

PERSONAL INFORMATION

Verduci Elvira

 (Italy)

 elvira.verduci@unimi.it

WORK EXPERIENCE

23/12/2013–Present

Ricercatore Universitario

Dipartimento di Scienze della Salute, Clinica Pediatrica, Azienda Ospedaliera San Paolo-Milano

Referente per le problematiche nutrizionali e gastroenterologiche dell'attività di Reparto e dell'Ambulatorio di Nutrizione Clinica e di Gastroenterologia Pediatrica. Tra le problematiche nutrizionali si occupa particolarmente dell'inquadramento diagnostico e del follow up clinico-nutrizionale dei bambini con sovrappeso e obesità essenziale, e delle complicanze correlate (ipertensione arteriosa, dislipidemie, insulinoresistenza, diabete tipo II).

01/11/2007–Present

assegnista di ricerca

Clinica Pediatrica dell'Azienda Ospedaliera San Paolo- Milano

Responsabile della ricerca sulla nutrizione che si svolge presso la Clinica Pediatrica dell'Ospedale San Paolo, in particolare con riferimento al programming nutrizionale e all'obesità essenziale in età pediatrica. Espleta l'attività dell'Ambulatorio di Endocrinologia Pediatrica.

19/11/2003–31/10/2007

Consulente Pediatrico

Clinica Pediatrica Azienda Ospedaliera San Paolo

Espleta l'attività ambulatoriale di Pediatria Generale e di Nutrizione Clinica Pediatrica

EDUCATION AND TRAINING

11/2003–11/2006

Dottore di ricerca in Nutrizione Sperimentale e Clinica

Università degli Studi di Milano

11/1998–10/2003

Specializzazione in Pediatria

Università degli Studi di Milano

11/1992–10/1998

Laurea in Medicina e Chirurgia

Università degli Studi di Milano

PERSONAL SKILLS

Mother tongue(s)

Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
inglese	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

Buona capacità di adattamento in ambiente multiculturali maturata attraverso le riunioni a cui partecipa inerente i progetti della comunità europea che sta seguendo.

Ottime capacità comunicative attraverso l'esperienza di relatrice a convegni nazionali e internazionali.

Organisational / managerial skills

Partecipa ed ha partecipato ai seguenti Progetti finanziati dalla Comunità Europea. In tali Progetti riveste ed ha rivestito un ruolo di coordinamento tra i Centri Europei e quelli Italiani coinvolti nello studio, partecipando a riunioni internazionali organizzative, e svolgendo attività' interattiva quotidiana con i diversi centri

Progetto "CHOP" (Childhood Obesity Program numero QLK1-CT-2001-00389) sugli effetti delle precoci abitudini nutrizionali sullo sviluppo delle variabili antropometriche nelle epoche di vita successive.

Progetto EARNEST (EARLY Nutrition programming- long term follow up of Efficacy and Safety Trials and integrated epidemiological, genetic, animal, consumer and economic research). Contratto no.: 007036. Il Progetto EARNEST è stato ideato per verificare l'ipotesi del "programming nutrizionale", ovvero che interventi nutrizionali precoci (in gravidanza, durante l'allattamento, nelle prime fasi di vita) possano avere un impatto a lungo termine sulla salute. In tale Progetto rientra quindi il Progetto CHOP che studia l'influenza del tipo di allattamento nelle prime epoche di vita sullo sviluppo di obesità. Data di inizio: Ottobre 2004.

Progetto NUTRIMENTHE (The Effect of diet on mental performance in children Contratto no.: 212652). Lo studio è volto ad analizzare l'effetto di interventi nutrizionali (riguardanti in particolare proteine, LCPUFA, vitamine, minerali,) in gravidanza e nei primi anni di vita sullo sviluppo cognitivo e neurologico nei bambini di otto anni di età.

Progetto EARLY NUTRITION (Long term effects of early nutrition on later health. Progetto EU FP7-KBBE-2011-289346) sugli effetti che la nutrizione nelle prime fasi della vita (prenatale e postnatale) può avere sulla salute futura e il rischio di sviluppare non -communicable disease.

