

**EUROPEAN CURRICULUM VITAE****PERSONAL INFORMATION**

NAME	Giovanni Lombardi
DATE OF BIRTH	20 <sup>th</sup> December 1980
NATIONALITY	Italian
FAMILY STATUS	Married, three children

**WORK EXPERIENCES****RESEARCH AND ACADEMIC CAREER****CURRENT POSITIONS**

FROM DEC 2019	Associate Professor Health Sciences Dept. of Athletics, Strength and Conditioning, Akademia Wychowania Fizycznego i Sportu, Poznań, Polska
FROM SEP 2017	Adjunct Professor Laboratory Medicine Vita-Salute San Raffaele University, Milano, Italia
FROM JAN 2013	Head Lab. Experimental Biochemistry & Molecular Biology IRCCS Istituto Ortopedico Galeazzi, Milano, Italia

**PREVIOUS POSITIONS**

DEC 2018-DEC 2019	Associate Professor Health Sciences Dept. of Physiology & Pharmacology, Faculty of Rehabilitation & Kinesiology, Akademia Wychowania Fizycznego i Sportu, Gdańsk, Polska
JUN 2018-Nov 2018	Adjunct Dept. of Physiology & Pharmacology, Faculty of Rehabilitation & Kinesiology, Akademia Wychowania Fizycznego i Sportu, Gdańsk, Polska
JAN 2018-MAR 2018	Visiting Professor Dept. of Physiology & Pharmacology, Faculty of Rehabilitation & Kinesiology, Akademia Wychowania Fizycznego i Sportu, Gdańsk, Polska
2017-2018	Lecturer Interuniversity master course "Theory and methodology of athletic training in soccer" Università Cattolica del Sacro Cuore, Roma-Milano, Italia
JAN 2007-DEC 2012	Researcher Lab. Experimental Biochemistry & Molecular Biology (Director Prof. Giuseppe Banfi) IRCCS Istituto Ortopedico Galeazzi, Milano, Italia
OCT 2006-DEC 2006	Post-graduate frequenting scientist Lab. Nutritional Biochemistry (Director Prof. Guido Tettamanti) Dept. of Medical Chemistry, Biochemistry & Biotechnology, Faculty of Medicine and Surgery, University of Milano, Milano, Italia

**INVITED MEMBERSHIPS**

FROM SEP 2019	Member European Scientific Committee Fundación de Investigación en Ciencias de la Actividad Física y del Deporte (FICAFD) <a href="http://www.fundacioninvestigaciondeportiva.org/en/">http://www.fundacioninvestigaciondeportiva.org/en/</a>
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- FROM APR 2018 Member  
Scientific Committee on Bone Metabolism  
International Federation of Clinical Chemistry (IFCC)  
<https://www.ifcc.org/ifcc-scientific-division/sd-committees/c-bm/>
- FROM 2017 Vice-president  
Working group on Whole-body cryotherapy  
International Institute of Refrigeration (IIR)  
[http://www.iifir.org/clientBookline/service/reference.asp?INSTANCE=EXPLOITATION&OUTPUT=PORTAL&DOCID=IFD\\_REFDOC\\_0021859&DOCBASE=IFD\\_REFDOC\\_EN&SETLANGUAGE=EN](http://www.iifir.org/clientBookline/service/reference.asp?INSTANCE=EXPLOITATION&OUTPUT=PORTAL&DOCID=IFD_REFDOC_0021859&DOCBASE=IFD_REFDOC_EN&SETLANGUAGE=EN)
- FROM FEB 2017 Coordinator  
Study group on Clinical biochemistry & metabolism of bone and muscle tissues  
Italian Society of Clinical Biochemistry & Clinical Molecular Biology (SIBioC)  
<https://www.sibioc.it/gds/home/p-id/223>

**EDITORIAL ACTIVITY**

EDITORIAL BOARD Frontiers in Endocrinology  
Journal of Science in Sport & Exercise

ADVISORY BOARD Journal of Sports Sciences

REVIEWER 117 reviews verified on Publons (Clarivate Analytics)  
<https://publons.com/author/1438002/giovanni-lombardi#profile>

**CONSULTING**

FROM 2019 Key Opinion Leader on Whole-body Cryotherapy  
Pro C Care BVBA  
<https://proccare.com/>

FROM 2018 Member  
Scientific Committee on Sleep and sports  
Dorelan B&T S.p.A.  
<http://www.dorelanreactive.com/ricerca-scientifica/>

FROM 2016 Technical-scientific advisor on Whole-body cryotherapy  
SAPIO LIFE S.r.l.

