

## CURRICULUM VITAE



### PERSONAL INFORMATION

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Nationality	<b>Italian</b>
Date and place of birth	<b>Piacenza. 26.06.1968</b>
Work address	<b>Department of Food Environmental and Nutritional Science (DeFENS), International Center for the Assessment of Nutritional Status (ICANS) University of Milan, via Giuseppe Colombo 60, Milano.</b>
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### EDUCATION AND TRAINING

- Date 1988 Scientific High School Degree, Liceo Scientifico R. Respighi, Piacenza, Italy
- Date 1994 Degree in Medicine and Surgery, University of Pavia, Italy
- Date 1998 Board Certified in Human Nutrition and Dietetic Therapy University of Pavia, Italy
- Date 2001 PhD in Physiology of Human Body Composition University of Roma Tor Vergata, Italy

### WORK EXPERIENCE

- Date 2002-2006 Fellowship at the International Center for the Assessment of Nutritional status (ICANS), University of Milan
- Date 2006-2018 Assistant Professor of Human Nutrition from 20.06.2006 at Department of Food Environmental and Nutritional Science (DeFENS).  
Clinical Activity at International Center for the Assessment of Nutritional Status (ICANS) University of Milan
- Present Position Associate Professor of Human Nutrition at Department of Food Environmental and Nutritional Science (DeFENS).  
Clinical Activity at International Center for the Assessment of Nutritional Status (ICANS) University of Milan

**Main research activities and responsibilities**

Research activity was carried out since 1999 focusing to nutritional status diagnostics methods and dietary interventions. In particular, it is directed to techniques for the assessment of body composition and food consumption and to design and application of nutritional interventions and dietary programs aimed to the treatment of overweight, obesity and the eating disorders. In addition, research activity is oriented to study brain energy metabolism modulation by ketogenic diet for the treatment of drug-resistant epilepsies and other metabolic neurological diseases. Current research is mainly oriented to epidemiological studies to investigate the association between abdominal visceral fat measured by ultrasound technique, metabolic activity of visceral adipose tissue (adipokines and inflammatory markers), and the main risk factors for metabolic syndrome. Moreover, in the last two years, research activity has been also devoted to the evaluation of *Moringa Oleifera* nutritional profile in order to study its potential use in developments countries as vitamin and mineral supplementation for the prevention of malnutrition in children.

**PUBLICATIONS**

*(Appendix 1)*

**TEACHING CURRICULUM**

Teacher of Human Nutrition at University of Milan in the following degree courses:

- 1) Food Science and Technology; Human nutrition
- 2) Plant, Food and Agri-environmental Biotechnologies; Human Nutrition and Nutraceutical foods

**CLINICAL CURRICULUM**

Vice-head of the outpatient clinic facility for nutritional diseases. Care of patients with overweight, obesity, binge eating disorder, malnutrition and metabolic disease

**MOTHER TONGUE**

**ITALIAN**

**OTHER LANGUAGES**

**ENGLISH**

- Reading Good
- Writing Good

• Spoken interaction and production Good

*I authorize the use of my personal data according to Legislative Decree N° 195/03  
Milan, 2<sup>th</sup> December 2013  
Yours faithfully*