Job-related skills

Ha lavorato specificatamente in biologia molecolare sulla genetica delle sindromi iperfenilalaninemiche, frequentando il Laboratorio di Biologia Molecolare (Responsabile: D.ssa Maria Luisa Biondi, Primario: D.ssa Emma Guagnellini), Ospedale San Paolo, effettuando personalmente metodiche di estrazione del DNA da cellule di sangue periferiche, amplificazione dei geni dell'enzima fenilalanina-idrossilasi (tramite PCR) ericerca delle mutazioni genetiche attraverso utilizzo di enzimi di restrizione e metodiche di sequenziamento genetico. Ha inoltre appreso conoscenze di colture cellulari e di tecniche immunoistochimiche. Nel 2002 ha frequentato e partecipato all'attività pediatrica di Gastroenterologia e Nutrizione e di Malattie Metaboliche Congenite presso l' "Hopital Necker Enfants" a Parigi.

Digital skills

Buona padronanza degli strumenti di Microsoft Office

Buona padronanza del programma di statistica SPSS

ADDITIONAL INFORMATION**Dichiarazione**

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Publications**ATTACHMENTS**

- elenco pubblicazioni ultimi 5 anni.pdf
- dichiarazione.pdf

elenco pubblicazioni ultimi 5 anni.pdf

Articoli originali (ultimi 5 anni)

