

Curriculum Vitae
Angelo Pietrobelli, M.D.
Professore Ordinario di Pediatria
Professore Ordinario di Nutrizione Clinica
Unità Operativa Semplice I Primi 1000 Giorni di Vita
Dipartimento di Scienze Chirurgiche, Odontostomatologiche e Materno Infantili
Università degli Studi di Verona, Verona,

Formazione

- Ginnasio-Liceo "G. Cotta", Legnago (Verona);
- Laurea in Medicina e Chirurgia, conseguita presso l'Università degli Studi di Bologna, 1992;
Esame di Stato: Seconda Sessione a.a.1992-93;
- Specializzazione in Pediatria, conseguita Presso l'Università degli Studi di Milano, Milano, 1997
(Director Prof. Giuseppe Chiumello), Votazione 70/70 cum laude;
- Certified Phlebotomy Technician from American Medical Technologists.

Internati di Esperienza

- Università degli Studi di Bologna, *Medico Frequentatore*, Gennaio 1991 - Novembre 1992;
- University degli Studi di Bologna, *Medico Frequentatore – interno*, 1992-1993;
- Cologna Veneta (Verona): Dipartimento di Pediatria, Febbraio 1993- Febbraio 1994;
- Ospedale San Raffaele, Milano, Specialista in Formazione, Febbraio 1994 – Ottobre 1997;
- Columbia University, College of Physicians and Surgeons, New York City, USA – New York Presbyterian Hospital – *Postdoctoral Research Scientist*: October 1996 – December 1998;
- St. Luke's-Roosevelt Hospital, a University Hospital of Columbia University College of Physicians & Surgeons New York Medical College - *Interim Appointment as Research Associate in Medicine*, October 1997 – December 1998.

Esperienza Professionale

- *Post-Doctoral Research Scientist at The Obesity Research Center*, St. Luke's/Roosevelt Hospital Center, Columbia University College of Physicians & Surgeons, New York, NY, (USA), (Director Prof. Steven B. Heymsfield), October 1995 – June 1998;
- *Medico – Aiuto – Clinica Pediatrica*, (Direttore Prof. L. Tatò), Verona;
- *Medico Aiuto in Patologia Neonatale*, Università degli Studi di Verona, Giugno 1998 – Febbraio 2015;
- *Professore Associato di Pediatria*, Pediatria, Dipartimento di Scienze Chirurgiche, Odontostomatologiche e Materno Infantili, Università di Verona, Dicembre 2010- Febbraio 2022;

- *Professore Associato di Nutrizione Clinica, Pediatria; Dipartimento di Scienze Chirurgiche, Odontostomatologiche e Materno Infantili, Università di Verona, Dicembre 2010- Febbraio 2022;*
- *Adjunct Associate Professor – Pennington Biomedical Research Center, Baton Rouge, LA, USA, da giugno 2011;*
- *Direttore di Unità Operativa Semplice: “I Primi 1000 Giorni di vita del Bambino per la Prevenzione delle Malattie non Trasmisibili dell’Adulto, dal Settembre 2017.*
- *Professore Ordinario di Pediatria, Pediatria, Dipartimento di Scienze Chirurgiche, Odontostomatologiche e Materno Infantili, Università di Verona, Verona, dal 1 Marzo 2022;*
- *Professore Ordinario di Nutrizione Clinica, Pediatria, Dipartimento di Scienze Chirurgiche, Odontostomatologiche e Materno Infantili, Università di Verona, Verona, dal 1 Marzo 2022.*

Membro di Società Scientifiche Nazionali ed Internazionali

- American Society of Parenteral and Enteral Nutrition (ASPEN);
- European Childhood Obesity Task Force (ECOTF);
- Società Italiana di Nutrizione Umana (SINU);
- Società Italiana di Pediatria (SIP);
- The Obesity Society (TOS).

