G., Galasso C., Benvenuti S., Manca Bitti M.L., Rezza E., Boscherini B. Pretreatment growth velocity and response to GH (HGH) therapy. *Minerva Pediatrica* 39, 757-761, 1987.
6. Vaccaro F., Cioschi S., Falvo F., Bernardini S., Spadoni G.L., Cianfarani S., Carrozzo A.M., Nini G., Galasso C., Manca Bitti M.L., Pasquino A.M. Acanthosis Nigricans, insulin-resistenza ed endocrinopatie: attuali vedute e conoscenze. *Il Progresso Medico* 43, 483-489, 1987.
7. Spadoni G.L., Cianfarani S., Baldini A., Ravenna L., Felli M.P., Camaioni A., Manca Bitti M.L., Scirè G., Boscherini B., de Capoa A. Laron dwarfism: cellular unresponsiveness to GH demonstrated on cultured lymphocytes by a cytochemical method. *Hormone and Metabolic Research*, 20, 450-452, 1988.
8. Boscherini B., Cianfarani S., Spadoni G.L. Growth Disorders. *Medicina* 8, 287-292, 1988.
9. Baldini A., Felli M.P., Ravenna L., Camaioni A., de Capoa A., Spadoni G.L., Cianfarani S., Boscherini B. Differential ribosomal gene responsiveness to human growth hormone is visualized by selective silver staining. *Cytogenetics and Cell Genetics* 47, 22-25, 1988.
10. Spadoni G.L., Cianfarani S., Bernardini S., Vaccaro F., Galasso C., Manca Bitti M.L., Costa F., Boscherini B. Twelve-hour spontaneous nocturnal growth hormone secretion in growth retarded patients. *Clinical Pediatrics* 27, 473-478, 1988.
11. Holly JMP, Smith CP, Dunger DB, Howell RJS, Chard T, Perry LA, Savage MO, Cianfarani S., Rees LH, Wass JAH. Relationship between the pubertal fall in sex hormone-binding globulin and insulin-like growth factor binding protein-I. A synchronised approach to pubertal development? *Clinical Endocrinology* 31, 277-284, 1989.
12. Bernardini S., Cianfarani S., Galasso C., Spagnoli A., Vaccaro F., Spadoni G.L.

Somatotropin function in Noonan's syndrome.
Pediatria Oggi 9, 110-112, 1989.

13. Spagnoli A., Bernardini S., Galasso C., Vaccaro F., Manca Bitti M.L., Scirè G., Cianfarani S., Spadoni G.L.
Treatment of somatotropic deficiency with biosynthetic growth hormone.
Medical and Surgical Pediatrics 11, 5-10, 1989.
14. Cianfarani S., Holly JMP
Somatomedin-binding proteins: what role do they play in the growth process?
European Journal of Pediatrics 149:76-79, 1989.
15. Spadoni G.L., Cianfarani S., Bernardini S., Vaccaro F., Galasso C., Boscherini B.
Growth hormone treatment in children with sporadic primary microcephaly.
American Journal of Diseases in Childhood 143, 1282-1283, 1989.
16. Boscherini B., Cianfarani S., Spadoni G.L.
Clinical features of growth hormone (GH) deficiency.
Journal of Endocrinological Investigation 12, 17-19, 1989.
17. Holly JMP, Edeb JA, Alagband-Zadeh J, Carter GD, Jemmott RC, Cianfarani S., Chard T, Wass JAH.
Insulin-like growth factor binding proteins in follicular fluid from normal dominant and cohort follicles, polycystic and multicystic ovaries.
Clinical Endocrinology 33, 53-64, 1990.
18. Vaccaro F, Cianfarani S., Spadoni GL, Spagnoli A, Bernardini S, Galasso C, Boscherini B.
Growth hormone therapy in non GH-deficient short children.
Rivista Italiana di Pediatria 16, 528-534, 1990.
19. Spadoni GL, Spagnoli A, Cianfarani S., Del Principe D, Menichelli A, Di Giulio S, Boscherini B.
Enhancement of phorbol diester-stimulated respiratory burst in human polymorphonuclear leukocytes by growth hormone.
Acta Endocrinologica (ora European Journal of Endocrinology) 124, 589-594, 1991.
20. Spadoni G.L., Rossi P., Ragno W., Galli E., Cianfarani S., Galasso C., Boscherini B.
Immune function in growth hormone deficient children treated with biosynthetic growth hormone.
Acta Paediatrica Scandinavica 80, 75-79, 1991.
21. Cianfarani S., Vaccaro F, Spadoni GL, Galasso C, Bernardini S, Spagnoli A, Boscherini B.
Abnormal growth velocity does not impair the attainment of target height in "small-delay" children.
Acta Medica Auxologica 23, 245-251, 1991.
22. Bernardini S, Spadoni GL, Cianfarani S., Scalera G, Cives C,