1. **Verduci E**, Banderali G, Montanari C, Berni Canani R, Cimmino Caserta L, Corsello G, Mosca F, Piazzolla R, Rescigno M, Terracciano L, Troiano E, Crosa M, Maffei C, Francavilla R. Childhood Dietary Intake in Italy: The Epidemiological "MY FOOD DIARY" Survey. *Nutrients*. 2019;11. pii: E1129.
2. Vizzari G, Sommariva MC, Dei Cas M, Bertoli S, Vizzuso S, Radaelli G, Battezzati A, Paroni R, **Verduci E**. Circulating Salicylic Acid and Metabolic Profile after 1-Year Nutritional-Behavioral Intervention in Children with Obesity. *Nutrients*. 2019;11. pii: E1091.
3. Bassanini G, Ceccarani C, Borgo F, Severgnini M, Rovelli V, Morace G, **Verduci E**, Borghi E. Phenylketonuria Diet Promotes Shifts in Firmicutes Populations. *Front Cell Infect Microbiol*. 2019;9:101.
4. Amatruda M, Ippolito G, Vizzuso S, Vizzari G, Banderali G, **Verduci E**. Epigenetic Effects of n-3 LCPUFAs: A Role in Pediatric Metabolic Syndrome. *Int J Mol Sci*. 2019;20. pii: E2118.
5. Bronsky J, Campoy C, Embleton N, Fewtrell M, Mis NF, Gerasimidis K, Hojsak I, Hulst J, Indrio F, Lapillonne A, Molgaard C, Moltu SJ, **Verduci E**, Vora R, Domellöf M; ESPGHAN Committee on Nutrition. Palm Oil and Beta-palmitate in Infant Formula: A Position Paper by the European Society for Paediatric Gastroenterology, Hepatology, and Nutrition (ESPGHAN) Committee on Nutrition. *J Pediatr Gastroenterol Nutr*. 2019;68:742-760.
6. Hellmuth C, Kirchberg FF, Brandt S, Moß A, Walter V, Rothenbacher D, Brenner H, Grote V, Gruszfeld D, Socha P, Closa-Monasterolo R, Escribano J, Luque V, **Verduci E**, Mariani B, Langhendries JP, Poncelet P, Heinrich J, Lehmann I, Standl M, Uhl O, Koletzko B, Thiering E, Wabitsch M. An individual participant data meta-analysis on metabolomics profiles for obesity and insulin resistance in European children. *Sci Rep*. 2019;9:5053.
7. Kirchberg FF, Grote V, Gruszfeld D, Socha P, Closa-Monasterolo R, Escribano J, **Verduci E**, Mariani B, Langhendries JP, Poncelet P, Koletzko B, Hellmuth C; European Childhood Obesity Trial Study Group. Are All Breast-fed Infants Equal? Clustering Metabolomics Data to Identify Predictive Risk Clusters for Childhood Obesity. *J Pediatr Gastroenterol Nutr*. 2019;68:408-415.
8. Marangoni F, Pellegrino L, **Verduci E**, Ghiselli A, Bernabei R, Calvani R, Cetin I, Giampietro M, Perticone F, Piretta L, Giacco R, La Vecchia C, Brandi ML, Ballardini D, Banderali G, Bellentani S, Canzone G, Cricelli C, Faggiano P, Ferrara N, Flachi E, Gonnelli S, Macca C, Magni P, Marelli G, Marrocco W, Miniello VL, Origo C, Pietrantonio F, Silvestri P, Stella R, Strazzullo P, Troiano E, Poli A. Cow's Milk Consumption and Health: A Health Professional's Guide. *J Am Coll Nutr*. 2019;38:197-208.
9. Demmelmair H, MacDonald A, Kotzaeridou U, Burgard P, Gonzalez-Lamuno D, **Verduci E**, Ersoy M, Gokcay G, Alyanak B, Reischl E, Müller-Felber W, Faber FL, Handel U, Paci S, Koletzko B. Determinants of Plasma Docosahexaenoic Acid Levels and Their Relationship to Neurological and Cognitive Functions in PKU Patients: A Double Blind Randomized Supplementation Study. *Nutrients*. 2018;10. pii: E1944
10. Schwarzfischer P, Gruszfeld D, Socha P, Luque V, Closa-Monasterolo R, Rousseaux D, Moretti M, Mariani B, **Verduci E**, Koletzko B, Grote V. Longitudinal analysis of physical activity, sedentary behaviour and anthropometric measures from ages 6 to 11 years. *Int J Behav Nutr Phys Act*. 2018;15:126.
11. Lezo A, Capriati T, Spagnuolo MI, Lacitignola L, Goreva I, Di Leo G, Cecchi N, Gandullia P, Amarri S, Forchielli ML, Dipasquale V, Parma B, Gatti S, Ravaioli E, Salvatore S, Mainetti M, Norsa L, Pellegrino M, Fornaro M, Fiorito V, Lanari M, Giaquinto E, **Verduci E**, Baldassarre ME, Diamanti A. Paediatric Home Artificial Nutrition in Italy: Report from 2016 Survey on Behalf of Artificial Nutrition Network of Italian Society for Gastroenterology, Hepatology and Nutrition (SIGENP). *Nutrients*. 2018;10:1311.
12. Proserpio C, Pagliarini E, Zuvadelli J, Paci S, Re Dionigi A, Banderali G, Cattaneo C, **Verduci E**. Exploring Drivers of Liking of Low-Phenylalanine Products in Subjects with Phenylketonuria Using Check-All-That-Apply Method. *Nutrients*. 2018;10:1179.