Riconoscimenti e Premi

- European Society of Pediatric Endocrinology. June 1996. Travel Grant to present research in Montpellier, (France). “Association between Central Fat Deposition and Health Risk Indicators among Male and Female children”;
- The Lawson Wilkins Pediatric Endocrine Society and European Society of Pediatric Endocrinology, June 1997. Travel Grant to present research in Stockholm, (Sweden). “Is the Relationship Between Leptin and Insulin Levels the Same for Individuals with and without Prader Willi Syndrome (PWS)”;
- Fellow Grant. Founded to attend the Sero Symposia USA, “A current Review of Pediatric Endocrinology”, April 28 - May 2, 1997, Washington, (USA);
- New Investigator Award. Founded to attend the NAASO-sponsored conference, “Advancing the Genetics of Obesity. Strategies & Methods”, July 10-13, 1997, New Paltz, New York, (USA);
- Membro Honorario de ACOTRA – Asociacion Cordobesa de Obesidad Y Trastornos Alimentarios, Cordoba, Argentina, 1998;
- Professor Visitante de La Carrera de Medicina at the Universidad Abierta Interamericana, Buenos Aires, Argentina, 2000.

- **Oded Bar-Or Award** conferred by The Obesity Society (TOS), USA: *"For the exceptional contribution given in the medical and research fields for the prevention and treatment of childhood obesity, the millenium epidemic"*, November 8th, 2020.

Revisore di Riviste Scientifiche Internazionali

- American Journal of Physiology;
- British Journal of Nutrition;
- Diabetes Care;
- International Journal of Obesity;
- Journal of Pediatrics;
- New England Journal of Medicine;
- Obesity;
- Obesity Reviews;
- Pediatric Obesity;
- Pediatrics;
- The American Journal of Clinical Nutrition;
- THE LANCET.

Membro di Comitati Editoriali di Riviste Internazionali

- International Journal of Obesity;
- Obesity.

Editore Associato

- International Journal of Obesity

Pubblicazioni

- L.Bosio, S. Omati, F. Benzi, **A. Pietrobelli**, G. Chiumello. Quale dieta per il bambino obeso? Atti: XIV Incontro di Pratica pediatrica. (Circeo-Roma, Italy: giugno, 7-10.1994).
- G. Chiumello, P. Brambilla, P. Manzoni, **A. Pietrobelli**. Secondary Obesity. 4th International Workshop - European Childhood Obesity Group. Pécs, Hungary; November, 3-6.1994.
- G. Chiumello, P. Brambilla, L. Beccaria, L. Bosio, P. Manzoni, MC. Lattuada, **A. Pietrobelli**. Grasso Corporeo totale e distrettuale: implicazioni metaboliche a breve e lungo termine. Rivista Italiana di Pediatria (Italian Journal Pediatrics) 1995; 21(4):496-498.
- G. Chiumello, P. Brambilla, P. Manzoni, **A. Pietrobelli**, MC. Lattuada. Nutrizione Metabolismo e Crescita. Atti: XV Incontro di Pratica Pediatrica (Circeo-Rome, Italy: June, 6-9.1995).

- **A. Pietrobelli**, SB. Heymsfield. Leptin: the state of the science. (Leptina: lo stato dell'arte). *Cenesthesia* 1997; 6:4-7.
- **A. Pietrobelli**, SB. Heymsfield. Bioimpedance Analysis (BIA): The Next Generation of System and Research. *New Clinical Approach to Bioelectrical Impedance Analysis* 1998:37-42.
- P. Brambilla, P. Manzoni, L. Beccaria, **A. Pietrobelli**, A. Laiolo, G. Agostini, P. Simone, G. Chiumello. Bioelectrical Impedance Analysis (BIA): Pediatric Clinical Experience. *New Clinical Approach to Bioelectrical Impedance Analysis* 1998: 43-49.
- **A. Pietrobelli**, DB. Allison, SB. Heymsfield. Practical, Low-cost Body Composition Assessment for Clinicians. *The Weight Control Digest* 1997; 7(6):675-677.
- **A. Pietrobelli**, SB. Heymsfield. Il futuro della bioimpedenza è già cominciato. *Cenesthesia* 1998; 5:42-49.
- L. Pinelli, **A. Pietrobelli**, C. Catassi, A. Balsamo, S. Seminara, T. De Toni, M. De Simone, L. Beccaria, G. Chiumello, G. Trifirò, S. Bernasconi, L. Iughetti, A. Franzese, C. Livieri, AM. Ambrozzi, A. Crinò, E. Menghetti, G. Morino, P. Yiannakou, G. Tonini, G. Valerio N. Monetti, N. Elerdini, C. Maffei, L. Tatò, P. Brambilla. L' obesità in età evolutiva: stato dell'arte. *Rivista Italiana di Pediatria (Italian Journal Pediatrics)* 1999; 25:481-488.
- **A. Pietrobelli**. Sugerencias clinicas para la prevencion de la obesidad infantil. *Obesidad* 2001; 12(1):26-27.
- **A. Pietrobelli**, AG. Pelayo. Uso dell'indice de masa corporal para evaluar la obesidad en ninos. *Obesidad* 2001; 12(2):12-15.
- Mannucci E, Bartali B, Molino Lova R, Papucci M, Lauretani F, Luisi ML, **Pietrobelli A**, Macchi C. Eating habits in elderly diabetic subjects: Assessment in the InCHIANTI Study. *Nutr Metab Cardiovasc Dis.* 2007.