- Vaccaro F, Pasquino AM, Boscherini B.
Growth hormone response to growth hormone releasing factor in Turner's syndrome.
Acta Medica Auxologica 23, 173-178, 1991.
23. Bernardini S, Spadoni GL, Cianfarani S, Vaccaro F, Pasquino AM, Boscherini B.
Growth hormone secretion in Noonan's syndrome.
Journal of Pediatric Endocrinology (now Journal of Pediatric Endocrinology and Metabolism) 4, 217-221, 1991.
24. Cianfarani S.
New modulators of growth: the somatomedin-binding proteins.
Rivista Italiana di Pediatria 18, 119-124, 1992.
25. Cianfarani S, Holly J.M.P., Pasquino A.M., Vaccaro F., Spadoni G.L., Bernardini S., Segni M., Boscherini B.
Insulin-like growth factor binding protein-1 (IGFBP-1) levels in Turner syndrome.
Hormone and Metabolic Research 24, 537-540, 1992.
26. Pasquino A.M., Bernardini S., Cianfarani S, Mancuso G., Marchione S.A., Passeri F., Pucarelli I., Spadoni G.L.
Growth hormone assessment and three years' hGH therapy in girls with Turner syndrome.
Hormone Research 38, 120-124, 1992.
27. Tedeschi B, Spadoni G.L., Sanna M.L., Vernole P., Caporossi D., Cianfarani S, Nicoletti B, Boscherini B.
Increased chromosome fragility in lymphocytes of short normal children treated with recombinant human growth hormone.
Human Genetics 91, 459-463, 1993
28. Cianfarani S, Nicholl R.M., Medbach S., Charlesworth M.C., Savage M.O.
Idiopathic hypothalamus-pituitary dysfunction: review of five cases.
Hormone Research 39, 47-50, 1993.
29. Cianfarani S, Frost V.J., Savage M.O., Holly J.M.P.
Glucose does not influence the insulin-like growth factor (IGF) binding to carrier proteins (IGFBPs): analysis of rat and human serum by western ligand blotting.
Experientia (now Cellular and Molecular Life Sciences) 49, 699-701, 1993.
30. Cianfarani S, Vaccaro F., Pasquino A.M., Marchione S.A., Passeri F., Spadoni G.L., Bernardini S., Spagnoli A., Boscherini B.
Reduced growth hormone (GH) secretion in Turner syndrome: is body weight a key factor?
Hormone Research, 41, 27-32, 1994.

31. Bernardini S, Cianfarani S, Spagnoli A, Melino G, Annicchiarico-Petruzzelli M, Massoud R, Boscherini B, Finazzi-Agrò A, Rosenfeld RG, Federici G. Expression and down regulation by retinoic acid of IGF binding protein-2 and 4 in medium from human neuroblastoma cells. *Journal of Neuroendocrinology* 6, 409-413, 1994.
32. Cianfarani S, Vaccaro F, Boscherini B. What is the rationale of growth hormone therapy in Turner syndrome? *Lancet* 344, 114-115, 1994.
33. Cianfarani S., Boscherini B. La sindrome di Noonan. *Prospettive in Pediatria* 25, 25-32, 1995.
34. Bernardini S, Cianfarani S, Pianca C, Massoud R, Germani D, Melino G, Federici G. Insulin-like growth factor binding protein-1 serum levels in neuroblastoma. *Clinical Chemistry and Enzimology Communications* 6, 359-363, 1995.
35. Vaccaro F, Cianfarani S, Pasquino AM, Boscherini B. Is the obesity-related insulin status the cause of the blunted growth hormone secretion in Turner syndrome? *Metabolism* 44, 1033-1037, 1995.
36. Spagnoli A., Spadoni G.L., Cianfarani S., Pasquino A.M., Troiani S., Boscherini B. Predicting outcome of growth hormone therapy in children with idiopathic short stature. *Journal of Pediatrics* 126, 905-909, 1995.
37. Cianfarani S., Boemi S., Spagnoli A., Cappa M., Argirò G., Vaccaro F., Manca Bitti M.L., Boscherini B. Is IGFBP-3 binding protein-3 assessment helpful for the diagnosis of GH deficiency? *Clinical Endocrinology* 43, 43-47, 1995.
38. Municchi G., Pasquino A.M., Pucarelli I., Cianfarani S., Passeri F. Growth hormone treatment in Noonan syndrome: report of four cases who reached final height. *Hormone Research* 44, 164-167, 1995.
39. Cianfarani S., Vitale S., Stanhope R., Boscherini B. Imperforate anus, bilateral hydronephrosis, bilateral undescended testes, and pituitary hypoplasia: a variant of Hall-Pallister syndrome or a new syndrome? *Acta Paediatrica* 84, 1322-1324, 1995.
40. Spagnoli A., Branca F., Spadoni G.L., Cianfarani S., Pasquino A.M., Argirò G., Vitale S., Robins S.P., Boscherini B. Urinary pyridinium collagen cross-links predict growth performance in children with idiopathic short stature and with growth hormone (GH) deficiency. Skeletal metabolism during GH treatment.