13. Valerio G, Maffei 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, Trifiró 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;44:88.
14. Luque V, Escribano J, Closa-Monasterolo R, Zaragoza-Jordana M, Ferré N, Grote V, Koletzko B, Totzauer M, **Verduci E**, ReDionigi A, Gruszfeld D, Socha P, Rousseaux D, Moretti M, Oddy W, Ambrosini GL. Unhealthy Dietary Patterns Established in Infancy Track to Mid-Childhood: The EU Childhood Obesity Project. *J Nutr.* 2018;148:752-759.
 15. **Verduci E**, Bianchi A, Brambilla M, Calvani M. Egg introduction during complementary feeding according to allergic risk: not just for peanuts! *Ital J Pediatr.* 2018;44:77.
 16. Totzauer M, Luque V, Escribano J, Closa-Monasterolo R, **Verduci E**, ReDionigi A, Hoyos J, Langhendries JP, Gruszfeld D, Socha P, Koletzko B, Grote V; European Childhood Obesity Trial Study Group. Effect of Lower Versus Higher Protein Content in Infant Formula Through the First Year on Body Composition from 1 to 6 Years: Follow-Up of a Randomized Clinical Trial. *Obesity* 2018;26:1203-1210
 17. **Verduci E**, Moretti F, Bassanini G, Banderali G, Rovelli V, Casiraghi MC, Morace G, Borgo F, Borghi E. Phenylketonuric diet negatively impacts on butyrate production. *Nutr Metab Cardiovasc Dis.* 2018;28:385-392
 18. Francavilla R, Cristofori F, Verzillo L, Gentile A, Castellaneta S, Polloni C, Giorgio V, **Verduci E**, D'Angelo E, Dellatte S, Indrio F. Randomized Double-Blind Placebo-Controlled Crossover Trial for the Diagnosis of Non-Celiac Gluten Sensitivity in Children. *Am J Gastroenterol.* 2018;113:421-430.
 19. Gomes D, Luque V, Xhonneux A, **Verduci E**, Socha P, Koletzko B, Berger U, Grote V. A simple method for identification of misreporting of energy intake from infancy to school age: Results from a longitudinal study. *Clin Nutr.* 2018;37:1053-1060.
 20. Closa-Monasterolo R, Zaragoza-Jordana M, Ferré N, Luque V, Grote V, Koletzko B, **Verduci E**, Vecchi F, Escribano J; Childhood Obesity Project Group. Adequate calcium intake during long periods improves bone mineral density in healthy children. Data from the Childhood Obesity Project. *Clin Nutr.* 2018;37:890-896.
 21. Rzehak P, Covic M, Saffery R, Reischl E, Wahl S, Grote V, Weber M, Xhonneux A, Langhendries JP, Ferré N, Closa-Monasterolo R, Escribano J, **Verduci E**, Riva E, Socha P, Gruszfeld D, Koletzko B. DNA-Methylation and Body Composition in Preschool Children: Epigenome-Wide-Analysis in the European Childhood Obesity Project (CHOP)-Study. *Sci Rep.* 2017;7:14349.
 22. Schwarzfischer P, Weber M, Gruszfeld D, Socha P, Luque V, Escribano J, Xhonneux A, **Verduci E**, Mariani B, Koletzko B, Grote V. BMI and recommended levels of physical activity in school children. *BMC Public Health.* 2017;17:595.
 23. Ferré N, Rubio-Torrents C, Luque V, Closa-Monasterolo R, Grote V, Koletzko B, Socha P, Gruszfeld D, Langhendries JP, Sengier A, **Verduci E**, Escribano J; European Childhood Obesity Project Group. Influence of Feeding Types during the First Months of Life on Calciuria Levels in Healthy Infants: A Secondary Analysis from a Randomized Clinical Trial. *Ann Nutr Metab.* 2017;70:132-9.
 24. Pawellek I, Grote V, Theurich M, Closa-Monasterolo R, Stolarczyk A, **Verduci E**, Xhonneux A, Koletzko B. Factors associated with sugar intake and sugar sources in European children from 1 to 8 years of age. *Eur J Clin Nutr.* 2017;71:25-32.
 25. Pérez-García M, Luna JD, Torres-Espínola FJ, Martínez-Zaldívar C, Anjos T, Steenwegde Graaff J, Weber M, Grote V, Gruszfeld D, **Verduci E**, Poncelet P, Escribano J, Tiemeier H, Koletzko B, Campoy C. Cultural effects on neurodevelopmental testing in children from six European countries: an analysis of NUTRIMENTHE Global Database. *Br J Nutr* 2017 7:1-9.
 26. **Verduci E**, Martelli A, Miniello VL, Landi M, Mariani B, Brambilla M, Diaferio L, Peroni DG. Nutrition in the first 1000 days and respiratory health: A descriptive review of the last five years' literature. *Allergol Immunopathol* 2017;45:405-413.