Articoli Originali in Riviste Peer reviewed

- P. Manzoni, P. Brambilla, **A. Pietrobelli**, L. Beccaria, A. Bianchessi, S. Mora, G. Chiumello. Influence of body composition on bone mineral content in children and adolescents. *American Journal of Clinical Nutrition* 1996; 64:603-607.
- **A. Pietrobelli**, C. Formica, ZM. Wang, SB. Heymsfield. Dual-Energy X-ray absorptiometry body composition model: review of physical concepts. *American Journal of Physiology (Endocrinology and Metabolism)* 1996; 271:941-951.
- **A. Pietrobelli**, D. Rothachar, D. Gallagher, SB. Heymsfield. Electrocardiographic Qtc Interval: short-term weight loss effects. *International Journal of Obesity* 1997; 21:110-114.
- P. Brambilla, L. Bosio, P. Manzoni, **A. Pietrobelli**, L. Beccaria, G. Chiumello. Peculiar body composition in patients with Prader-Labhart-Willi syndrome. *American Journal of Clinical Nutrition* 1997; 65:1369-1374.
- N. David, R. DeMeersman, D. Gallagher, **A. Pietrobelli**, AS. Zion, D. Dely, SB. Heymsfield. Qtc interval (Cardiac Repolarization): lengthening following meals. *Obesity Research* 1997; 5:331-37.

- **A. Pietrobelli**, MS. Faith, DB. Allison, D. Gallagher, G. Chiumello, SB. Heymsfield. Body Mass Index as a measure of adiposity among children and adolescents: a validation study. *Journal of Pediatrics* 1998; 132:204-10.
 - **A. Pietrobelli**, D. Gallagher, R. Baumgartner, B. Ross, SB. Heymsfield. Lean R value for DXA Two-component soft tissue model: influence of age and tissue/organ type. *Journal of Applied Radiation and Isotopes* 1998; 49 (5-6):743-44.
 - SB. Heymsfield, D. Gallagher, J. Grammes, C. Nunez, Z. Wang, **A. Pietrobelli**. Upper extremity skeletal muscle mass: Potential of measurement with single frequency bioimpedance analysis. *Journal of Applied Radiation and Isotopes* 1998; (5-6):473-74.
 - **A. Pietrobelli**, DB. Allison, MS. Faith, L. Beccaria, L. Bosio, G. Chiumello, LA. Campfield, SB. Heymsfield. Prader-Willi Syndrome: relationship of adiposity to plasma leptin levels. *Obesity Research* 1998; 6:196-201.
 - ZM. Wang, P. Deurenberg, SS. Guo, **A. Pietrobelli**, J. Wang, RN. Pierson, SB. Heymsfield. Six-compartment body composition model: inter-method comparisons of total body fat measurement. *International Journal of Obesity* 1998; 22:329-337.
 - R. Comizio, **A. Pietrobelli***, YX Tan, ZM. Wang, R. Withers, SB Heymsfield, CN Boozer. Total body lipid and triglyceride response to energy deficit: relevance to molecular-level body composition model. *American Journal of Physiology (Endocrinology and Metabolism)* 1998; 274:E860-E866.
- *corresponding author.
- **A. Pietrobelli**, ZM. Wang, C. Formica, SB. Heymsfield. Dual-Energy X-ray absorptiometry: fat estimation error due to variation in soft tissue hydration. *American Journal of Physiology (Endocrinology and Metabolism)* 1998; 274:E808-E816.
 - DB. Allison, M. Heo, MS. Faith, **A. Pietrobelli**. Meta-analysis of the association of the Trp64Arg polymorphism in the α_3 adrenergic receptor with body mass index. *International Journal of Obesity* 1998; 6:559-566.
 - **A. Pietrobelli**, P. Morini, N. Battistini, G. Chiumello, C. Nunez, SB. Heymsfield. Appendicular skeletal muscle mass: prediction from multiple frequency segmental bioimpedance analysis. *European Journal of Clinical Nutrition* 1998; 52(7):507-511.
 - DB. Allison, W. Packer-Munter, **A. Pietrobelli**, VC. Alfonso, MS. Faith. Obesity and developmental disabilities: pathogenesis and treatment. *Journal of Developmental and Physical Disabilities* 1998; 10 (3):215-255.
 - SB. Heymsfield, DB. Allison, JR. Vasselli, **A. Pietrobelli**, D. Greenfield, C. Nunez. Garcinia cambogia: a randomized-double blind controlled trial a potential anti-obesity agent. *Journal of American Medical Association (JAMA)* 1998; 280:1596-1600.
 - **A. Pietrobelli**, ZM. Wang, SB. Heymsfield. Techniques used in measuring human body composition. *Current Opinion in Clinical Nutrition and Metabolic Care* 1998; 1(5):439-448.