Journal of Clinical Endocrinology and Metabolism 81,3589-3593,1996.

41. Cianfarani S., Germani D., Rossi P., Spagnoli A., Mercanti D.
Do insulin-like growth factor binding proteins (IGFBPs) modulate the IGF-I growth promoting and differentiating effects in human neuroblastoma cells?
European Journal of Endocrinology 135, 716-723, 1996.
42. Cianfarani S., Rossi P.
Neuroblastoma and Insulin-like growth factor (IGF) system. New insights and clinical perspectives.
European Journal of Pediatrics 156, 256-261, 1997.
43. Cianfarani S., Boscherini B.
Il bambino con ritardo di crescita ad inizio intrauterino (IUGR, intrauterine growth retardation). Fisiopatologia dell'asse GH-IGF-I e tentativi terapeutici.
Prospettive in Pediatria 108, 299-306, 1997.
44. Cianfarani S., Tedeschi B, Germani D, Prete SP, Rossi P, Vernole P, Caporossi D, Boscherini B.
"In vitro" effects of growth hormone (GH) and insulin-like growth factor-I and -II (IGF-I and -II) on chromosome fragility and p53 protein expression in human lymphocytes.
European Journal of Clinical Investigation 28, 41-47, 1998.
45. Cianfarani S., Germani D, Rossi L, Argirò G, Boemi S, Lemon M, Holly JMP, Branca F.
IGF-I and IGF-binding protein-1 are related to cortisol in human cord blood.
European Journal of Endocrinology 138, 524-529, 1998.
46. Balducci R, Toscano V, Tedeschi B, Mangiantini A, Toscano R, Galasso C, Cianfarani S., Boscherini B.
A new case of Ambras syndrome associated with a paracentric inversion (8) (q12;q22).
Clinical Genetics 53, 466-468, 1998.
47. Cianfarani S., Germani D, Rossi P, Rossi L, Germani A, Ossicini C, Zuppa A, Argirò G, Holly JMP, Branca F.
Intrauterine growth retardation (IUGR): Evidence for the activation of the IGF-related growth promoting machinery and the presence of a cation-independent IGFBP-3 proteolytic activity by two months of life.
Pediatric Research 44, 374-380, 1998.
48. Cianfarani S., Germani D, Branca F.
Low birth weight and adult insulin resistance: the catch-up growth hypothesis.
Archives of Disease in Childhood, 81, F71-F73, 1999.
49. Cianfarani S.
Low birth weight and IGF system, Physiology and clinical implications.
Rivista di Clinica Dietologica 27, 89-92, 1999.
50. Puglianiello A, Germani D, Rossi P and Cianfarani S.

Insulin-like growth factor-I (IGF-I) stimulates chemotaxis of human neuroblasts. Involvement of type I IGF receptor, insulin-like growth factor binding proteins (IGFBPs), phosphatidylinositol (PI)-3 kinase pathway and plasmin system.
Journal of Endocrinology 165, 123-131, 2000.

51. Rossi L., Branca F. and Cianfarani S.
Collagen cross-links and early postnatal growth in newborns with intrauterine growth retardation.
Metabolism 49, 1467-1472, 2000.
52. Elias LLK, Huebner A, Metherell LA, Canas A, Warne GL, Manca Bitti ML, Cianfarani S., Clayton PE, Savage MO, Clark AJL.
Tall stature in familial glucocorticoid deficiency.
Clinical Endocrinology 53, 423-430, 2000.
53. Cianfarani S., Bonfanti R, Manca Bitti ML, Germani D, Boemi S, Chiumello G, Boscherini B.
Growth and Insulin-like Growth Factors (IGFs) in Children with Insulin- Dependent Diabetes Mellitus (IDDM) at Onset of Disease. Evidence for Normal Growth, Age Dependency of the IGF System Alterations and Presence of a Small (18 kDa) IGFBP-3 Fragment in Serum.
Journal of Clinical Endocrinology and Metabolism 85, 4162-4167, 2000.
54. Cianfarani S., Geremia C, Germani D, Scirè G, Maiorana A, Boemi S.
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