Milano 20.07.2019



## Appendix 1

Scopus EXPORT DATE: 09 Jul 2019

1. Vizzari, G., Sommariva, M.C., Cas, M.D., 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; (2019) *Nutrients*, 11 (5), DOI: 10.3390/nu11051091. **IF 4.196**
2. Leone, A., De Amicis, R., Lessa, C., Tagliabue, A., Trentani, C., Ferraris, C., Battezzati, A., Veggiotti, P., Foppiani, A., Ravella, S., Bertoli, S. Food and food products on the Italian market for ketogenic dietary treatment of neurological diseases; (2019) *Nutrients*, 11 (5), DOI: 10.3390/nu11051104. **IF 4.196**
3. Bedogni, G., Bertoli, S., Leone, A., De Amicis, R., Lucchetti, E., Agosti, F., Marazzi, N., Battezzati, A., Sartorio, A. External validation of equations to estimate resting energy expenditure in 14952 adults with overweight and obesity and 1948 adults with normal weight from Italy; (2019) *Clinical Nutrition*, 38 (1), pp. 457-464. DOI: 10.1016/j.clnu.2017.11.011. **IF 3,731**
4. Barichella, M., Pezzoli, G., Faierman, S.A., Raspini, B., Rimoldi, M., Cassani, E., Bertoli, S., Battezzati, A., Leone, A., Iorio, L., Ferri, V., Pinelli, G., Pusani, C., Bolliri, C., Cilia, R., Caronni, S., De Marco, P., Cereda, E. Nutritional characterisation of Zambian *Moringa oleifera*: acceptability and safety of short-term daily supplementation in a group of malnourished girls; (2019) *International Journal of Food Sciences and Nutrition*, 70 (1), pp. 107-115. DOI: 10.1080/09637486.2018.1475550. **IF 1,202**
5. Sforza, C., Bertoli, S., Leone, A., Rosati, R., de Menezes, M., Battezzati, A. Three-dimensional soft-tissue facial morphometry in Caucasian obese adults; (2019) *Pesquisa Brasileira em Odontopediatria e Clinica Integrada*, 19 (1), DOI: 10.4034/PBOCI.2019.191.06.
6. Bertoli, S., Foppiani, A., De Amicis, R., Leone, A., Mastella, C., Bassano, M., Giaquinto, E., Baranello, G., Battezzati, A. Anthropometric measurement standardization for a multicenter nutrition survey in children with spinal muscular atrophy; (2019) *European Journal of Clinical Nutrition*. DOI: 10.1038/s41430-019-0392-2. **IF 3,057**
7. D'auria, E., Fabiano, V., Bertoli, S., Bedogni, G., Bosetti, A., Pendezza, E., Sartorio, M.U.A., Leone, A., Spadafranca, A., Borsani, B., Stucchi, F., Battezzati, A., Zuccotti, G.V. Growth pattern, resting energy expenditure, and nutrient intake of children with food allergies; (2019) *Nutrients*, 11 (2). DOI: 10.3390/nu11020212. **IF 4.196**
8. Leone, A., Vignati, L., Battezzati, A., De Amicis, R., Ponissi, V., Beggio, V., Bedogni, G., Vanzulli, A., Bertoli, S. Association of Binge Eating Behavior with Total and Abdominal Adipose Tissue in a Large Sample of Participants Starting a Weight Loss or Maintenance Program; (2018) *Journal of the American College of Nutrition*, 37 (8), pp. 701-707. DOI: 10.1080/07315724.2018.1463184. **IF 2,080**
9. Leone, A., Bertoli, S., Di Lello, S., Bassoli, A., Ravasenghi, S., Borgonovo, G., Forlani, F., Battezzati, A. Effect of moringa oleifera leaf powder on postprandial blood glucose

response: In vivo study on saharawi people living in refugee camps; (2018) *Nutrients*, 10 (10). DOI: 10.3390/nu10101494 **IF 4.196**

10. Leone, A., Martínez-González, M., Lahortiga-Ramos, F., Molero Santos, P., Bertoli, S., Battezzati, A., Bes-Rastrollo, M. Adherence to the Mediterranean dietary pattern and incidence of anorexia and bulimia nervosa in women: The SUN cohort; (2018) *Nutrition*, 54, pp. 19-25. DOI: 10.1016/j.nut.2018.02.008 **IF 3,591**
11. De Amicis, R., Leone, A., Foppiani, A., Osio, D., Lewandowski, L., Giustizieri, V., Cornelio, P., Cornelio, F., Fusari Imperatori, S., Cappa, S.F., Battezzati, A., Bertoli, S. Mediterranean Diet and Cognitive Status in Free-Living Elderly: A Cross-Sectional Study in Northern Italy; (2018) *Journal of the American College of Nutrition*, 37 (6), pp. 494-500. DOI: 10.1080/07315724.2018.1442263. **IF 2,080**
12. Spadafranca, A., Piuri, G., Bulfoni, C., Liguori, I., Battezzati, A., Bertoli, S., Speciani, A.F., Ferrazzi, E. Adherence to the mediterranean diet and serum adiponectin levels in pregnancy: Results from a cohort study in normal weight caucasian women; (2018) *Nutrients*, 10 (7). DOI: 10.3390/nu10070928. **IF 4.196**
13. Bertoli, S., Battezzati, A., Petruzzi, A., Leone, A., De Amicis, R., Tramacere, E., Meda, M., Foppiani, A., Silvani, A., Lamperti, E. Anthropometrics and Body Composition in Adults with High-Grade Gliomas: Effects of Disease-Related Variables; (2018) *Nutrition and Cancer*, 70 (3), pp. 431-440. DOI: 10.1080/01635581.2018.1446089. **IF 2,029**
14. Mercuri, E., Finkel, R.S., Muntoni, F., Wirth, B., Montes, J., Main, M., Mazzone, E.S., Vitale, M., Snyder, B., Quijano-Roy, S., Bertini, E., Davis, R.H., Meyer, O.H., Simonds, A.K., Schroth, M.K., Graham, R.J., Kirschner, J., Iannaccone, S.T., Crawford, T.O., Woods, S., Qian, Y., Sejersen, T., Tiziano, F.D., Tizzano, E., Topaloglu, H., Swoboda, K., Laing, N., Kayoko, S., Prior, T., Chung, W.K., Wu, S.-M., Coleman, C., Gee, R., Glanzman, A., Kroksmark, A.-K., Krosschell, K., Nelson, L., Rose, K., Stępień, A., Vuillerot, C., Dubousset, J., Farrington, D., Flynn, J., Halanski, M., Hasler, C., Miladi, L., Reilly, C., Roye, B., Yazici, M., Hurst, R., Tarrant, S., Bertoli, S., Foust, K., Kyle, B., Rodan, L., Roper, H., Seffrood, E., Szlagatys-Sidorkiewicz, A., SMA Care Group. Diagnosis and management of spinal muscular atrophy: Part 1: Recommendations for diagnosis, rehabilitation, orthopedic and nutritional care; (2018) *Neuromuscular Disorders*, 28 (2), pp. 103-115. DOI: 10.1016/j.nmd.2017.11.005. **IF 2,638**
15. Leone, A., Fernández-Montero, A., de la Fuente-Arrillaga, C., Martínez-González, M.Á., Bertoli, S., Battezzati, A., Bes-Rastrollo, M. Adherence to the Mediterranean Dietary Pattern and Incidence of Nephrolithiasis in the Seguimiento Universidad de Navarra Follow-up (SUN) Cohort; (2017) *American Journal of Kidney Diseases*, 70 (6), pp. 778-786. DOI: 10.1053/j.ajkd.2017.06.027. **IF 7,623**
16. Bertoli, S., De Amicis, R., Mastella, C., Pieri, G., Giaquinto, E., Battezzati, A., Leone, A., Baranello, G; Spinal Muscular Atrophy, types I and II: What are the differences in body composition and resting energy expenditure? (2017) *Clinical Nutrition*, 36 (6), pp. 1674-1680. DOI: 10.1016/j.clnu.2016.10.020. **IF 4,487**
17. Leone, A., Battezzati, A., De Amicis, R., De Carlo, G., Bertoli, S. Trends of adherence to the mediterranean dietary pattern in northern Italy from 2010 to 2016; (2017) *Nutrients*, 9 (7) DOI: 10.3390/nu9070734. **IF 4,740**