- **A. Pietrobelli**, RC. Lee, E. Capristo, R. Deckelbaum, SB. Heymsfield. An independent, inverse association of high-density lipoprotein cholesterol concentration with non-adipose body mass. *American Journal of Clinical Nutrition* 1999; 69:614-620.
- ZM. Wang, P. Deurenberg, W. Wang, **A. Pietrobelli**, RN. Baumgartner, SB. Heymsfield. Hydration of fat-free body mass: review and critique of a classic body composition constant. *American Journal of Clinical Nutrition* 1999; 69:833-841.
- ZM. Wang, P. Deurenberg, W. Wang, **A. Pietrobelli**, RN. Baumgartner, SB. Heymsfield. Hydration of fat-free body mass: new physiological modeling approach. *American Journal of Physiology* 1999; 276:995-1003.
- C. Nunez, AJ. Kovera, **A. Pietrobelli**, S. Heshka, M. Horlick, JJ. Kehayias, ZM. Wang, SB. Heymsfield. Body composition in children and adults by air displacement plethysmograph. *European Journal of Clinical Nutrition* 1999; 53(5):382-387.
- MS. Faith, **A. Pietrobelli**, C. Nuñez, M. Heo, SB. Heymsfield, DB. Allison. Evidence for Independent Genetic Influences on Fat Mass and Body Mass Index in a Pediatric Twin Sample. *Pediatrics* 1999; 104(1):61-67.
- DB. Allison, R. Zannolli, MS. Faith, M. Heo, **A. Pietrobelli**, TB. VanItallie, FX. Pi-Sunyer, SB. Heymsfield. Weight loss increases and fat loss decreases all-cause mortality rate: results from two independent cohort studies. *International Journal of Obesity* 1999; 23:603-611.
- L. Pinelli, N. Elerdini, MS. Faith, D. Agnello, A. Ambruzzi, M. De Simone, G. Leggeri, C. Livieri, N. Monetti, P. Peverelli, A. Salvatoni, S. Seminara, R. Uasone, **A. Pietrobelli**. Childhood obesity: results of a multicenter study of obesity treatment in Italy. *Journal of Pediatric Endocrinology and Metabolism (JPEM)* 1999; 12:795-799.
- L. Pinelli, **A. Pietrobelli**, F. Tomasselli, A. Verrotti, M. Catino, F. Chiarelli. Nutrition and exercise in children with diabetes. *Diabetes, Nutrition & Metabolism* 1999; 12(2):102-107.
- M. Zamboni, E. Turcato, H. Santana, S. Maggi, TB. Harris, **A. Pietrobelli**, SB. Heymsfield, R. Micciolo, O. Bosello. Relationships between body composition and physical performance in the elderly. *Journal American Geriatric Society* 1999; 47 (12):1403-1408.
- G. Bedogni, **A. Pietrobelli**, SB. Heymsfield, C. Rountaroli, A. Borghi, F. Ferrari F, N. Battistini, G. Salvioli. Influence of body composition on bone mineral content in elderly women. A preliminary report. *Annals of New York Academy of Science* 2000, 904:489-90.
- L. Pescollderungg, **A. Pietrobelli**, AL. Boner. Cat sensitivity: 7 y-yr audit in children attending a pediatric allergy clinic in North Italy. *European Respiratory Journal* 2000; 16:857-860.
- G. Mingrone, A. Bertuzzi, E. Capristo, AV. Greco, M. Manco, **A. Pietrobelli**, S. Salinari, SB. Heymsfield. Unreliable use of standard muscle hydration value in obesity. *American Journal of Physiology (Endocrinology and Metabolism)* 2001; 280:E365-E371.
- G. Bedogni, **A. Pietrobelli**, SB. Heymsfield, A. Borghi, AM. Manzieri, P. Morini, N. Battistini, G. Salvioli. Is body mass index a measure of adiposity in elderly women? *Obesity Research* 2001; 9:17-20.

