

EUROPEAN CURRICULUM VITAE

PERSONAL INFORMATION

NAME	Silvia Perego
WORK PHONE	+39 02 6621 4068
E-MAIL	silvia.perego@grupposandonato.it
DATE OF BIRTH	22 th November, 1982
NATIONALITY	Italian
FAMILY STATUS	Engaged, one child

WORK EXPERIENCES

FROM JUNE 2013	Researcher at Laboratory of Experimental Biochemistry & Molecular Biology, IRCCS Istituto Ortopedico Galeazzi, Milano, I
MARCH 2012- APR 2013	Research fellow at Laboratory of Nutritional Biochemistry, Dept. of Biomedical Sciences for Health, University of Milano, Milano, I
JAN 2009-DEC 2011	PhD student at Laboratory of Nutritional Biochemistry, Dept. of Medical Chemistry, Biochemistry and Biotechnology, University of Milano, Milano, I
FIELD OF INTEREST	Endocrine function of bone tissue Nutrition Biochemical markers of bone turnover in health and disease
WORKING SKILLS	Pre-analytical management of laboratory samples Cell cultures, cell biology, biochemistry, molecular biology, clinical biochemistry, immunoassays.

RESEARCH PROFILES

ORCID	http://orcid.org/0000-0002-4996-8130
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EDUCATION

2012	Ph.D. in Experimental and Clinical Nutrition - Ph.D. school of Biochemical, Nutritional and Metabolic Sciences, University of Milano, Milano, I
2008	M.Sc. in Biology Applied to Research in Biomedicine - University of Milano, Milano, I
2006	B.Sc. in Biological Science - University of Milano, Milano, I

PERSONAL SKILLS

LANGUAGE SKILLS

MOTHER TONGUE	Italian
OTHER LANGUAGES	English
Writing	Good
Reading	Good
Speech	Good

SCIENTIFIC PUBLICATIONS

TOTAL CITATIONS(SCOPUS - 2018-12): 230; h Index (SCOPUS - 2018-12): 8.

1. Bersini S, Gilardi M, Ugolini GS, Sansoni V, Talò G, **Perego S**, Zanotti S, Mora M, Soncini M, Vanoni M, Lombardi G, Moretti M. Engineering an Environment for the Study of Fibrosis: A 3D Human Muscle Model with Endothelium Specificity and Endomysium. *Cell Reports*. **Accepted**
2. Passeri E, Mazzaccaro D, Sansoni V, **Perego S**, Nano G, Verdelli C, Lombardi G, Corbetta S. Effects of twelve months treatment with zoledronate or teriparatide on

intima-media thickness of carotid artery in women with postmenopausal osteoporosis: a pilot study. *Int J Immun & Pharmac. Accepted*