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19. Tagliabue, A., Ferraris, C., Uggeri, F., Trentani, C., Bertoli, S., de Giorgis, V., Veggiotti, P., Elli, M. Short-term impact of a classical ketogenic diet on gut microbiota in GLUT1 Deficiency Syndrome: A 3-month prospective observational study; (2017) *Clinical Nutrition ESPEN*, 17, pp. 33-37. DOI: 10.1016/j.clnesp.2016.11.003 **IF 3,731**
20. Pucciarelli, V., Bertoli, S., Codari, M., Veggiotti, P., Battezzati, A., Sforza, C. Facial evaluation in holoprosencephaly; (2017) *Journal of Craniofacial Surgery*, 28 (1), pp. e22-e28. DOI: 10.1097/SCS.00000000000003171
21. Bertoli, S., Leone, A., Krakauer, N.Y., Bedogni, G., Vanzulli, A., Redaelli, V.I., De Amicis, R., Vignati, L., Krakauer, J.C., Battezzati, A. Association of Body Shape Index (ABSI) with cardio-metabolic risk factors: A cross-sectional study of 6081 Caucasian adults; (2017) *PloS one*, 12 (9). DOI: 10.1371/journal.pone.0185013 **IF 3,540**
22. Leone, A., Spada, A., Battezzati, A., Schiraldi, A., Aristil, J., Bertoli, S. Moringa oleifera seeds and oil: Characteristics and uses for human health; (2016) *International Journal of Molecular Sciences*, 17 (12). DOI: 10.3390/ijms17122141 **IF 2,983**
23. Leone, A., Bedogni, G., Ponissi, V., Battezzati, A., Beggio, V., Magni, P., Ruscica, M., Bertoli, S. Contribution of binge eating behaviour to cardiometabolic risk factors in subjects starting a weight loss or maintenance programme; (2016) *British Journal of Nutrition*, 116 (11), pp. 1984-1992. DOI: 10.1017/S0007114516004141. **IF 3,311**
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25. Siervo, M., Lara, J., Celis-Morales, C., Vacca, M., Oggioni, C., Battezzati, A., Leone, A., Tagliabue, A., Spadafranca, A., Bertoli, S. Age-related changes in basal substrate oxidation and visceral adiposity and their association with metabolic syndrome; (2016) *European Journal of Nutrition*, 55 (4), pp. 1755-1767. DOI: 10.1007/s00394-015-0993-z. **IF 4.449**
26. Carneiro, I.P., Elliott, S.A., Siervo, M., Padwal, R., Bertoli, S., Battezzati, A., Prado, C.M. Is obesity associated with altered energy expenditure?; (2016) *Advances in Nutrition*, 7 (3), pp. 476-487. DOI: 10.3945/an.115.008755. **IF 5,386**
27. Proserpio, C., Laureati, M., Bertoli, S., Battezzati, A., Pagliarini, E. Determinants of obesity in Italian adults: The role of taste sensitivity, food liking, and food neophobia; (2016) *Chemical Senses*, 41 (2), pp. 169-176. DOI: 10.1093/chemse/bjv072. **IF 3,157**
28. Bertoli, S., Leone, A., Vignati, L., Spadafranca, A., Bedogni, G., Vanzulli, A., Rodeschini, E., Battezzati, A. Metabolic correlates of subcutaneous and visceral abdominal fat measured by ultrasonography: A comparison with waist circumference; (2016) *Nutrition Journal*, 15 (1). DOI: 10.1186/s12937-015-0120-2. **IF 2,597**
29. Bertoli, S., Leone, A., Ponissi, V., Bedogni, G., Beggio, V., Strepparava, M.G., Battezzati, A. Prevalence of and risk factors for binge eating behaviour in 6930 adults starting a