- C. Maffei, **A. Pietrobelli**, A. Grezzani, S. Provera, L. Tatò. Waist circumference and cardiovascular risk factors in prepubertal children. *Obesity Research* 2001;9:179-187.
- **A. Pietrobelli**, ZM Wang, SB. Heymsfield, D. Gallagher. Multi-component body composition models: recent advances and future directions. *European Journal of Clinical Nutrition* 2001; 55:69-75.
- MS. Faith, N. Berman, M. Heo, **A. Pietrobelli**, D. Gallagher, LH. Epstein, MT. Eiden, DB. Allison. Effects of Contingent-TV on Physical Activity and TV-Viewing in Obese Children. *Pediatrics* 2001; 107:1043-1048.
- DG. Peroni, GL. Piacentini, L. Vicentini, S. Costella, **A. Pietrobelli**, AL. Boner. Effective allergen avoidance reduces residual volume and sputum eosinophils in children with asthma. *Journal Allergy Clinic Immunology* 2001; 108:308.
- C. Maffei, A. Grezzani, **A. Pietrobelli**, S. Provera, L. Tatò. Does waist circumference predict fat gain in children? *International Journal of Obesity* 2001; 25:978-983.
- M. Rosenbaum, **A. Pietrobelli**, JR. Vasselli, SB. Heymsfield, RL. Leibel. Sexual dimorphism in circulating leptin concentrations is not accounted for by differences in adipose tissue distribution. *International Journal of Obesity* 2001; 25:1365-1371.
- **A. Pietrobelli**, MS. Faith, J. Wang, P. Brambilla, G. Chiumello, SB. Heymsfield. Association of lean tissue and Fat mass with bone mineral content in children and adolescents. *Obesity Research*; 2002;10:56-60.
- S. Salinari, A. Bertuzzi, G. Mingrone, E. Capristo, **A. Pietrobelli**, P. Campioni, AV. Greco, SB. Heymsfield. New impedance model accurately predicts lower limb muscle volume: validation by magnetic resonance imaging. *American Journal of Physiology* 2002;282:960-966.
- KL. Keller, **A. Pietrobelli**, S. Must, MS. Faith. Genetics of eating and its relation to obesity. *Current Atherosclerosis Report* 2002; 4(3):176-182.
- Z. Mei, LM. Grummer-Strawn, **A. Pietrobelli**, A. Goulding, MI. Goran, WH. Dietz. Validity of body mass index compared with other body-composition screening indexes for the assessment of body fatness in children and adolescents. *American Journal of Clinical Nutrition* 2002; 75(6):978-85.
- DG. Peroni, GL. Piacentini, S. Costella, **A. Pietrobelli**, A. Bodini, A. Loiacono, R. Aralla, AL. Boner. Mite avoidance can reduce air trapping and airway inflammation in allergic asthmatic children. *Clinical & Experimental Allergy* 2002;32:850.
- DG. Peroni, GL. Piacentini, **A. Pietrobelli**, A. Loiacono, W. De Gasperi, A. Sabbion, R. Micciolo, AL. Boner. The combination of single-dose montelukast and loratadine on exercise-induced bronchospasm in children. *European Respiratory Journal* 2002; 19:1-4.
- **A. Pietrobelli**, C. Nunez, G. Zingaretti, N. Battistini, P. Morini, ZM. Wang, S. Yasumura, SB. Heymsfield. Assessment by bioimpedance of forearm cell mass: a new approach to calibration. *European Journal of Clinical Nutrition* 2002; 56(8):723-8.
- M. Pifferi, D. Caramella, V. Ragazzo, **A. Pietrobelli**, AL. Boner. Low-density areas on high-resolution computed tomograms in chronic asthma. *Journal of Pediatrics* 2002;141:104-108.