**AWARDS & GRANTS**

- 2018 PI  
Polish Narodowe Centrum Nauki (NCN), OPUS15 program. Funded: 1.371.720,00 PLN
- 2018 Unit Coordinator  
CaRiPlo Foundation, Scientific Research Area, Biomedical Research on aging-associated diseases. Funded: 400.000,00 €
- 2018 PI's Coordinator  
Roche Foundation, Section Oncology. Funded: 50.000,00 €
- 2017 Coinvestigator  
Polish Narodowe Centrum Nauki (NCN), OPUS13 program. Funded: 654.080,00 PLN
- 2016 Poster Prize  
European Society of Endocrinology (ESE), European Congress of Endocrinology (ECE), München, Deutschland

**RESEARCHER PROFILES**

ORCID <http://orcid.org/0000-0002-8365-985X>  
RESEARCHER ID <http://www.researcherid.com/rid/I-2414-2012>  
SCOPUS ID <https://www.scopus.com/authid/detail.uri?authorId=57192328135>

**EDUCATION**

2009 Ph.D.  
Biochemistry

- Ph.D. school of Biochemical, Nutritional and Metabolic Sciences,  
University of Milano, Milano, Italia (ISCED 8)
- 2006 M.Sc.  
Medical Biotechnology and Molecular Medicine (110/110 *cum Laude*)  
Faculty of Medicine and Surgery, University of Milano, Milano,  
Italia
- 2004 B.Sc.  
Medical Biotechnology (100/110)  
Faculty of Medicine and Surgery, University of Milano, Milano,  
Italia

**PERSONAL SKILLS****WORKING SKILLS**

## INTERESTS

Endocrine function of bone and skeletal muscle tissues  
Biochemical and molecular markers of bone and skeletal muscle  
turnover in health and diseases  
Sports physiology and endocrinology  
miRNA function and regulation  
Whole-body cryotherapy  
Pre-analytical management of laboratory samples

**SCIENTIFIC PUBLICATIONS**

TOTAL CITATIONS(SCOPUS - 2020-08): 1730

h Index (SCOPUS - 2020-08): 22

1. Andreato M, Faraldi M, Bucci E, Lombardi G, Zagra L. Operating room efficiency and timing during coronavirus disease 2019 outbreak in a referral orthopaedic hospital in Northern Italy. *Int Orthop*. Epub Ahead of Print
2. Lombardi G, Ziemann E, Banfi G, Corbetta S. Physical Activity-Dependent Regulation of Parathyroid Hormone and Calcium-Phosphorous Metabolism. *Int J Mol Sci* 2020;21:5388
3. Jaworska J, Rodziewicz-Flis E, Kortas J, Kozłowska M, Micielska K, Babińska A, Laskowski R, Lombardi G, Ziemann E. Short-Term Resistance Training Supported by Whole-Body Cryostimulation Induced a Decrease in Myostatin Concentration and an Increase in Muscle Strength. *Int J Environ Res Pub Health* 2020;17(15):E5496.
4. Gomarasca M, Savadori P, Mariano S, Cipolla L, Lombardi G. Histological validation of adipogenic differentiation potential of ASC on collagen-based 2D scaffolds. *Histochem Cell Biol*. Epub Ahead of Print
5. Briguglio M, Lombardi G, Sansoni V, Perego S, De Gennaro Colonna V, Stella D, Colombo C, Bonadies M, De Blasio G, Banfi G, Turiel M. Vitamin D, cardio-inflammation, and endothelial dysfunction in older adults after orthopedic surgery: results from an open-label trial to ameliorate cardiac function. *Nutr Clin Metab*. ACCEPTED
6. Kirk B, Feehan J, Lombardi G, Duque G. Muscle, bone and fat crosstalk: the biological role of myokines, osteokines and adipokines. *Curr Osteoporos* 2020;18(4):388-400.
7. Zagra L, Faraldi M, Pregliasco FE, Vinci A, Lombardi G, Ottaiano I, Accetta R, Perazzo P, D'Apolito. Changes Of Clinical Activities In An Orthopaedic Institute In North Italy During The Spread Of COVID-19 Pandemic: A Seven-Week Observational Analysis. *Int Orthop* 2020;44(8):1591-8.
8. Briguglio M, Hrelia S, Malaguti M, Lombardi G, Riso P, Porrini M, Perazzo P, Banfi G. The Central Role of Iron in Human Nutrition: from Folk to Contemporary Medicine. *Nutrients* 2020;12:1761.
9. Campagner A, Berjano P, Lamartina C, Langella F, Lombardi G, Cabitza F. Assessment and prediction of spine surgery invasiveness with machine learning techniques. *Comp Biol Med* 2020;121(2020):103796.