weight loss or maintenance programme; (2016) *Public Health Nutrition*, 19 (1), pp. 71-77. DOI: 10.1017/S1368980015001068. **IF 2,679**

30. Agostoni, C., Edefonti, A., Calderini, E., Fossali, E., Colombo, C., Battezzati, A., Bertoli, S., Milani, G., Bisogno, A., Perrone, M., Bettocchi, S., De Cosmi, V., Mazzocchi, A., Bedogni, G. Accuracy of prediction formulae for the assessment of resting energy expenditure in hospitalized children; (2016) *Journal of Pediatric Gastroenterology and Nutrition*, 63 (6), pp. 708-712. DOI: 10.1097/MPG.0000000000001223. **IF 2,067**
31. Leone, A., Fiorillo, G., Criscuoli, F., Ravasenghi, S., Santagostini, L., Fico, G., Spadafranca, A., Battezzati, A., Schiraldi, A., Pozzi, F., Di Lello, S., Filippini, S., Bertoli, S. Nutritional characterization and phenolic profiling of moringa oleifera leaves grown in chad, sahwari refugee camps, and Haiti; (2015) *International Journal of Molecular Sciences*, 16 (8), pp. 18923-18937. DOI: 10.3390/ijms160818923. **IF 2,983**
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33. Leone, A., Spada, A., Battezzati, A., Schiraldi, A., Aristil, J., Bertoli, S. Cultivation, genetic, ethnopharmacology, phytochemistry and pharmacology of *Moringa oleifera* leaves: An overview; (2015) *International Journal of Molecular Sciences*, 16 (6), pp. 12791-12835. DOI: 10.3390/ijms160612791. **IF 2,983**
34. Bertoli, S., Leone, A., Vignati, L., Bedogni, G., Martínez-González, M.A., Bes-Rastrollo, M., Spadafranca, A., Vanzulli, A., Battezzati, A. Adherence to the Mediterranean diet is inversely associated with visceral abdominal tissue in Caucasian subjects; (2015) *Clinical Nutrition*, 34 (6), pp. 1266-1272. DOI: 10.1016/j.clnu.2015.10.003. **IF 3,731**
35. Siervo, M., Oggioni, C., Lara, J., Celis-Morales, C., Mathers, J.C., Battezzati, A., Leone, A., Tagliabue, A., Spadafranca, A., Bertoli, S. Age-related changes in resting energy expenditure in normal weight, overweight and obese men and women; (2015) *Maturitas*, 80 (4), pp. 406-413. DOI: 10.1016/j.maturitas.2014.12.023. **IF 2,942**
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37. Bertoli, S., Leone, A., Battezzati, A. Human bisphenol a exposure and the “diabesity phenotype”(2015) *Dose-Response*, 13 (3), 12 p. DOI: 10.1177/1559325815599173. **IF 1,217**
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40. Bertoli, S., Neri, I.G., Trentani, C., Ferraris, C., De Amicis, R., Battezzati, A., Veggiotti, P., De Giorgis, V., Tagliabue, A. Short-term effects of ketogenic diet on anthropometric parameters, body fat distribution, and inflammatory cytokine production in GLUT1 deficiency syndrome; (2015) *Nutrition*, 31 (7-8), pp. 981-987. DOI: 10.1016/j.nut.2015.02.017. **IF 2,926**
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48. Maggioni, M.A., Cè, E., Giordano, G., Bertoli, S., Battezzati, A., Veicsteinas, A., Merati, G. Effects on body composition of different short-term rehabilitation programs in long-stay hospitalized elderly women; (2012) *Aging Clinical and Experimental Research*, 24 (6), pp. 619-626. DOI: 10.3275/8589. **IF 1,006**
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