- MS. Faith, MA. Leone, TS. Ayers, M. Heo, **A. Pietrobelli**. Weight criticism during physical activity, coping skills, and reported physical activity in children. *Pediatrics* 2002; 110 (2pt1):e23
- M. Pifferi, G. Baldini, G. Marrazzini, M. Baldini, V. Ragazzo, **A. Pietrobelli**, AL. Boner. Benefits of immunotherapy with a standardized *Dermatophagoides pteronyssinus* extract in asthmatic children: a three-year prospective study. *Allergy* 2002;57(9):785-790.
- M. Heo, MS. Faith, **A. Pietrobelli**. Resistance to change of adulthood body mass index. *International Journal of Obesity* 2002; 26:1404-1405.
- **A. Pietrobelli**, DB. Allison, S. Heshka, M. Heo, ZM. Wang, A. Bertkau, B. LaFerrere, M. Rosenbaum, JF. Aloia, FX. Pi-Sunyer, SB. Heymsfield. Sexual dimorphism in the energy content of weight change. *International Journal of Obesity* 2002; 26:1339-1348.
- **A. Pietrobelli**, SB. Heymsfield. Establishing body composition in obesity. *J Endocrinology Investigation* 2002, 25:884-92.
- MS. Faith, KL. Keller, P. Matz, SL. Johnson, R. Lewis, MA. Jorge, C. Ridley, H. Han, S. Must, M. Heo, **A. Pietrobelli**, SB. Heymsfield, DB. Allison. Project grow-2-gether: a study of the genetic and environmental influence on child eating and obesity. *Twin Research* 2002, 5:472-75.
- F. Maggi, M. Pifferi, C. Fornai, E. Andreoli, E. Tempestini, M. Vatteroni, S. Presciuttini, S. Marchi, **A. Pietrobelli**, AL. Boner, M. Pistello, M. Bendinelli. TT Virus in the nasal secretions of children with acute respiratory diseases: relations to viremia and disease severity. *Journal of Virology* 2003; 77:2418-25.
- L. Pescollderungg, G. Radetti, E. Gottardi, DG. Peroni, **A. Pietrobelli**, AL. Boner. Systemic activity of inhaled corticosteroid treatment in asthmatic children: corticotrophin releasing hormone test. *Thorax* 2003, 58:227-30.
- F. Antoniazzi, G. Zamboni, F. Bertoldo, S. Lauriola, F. Mengarda, **A. Pietrobelli**, L. Tatò. Bone mass at final height in precocious puberty after gonadotropin-releasing hormone agonist with and without calcium supplementation. *J Clinical Endocrinology and Metabolism* 2003;88:1096-1101.
- C. Righetti, DG. Peroni, **A. Pietrobelli**, C. Zancanaro. Proton nuclear magnetic resonance analysis of meconium composition in newborns. *J Pediatric Gastroenterology Nutrition* 2003;36:498-501.
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- GB. Pajno, DG. Peroni, G. Barberio, **A. Pietrobelli**, AL. Boner. Predictive features for persistence of atopic dermatitis in children. *Pediatric Allergy Immunology* 2003, 14:292-95.
- MS. Faith, S. Heshka, KL. Keller, B. Sherry, PE. Matz, **A. Pietrobelli**, DB. Allison. Maternal-child feeding patterns and child body weight: findings from a population-based sample. *Archives Pediatric Adolescent medicine* 2003; 157:926-32.
- GB. Pajno, DG. Peroni, D. Vita, **A. Pietrobelli**, S. Parmiani, AL. Boner. Safety of sublingual immunotherapy in children with asthma. *Pediatric Drugs* 2003, 5:777-81.
- A. Crinò, NA Greggio, L. Beccaria, Schiaffini R, **A. Pietrobelli**, C. Maffei. Diagnosis and differential diagnosis of obesity in childhood. *Minerva Pediatrica* 2003, 55:461-70.