10. Ferrari D, Lombardi G, Strollo M, Pontillo M, Motta A, Locatelli M. A Possible Antioxidant Role for Vitamin D in Soccer Players: A Retrospective Analysis of Psychophysical Stress Markers in a Professional Team. *Int J Environ Res Pub Health* 2020;17(10):3484.
11. Bottani M, Banfi G, Lombardi G. The clinical potential of circulating miRNAs as biomarkers: Present and future applications for diagnosis and prognosis of age-associated bone diseases. *Biomolecules* 2020;10(4):589.
12. Gomasasca M, Maroni P, Banfi G, Lombardi G. microRNAs in the Antitumor Immune Response and in Bone Metastasis of Breast Cancer: From Biological Mechanisms to Therapeutics. *Int J Mol Sci* 2020;21:2805.
13. Verdelli C, Sansoni V, Perego S, Favero V, Vitale J, Terrasi A, Morotti A, Passeri E, Lombardi G, Corbetta S. Circulating fractures-related microRNAs distinguish primary hyperparathyroidism-related from estrogen withdrawal-related osteoporosis in postmenopausal osteoporotic women: a pilot study. *Bone* 2020;137(2020):115350.
14. Briguglio M, Pregliasco FE, Lombardi G, Perazzo P, Banfi G. The Malnutritional Status of the Host as Virulence Factor for SARS-CoV-2. *Front Med* 2020;7:146.
15. Briguglio M, Hrelia S, Malaguti M, De Vecchi E, Lombardi G, Banfi G, Riso P, Porrini M, Romagnoli S, Pino F, Crespi T, Perazzo P. Oral Supplementation with Sucrosomial Ferric Pyrophosphate Plus L-Ascorbic Acid to Ameliorate the Martial Status: A Randomized Controlled Trial. *Nutrients* 2020;12:386.
16. Faraldi M, Sansoni V, Perego S, Gomasasca M, Kortas J, Ziemann E, Banfi G, Lombardi G. Study of the pre-analytical variables affecting the measurement of clinically relevant free-circulating microRNAs: focus on sample matrix, platelet depletion, and storage conditions. *Biochem Med* 2020;30(1):010703.
17. Gomasasca M, Banfi G, Lombardi G. Myokines: the endocrine coupling of skeletal muscle and bone. *Adv Clin Chem* 2020;94:155-218.
18. Vitale JA, Povia V, Belli E, Lombardi G, Banfi G, La Torre A. Are two different speed endurance training protocols able to affect the concentration of serum cortisol in response to a shuttle run test in soccer players? *Res Sports Med* 2020;28(2):293-301.
19. Diani M, Perego S, Sansoni V, Bertino L, Gomasasca M, Faraldi M, Pigatto PDL, Damiani G, Banfi G, Altomare G, Lombardi G. Differences in osteoimmunological biomarkers predictive of psoriatic arthritis among a large Italian cohort of psoriatic patients. *Int J Mol Sci* 2019;20:5617.
20. Bottani M, Banfi G, Lombardi G. Circulating miRNAs as diagnostic and prognostic biomarkers in common solid tumors: focus on lung, breast, prostate cancers, and osteosarcoma. *J Clin Med* 2019;8:1661.
21. Bottani M, Banfi G, Lombardi G. Perspectives for miRNAs as epigenetic markers in osteoporosis and fracture risk: a step forward into a personalized diagnosis. *Front Genetics* 2019;10:1044.
22. Ferrari D, Lombardi G, Strollo M, Pontillo M, Motta A, Locatelli M. Association between solar ultraviolet doses and vitamin D clinical routine data in a European mid-latitude population between 2006 and 2018. *Photochem Photobiol Sci* 2019;18(11):2696-706.
23. Akoume MY, Elbakry M, Veillette M, Franco A, Nada D, Labelle H, Mac-Thiong JM, Grimard G, Ouellet J, Parent S, Rivard CH, Lombardi G, Colombini A, Banfi G, Brayda-Bruno M, Gorman K, Moreau A. A Differential Hypofunctionality of Gai Proteins Occurs in Adolescent Idiopathic Scoliosis and Correlates with the Risk of Disease Progression. *Sci Rep* 2019;9(1),10074.
24. Faraldi M, Gomasasca M, Sansoni V, Perego S, Banfi G, Lombardi G. Normalization strategies differently affect circulating miRNA profile associated with the training status. *Sci Rep* 2019;9:1584.
25. Lombardi G. Exercise-dependent modulation of bone metabolism and bone endocrine function: new findings and therapeutic perspectives. *J Sci Sport Exercise* 2019;1:20-8.
26. Khakroo Abkenar I, Rahmani-Nia F, Lombardi G. The Effects of Acute and Chronic Aerobic Activity on the Signaling Pathway of the Inflammasome NLRP3 3 Complex in Young Men. *Medicina* 2019;55(4):105.
27. Lubkowska A, Bryczkowska I, Szygula Z, Giemza C, Skrzek A, Rotter I, Lombardi G, Banfi G. The effect of repeated whole-body cryostimulation on the HSP-70 and lipid metabolisms in healthy subjects. *Physiol Res* 2019;68(3):419-429.