3. Sansoni V, Perego S, Vernillo G, Barbuti A, Merati G, La Torre A, Banfi G, Lombardi G. Effects of repeated sprints training on fracture risk-associated miRNA. *Oncotarget* 2018; 9(26): 18029-18040.
4. Perego S, Sansoni V, Banfi G, Lombardi G. Sodium butyrate has anti-proliferative, pro-differentiating, and immunomodulatory effects in osteosarcoma cells and counteracts the TNF α -induced low-grade inflammation. *Int J Immun & Pharmac* 2018; 32: 1-14.
5. Sansoni V, Vernillo G, Perego S, Barbuti A, Merati G, Schenza F, La Torre A, Banfi G, Lombardi G. Bone turnover response is linked to both acute and established metabolic changes in ultra-marathon runners. *Endocrine* 2017;56(1):196-204.
6. Lombardi G, Vernillo G, Sansoni V, Perego S, Barbuti A, Merati G, Schena F, Banfi G, La Torre A. Plasminogen activator inhibitor-1 as a marker of cardiovascular response in professional mountain ultra-marathon runners. *Clin Chem Lab Med* 2017;55(1):e7-e9.
7. Lombardi G, Perego S, Sansoni V, Diani M, Banfi G, Altomare G. Anti-adalimumab antibodies in psoriasis: lack of clinical utility and laboratory evidences. *BMJ Open* 2016;6(12):e011941
8. Lombardi G, Perego S, Sansoni V, Banfi G. Circulating miRNA as fine regulators of the physiological responses to physical activity: pre-analytical warnings for a novel class of biomarkers. *Clin Biochem* 2016;49(2016):1331-9
9. Lombardi G, Sanchis-Gomar F, Perego S, Sansoni V, Banfi G. Implications of exercise-induced adipo-myokines in bone metabolism. *Endocrine* 2016;54(2):284-305.
10. Sanchis-Gomar F, Lopez Ramon M, Alis R, Garatachea N, Pareja-Galeano H, Santos Lozano A, Catalan P, Sansoni V, Perego S, Lombardi G, Loellgen H, Bueno H, Serrano-Ostariz E, Lucia A. No evidence of adverse cardiac remodeling in former elite endurance athletes. *Int J Cardiol* 2016;222:171-7.
11. Lovati AB, Drago L, Bottagisio M, Bongio M, Ferrario M, Perego S, Sansoni V, De Vecchi E, Romanò CL. Systemic and local administration of antimicrobial and cell therapies to prevent methicillin-resistant *Staphylococcus epidermidis*-induced femoral nonunions in a rat model. *Mediators of Inflammations* 2016, 2016:9595706. doi: 10.1155/2016/9595706. Epub 2016 Jul 13
12. Sansoni V, Perego S, Colombini A, Banfi G, Brayda-Bruno M, Lombardi G. Interplay between low plasma RANKL and VDR-FokI polymorphism in lumbar disc herniation independently from age, body mass, and environmental factors. A case-control study in the Italian population. *Eur Spine J* 2016;25:192-99.
13. Corsetti R, Barassi A, Perego S, Sansoni V, Rossi A, Damele C, Melzi d'Eril GL, Banfi G, Lombardi G. Changes in urinary amino acids excretion in relationship with muscle activity markers over a professional cycling stage race: in search of fatigue markers. *Amino Acids* 2016;48(1):183-92.
14. Perego S, Grasso D, Bodini BD, Cavaiani F, De Santis C, Ursino N, Pelosi C, Banfi G, Lombardi G. Perisurgical and intra-rehabilitative salivary steroid hormone profiles in bicompartamental arthroplasty. *J Biol Regul Homeost Agents* 2015;29(4):953-60.
15. Corsetti R, Perego S, Sansoni V, Xu, J, Barassi A, Banfi G, Lombardi G. Osteocartilaginous metabolic markers change over a 3-week stage race in pro-cyclists. *Scand J Clin Lab Invest* 2015;75:523-530.
16. Sanchis-Gomar F, Alis R, Rampinini E, Bosio A, Ferioli D, La Torre A, Xu J, Sansoni V, Perego S, Romagnoli M, Lombardi G. Adropin and apelin fluctuations throughout a season in professional soccer players: Are they related with performance? *Peptides* 2015;70:32-6.
17. Lombardi G, Perego S, Luzi L, Banfi G. A four-season molecule: osteocalcin. Updates in its physiological roles. *Endocrine* 2015;48(2):394-404.
18. Perego S, Del Favero E, De Luca P, Fiorilli A, Cantù L, Ferraretto A. Calcium bioavailability and uptake by intestinal cells following in vitro digestion of casein phosphopeptides-calcium aggregates. *Food Funct* 2015; 6, 1796.
19. Colombini A, Perego S, Ardoino I, Marasco E, Lombardi G, Fiorilli A, Biganzoli E, Tettamanti G, Ferraretto A. Evaluation of a possible direct effect by casein phosphopeptides on paracellular and vitamin D controlled transcellular calcium transport mechanisms in intestinal human HT-29 and Caco2 cell lines. *Food Funct*

2013;4(8):1195-203.

20. Perego S, Zabeo A, Marasco E, Giussani P, Fiorilli A, Tettamanti G, A. Ferraretto A. Casein phosphopeptides modulate calcium uptake and apoptosis in Caco2 cells through their interaction with the TRPV6 calcium channel. *J Functional Foods* 2013, 5 (2):847-57.
21. Aureli M, Loberto N, Bassi R, Ferraretto A, Perego S, Lanteri P, Chigorno V, Sonnino S, Prinetti A. Plasma membrane-associated glycohydrolases activation by extracellular acidification due to proton exchanges. *Neurochem Res.* 2012, 37(6):1296-307.
22. Perego S, Cosentino S, Fiorilli A, Tettamanti G, Ferraretto A. Casein phosphopeptides modulate proliferation and apoptosis in HT-29 cell line through their interaction with voltage operated L-type calcium channels. *J Nutr Biochem.* 2012, 23(7): 808-16.
23. Donida BM, Mrak E, Gravaghi C, Villa I, Cosentino S, Zacchi E, Perego S, Rubinacci A, Fiorilli A, Tettamanti G, Ferraretto A. Casein phosphopeptides promote calcium uptake and modulate the differentiation pathway in human primary osteoblast-like cells. *Peptides* 2009, 30: 2233-2241

Books

1. Ferraretto A, Perego S, Fiorilli A. Mediterranean diet: functional foods and physical activity, benefits for human health in: *Functional food: sources, biotechnology application and health challenges*, eds. A. Robinson and D. Emerson, Nova Sciences Publisher Inc NY, 2013; 95-120, ISBN 978-1-62417-435-3
 2. Fiorilli A, Perego S, Ferraretto A. Phosphopeptides of casein: mineral carriers and potential nutraceuticals. in: *Casein: Production, Uses and Health Effects*, eds. Anthony M. Ventimiglia, J.M. Birkenhager, Nova Sciences Publisher Inc NY, 2011; 83-100, ISBN 978-1-62100-129-4
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The undersigned Silvia Perego authorizes the use of the personal data contained in the CV as reported in the art. 13, D. Lgs. 196/2003 (Italy).

Milano 17th December, 2018

In witness thereof,
Silvia Perego