- KL. Keller, **A. Pietrobelli**, MS. Faith. Genetics of food intake and body composition: lessons from twin studies. *Acta Diabetologica* 2003; 40(S1): S95-100.
- **A. Pietrobelli**, A. Andreoli, V. Cervelli, MG. Carbonelli, DG. Peroni, A. De Lorenzo. Predicting fat-free mass in children using bioimpedance analysis. *Acta Diabetologica* 2003; 40(S1):S212-215
- **A. Pietrobelli**, DG. Peroni, MS. Faith. Pediatric body composition in clinical studies: which methods in which situations. *Acta Diabetologica* 2003; 40(S1): S270-73.
- P. Pecoraro, B. Guida, M. Caroli, R. Trio, C. Falconi, S. Principato, **A. Pietrobelli**. Body mass index and skinfold thickness versus bioimpedance analysis: fat mass prediction in children. *Acta Diabetologica* 2003; 40(S1):S278-81.
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- MS. Faith, KL Keller, SL. Johnson, **A. Pietrobelli**, PE Matz, S. Must, MA. Jorge, J. Cooperberg, SB Heymsfield, DB. Allison. Familial aggregation of energy intake in children. *American Journal of Clinical Nutrition* 2004; 79(5):844-850.
- **A. Pietrobelli**, F. Rubiano, MP. St-Onge, SB. Heymsfield. New bioimpedance analysis system: improved phenotyping with whole-body analysis. *European Journal of Clinical Nutrition* 2004;
- M. Pifferi, AM. Cangiotti, D. Caramella, **A. Pietrobelli**, V. Ragazzo, E. De marco, P. Macchia, S. Cinti, AL. Boner. "Cyst-like" structures within the ciliary shafts in children with bronchiectasis. *European Respiratory Journal* 2004; 23(6):857-60.
- F. Maggi, M. Pifferi, E. Tempestini, L. Lanini, E. De Marco, C. Fornai, E. Andreoli, S. Prosciuttini, LM. Vatteroni, M. Pistillo, V. Ragazzo, P. Macchia, **A. Pietrobelli**, AL. Boner, M. Bendinelli. Correlation between torque tenovirus infection and serum levels of eosinophil cationic protein in children hospitalized for acute respiratory diseases. *Journal of Infection Diseases* 2004; 190(5):971-74.
- **A. Pietrobelli**. Outcome measurements in paediatric obesity prevention trials. *International Journal of Obesity* 2004;28 Suppl 3:S86-9.
- M Pifferi, D Caramella, V Ragazzo, E De Marco, **A Pietrobelli**, AL Boner. Montelukast and airway remodeling in children with chronic persistent asthma: an open study. *Pediatric Allergy Immunology* 2004;15(5):472-3.
- Fernandez JR, Redden DT, **Pietrobelli A**, Allison DB. Waist circumference percentiles in nationally representative samples of African-American, European-American, and Mexican-American children and adolescents. *Journal of Pediatrics* 2004;145(4):439-44.
- M Hayes, M Chustek, S Heshka, Z Wang, **A Pietrobelli**, SB Heymsfield. Low physical activity levels of modern Homo sapiens among free-ranging mammals. *International Journal of Obesity* 2005;29(1):151-6.

- TJ Cole, MS Faith, **A Pietrobelli**, M Heo. What is the best measure of adiposity change in growing children: BMI, BMI %, BMI z-score or BMI centile? *European Journal of Clinical Nutrition* 2005 Mar;59(3):419-25. Erratum in: *Eur J Clin Nutr.* 2005;59(6):807.
- **Pietrobelli A**, Boner AL, Tato L. Adipose tissue and metabolic effects: new insight into measurements. *International Journal of Obesity* 2005;29 Suppl 2:S97-100.
- NC Battistini, M Malavolti, M Poli, **A Pietrobelli**. Growth: healthy status and active food model in pediatrics. *International Journal of Obesity* 2005;29 Suppl 2:S14-8.
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