28. Vitale JA, Vitale ND, Cavaleri L, Dazzan E, Lombardi G, Mascagni P, La Torre A, Banfi G. Level- and sport-specific Star Excursion Balance Test performance in female volleyball players. *J Sports Med Phys Fitness* 2019;59(5):733-42.
29. Sakellariou G, Lombardi G, Vitolo B, Gomasasca M, Faraldi M, Caporali R, Banfi G, Montecucco C. Serum Calprotectin as a marker of clinical and ultrasound-detected synovitis in early psoriatic and rheumatoid arthritis: results from a cross-sectional retrospective study. *Clin Exp Rheumatol* 2019;37:429-36.
30. Lombardi G, Ziemann E, Banfi G. Physical activity and bone health: what is the role of immune system? A narrative review of the third way. *Front Endocrinol* 2019;10:60.
31. 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 Immunopathol Pharmacol* 2019;33:1-7.
32. Giannasi C, Niada S, Farronato D, Lombardi G, Manfredi B, Farronato G, Brini AT. Nitrogen containing bisphosphonates impair the release of bone homeostasis mediators and matrix production by human primary pre-osteoblasts. *Int J Med Sci* 2019;16(1):23-32.
33. 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 Rep* 2018;25(13):3858-68.e4.
34. Jaworska J, Micielska K, Kozłowska M, Wnorowski K, Skrobecki J, Radziminski L, Babinska A, Rodziejewicz E, Lombardi G, Ziemann E. A Two-week specific volleyball training supported by the whole body cryostimulation protocol induced an increase of growth factors and counteracted deterioration of physical performance. *Front Physiol* 2018;9:1711.
35. Faraldi M, Gomasasca M, Banfi G, Lombardi G. Free circulating miRNA measurement in clinical settings: the still unresolved issue of normalization. *Adv Clin Chem* 2018;87:113-39.
36. Vitale JA, Lombardi G, Weydahl A, Banfi G. Biological rhythms, chronodisruption and chrono-enhancement: The role of physical activity as synchronizer in correcting steroids circadian rhythm in metabolic dysfunctions and cancer. *Chronobiol Int* 2018;35(9):1185-97
37. Dugue B, Lombardi G, Banfi G. What everybody should know about postural changes. *Scand J Clin Lab Invest* 2018;78(5)407-10.
38. Bottani M, Brasca M, Ferraretto A, Cardone G, Casiraghi MC, Lombardi G, De Noni I, Cattaneo S, Silveti T. Chemical and nutritional properties of white bread leavened by lactic acid bacteria. *J Funct Food* 2018;45(2018):330-8.
39. 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;9:18029-40.
40. Perego S, Sansoni V, Banfi G, Lombardi G. Sodium Butyrate counteracts the pro-inflammatory effects of TNF $\alpha$  in osteosarcoma cells: possible anti-proliferative, pro-differentiating, and immunomodulatory effects in osteoblasts. *Int J Immunopathol Pharmacol* 2018;32:394632017752240.
41. Vitale JA, Lombardi G, Cavaleri L, Graziani R, Schoenuber H, La Torre A, Banfi G. Rates of insufficiency and deficiency of vitamin D levels in elite professional male and female skiers: A chronobiologic approach. *Chronobiol Int* 2018;35(4):441-9.
42. Vitale JA, Povia V, Vitale ND, Bassani T, Lombardi G, Giacomelli L, Banfi G, La Torre A. The effect of two different speed endurance training protocols on a multiple shuttle run performance in young elite male soccer players. *Res Sport Med* 2018;26(4):436-49.
43. Lombardi G, Banfi G. Comments on the paper "Transient global amnesia following a whole-body cryotherapy session". *BMJ Case Rep eLetter* 8<sup>th</sup> November 2017 [http://casereports.bmj.com/content/2017/bcr-2017-221431/reply#casereports\\_el\\_4077](http://casereports.bmj.com/content/2017/bcr-2017-221431/reply#casereports_el_4077)
44. Ferrari D, Lombardi G, Banfi G. Concerning the vitamin D reference range: pre-analytical and analytical variability of vitamin D measurement. *Biochem Med* 2017;27(3):030501.
45. Lombardi G, Ziemann E, Banfi G. Whole-body cryotherapy in athletes: from therapy to stimulation. An updated review of the literature. *Front Physiol* 2017;8:258.