27. Closa-Monasterolo R, Gispert-Llaurado M, Canals J, Luque V, Zaragoza-Jordana M, Koletzko B, Grote V, Weber M, Gruszfeld D, Szott K, **Verduci E**, ReDionigi A, Hoyos J, Brasselle G, Escribano Subías J. The Effect of Postpartum Depression and Current Mental Health Problems of the Mother on Child Behaviour at Eight Years. *Matern Child Health J.* 2017;21:1563-1572.
28. Marangoni F, Galli C, Ghiselli A, Lercker G, La Vecchia C, Maffei C, Agostoni C, Ballardini D, Brignoli O, Faggiano P, Giacco R, Macca C, Magni P, Marelli G, Marrocco W, Miniello VL, Mureddu GF, Pellegrini N, Stella R, Troiano E, **Verduci E**, Volpe R, Poli A. Palm oil and human health. Meeting report of NFI: Nutrition Foundation of Italy symposium. *Int J Food Sci Nutr.* 2017;31:1-13.
29. Baldi I, Soriani N, Lorenzoni G, Azzolina D, Dal Lago E, De Bardi S, **Verduci E**, Zanotti R, Gregori D. Research in Nursing and Nutrition: Is Randomized Clinical Trial the Actual Gold Standard? *Gastroenterol Nurs* 2017;40:63-70.
30. Moretti F, Pellegrini N, Salvatici E, Rovelli V, Banderali G, Radaelli G, Scazzina F, Giovannini M, **Verduci E**. Dietary glycemic index, glycemic load and metabolic profile in children with phenylketonuria. *Nutr Metab Cardiovasc Dis.* 2017;27:176-82
31. Riva A, Borgo F, Lassandro C, **Verduci E**, Morace G, Borghi E, Berry D. Pediatric obesity is associated with altered gut microbiota and discordant shifts in Firmicutes populations. *Environ Microbiol.* 2017;19:95-105.
32. **Verduci E**, Banderali G, Peroni D, Lassandro C, Radaelli G. Duration of Exclusive Breastfeeding and Wheezing in the First Year of Life: a Longitudinal Study. *Allergol Immunopathol.* 2017;45:316-324.
33. Borgo F, **Verduci E**, Riva A, Lassandro C, Riva E, Morace G, Borghi E. Relative Abundance in Bacterial and Fungal Gut Microbes in Obese Children: A Case Control Study. *Child Obes.* 2017;13:78-84.
34. Lassandro C, Banderali G, Mariani B, Battezzati A, Diaferio L, Miniello VL, Radaelli G, **Verduci E**. Serum salicylic acid and fruit and vegetable consumption in obese and normal-weight children: a pilot-study. *Int J Food Sci Nutr.* 2016;2:1-6.
35. Pawellek I, Grote V, Rzehak P, Xhonneux A, **Verduci E**, Stolarczyk A, Closa-Monasterolo R, Reischl E, Koletzko B, European Childhood Obesity Trial Study Group. Association of TAS2R38 variants with sweet food intake in children aged 1-6 years. *Appetite* 2016;107:126-34.
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38. Gruszfeld D, Weber M, Gradowska K, Socha P, Grote V, Xhonneux A, Dain E, **Verduci E**, Riva E, Closa-Monasterolo R, Escribano J, Koletzko B; European Childhood Obesity Study Group. Association of early protein intake and pre-peritoneal fat at five years of age: Follow-up of a randomized clinical trial. *Nutr Metab Cardiovasc Dis.* 2016 Sep;26(9):824-32
39. Rzehak P, Saffery R, Reischl E, Covic M, Wahl S, Grote V, Xhonneux A, Langhendries JP, Ferre N, Closa-Monasterolo R, **Verduci E**, Riva E, Socha P, Gruszfeld D, Koletzko B; European Childhood Obesity Trial Study group. Maternal Smoking during Pregnancy and DNA-Methylation in Children at Age 5.5 Years: Epigenome-Wide-Analysis in the European Childhood Obesity Project (CHOP)-Study. *PLoS One.* 2016;11:e0155554.
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Quanto dichiarato è conforme alle disposizioni degli artt. 46 e 46 del DPR445/00; il sottoscritto è a conoscenza che, ai sensi dell'art. art. 76 del DPR 445/2000 le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali.

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all'art 13 del D. Lgs. 196/2003 e all'art. 13 GDPR 679/16, ai sensi del D. Lgs. 101/2018.