46. Lombardi G, Sansoni V, Banfi G. Measuring myokines with cardiovascular functions: pre-analytical variables affecting the analytical output. *Ann Transl Med* 2017;5(15):299.
47. Lombardi G, Vitale JA, Logoluso S, Logoluso G, Cocco N, Cocco G, Cocco A, Banfi G. Circannual rhythm of plasmatic vitamin D levels and the association with markers of psychophysical stress in a cohort of Italian professional soccer players. *Chronobiol Int* 2017;34(4):471-9.
48. Lombardi G, Barbaro M, Locatelli M, Banfi G. Novel bone metabolism-associated hormones: the importance of the pre-analytical phase for understanding their physiological roles. *Endocrine* 2017;56(3):460-84.
49. Sansoni V, Vernillo G, Perego S, Barbuti A, Merati G, Schena 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.
50. Cauci S, Viganò M, De Luca P, Perucca Orfei C, Banfi G, Lombardi G, Brayda-Bruno M, Colombini A. High levels of circulating type II collagen degradation marker (CTx-II) are associated with specific VDR polymorphisms in patients with adult vertebral osteochondrosis. *Int J Mol Sci* 2017;18:2073.
51. Brayda-Bruno M, Viganò M, Cauci S, Vitale JA, de Girolamo L, De Luca P, Lombardi G, Banfi G, Colombini A. Plasma vitamin D and osteo-cartilaginous markers in Italian males affected by intervertebral disc degeneration: focus on seasonal and pathological trend of type II collagen degradation. *Clin Chim Acta* 2017;471:87-93.
52. Sanchis-Gomar F, Alis R, Rampinini E, Bosio A, Romagnoli M, Lombardi G, Lippi G. Alpha-amylase serum levels in professional soccer players are not related with physical fitness. *J Sports Med Phys Fitness* 2017;57(3):214-8.
53. 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.
54. 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.
55. 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.
56. 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.
57. Xu J, Lombardi G, Jiao W, Banfi G. Effects of exercise on bone status in female subjects from young girls to postmenopausal women: an overview of systematic reviews and meta-analyses. *Sports Med* 2016;46(8):1165-82.
58. 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.
59. Colombini A, Brayda-Bruno M, Lombardi G, Croiset SJ, Ceriani C, Buligan C, Barbina M, Banfi G, Cauci S. BsmI, ApaI and TaqI polymorphisms in the vitamin D receptor gene (VDR) and association with lumbar spine pathologies. *PLoS ONE* 2016;11(5):e0155004.
60. 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;25:192-9.
61. 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.
62. 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.
63. Vernillo G, Agnello L, Barbuti A, Di Meco S, Lombardi G, Merati G, La Torre A. Postexercise autonomic function after repeated-sprints training. *Eur J Appl Physiol* 2015;115(11):2445-55.

64. Mora S, Puzzovio M, Giacomet V, Fabiano V, Maruca K, Capelli S, Nannini P, Lombardi G, Zuccotti GV. Sclerostin and DKK-1: two important regulators of bone metabolism in HIV-infected youths. *Endocrine* 2015;49(3):783-90.
65. Alis R, Sanchis-Gomar F, Ferioli D, La Torre A, Bosio A, Xu J, Lombardi G, Romagnoli M, Rampinini E. Association between physical fitness and mean platelet volume in professional soccer players. *Clin Chem Lab Med* 2015;53(10):e249-52.
66. 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;75:523-30.
67. Sanchis-Gomar F, Alis R, Rampinini E, Bosio A, Romagnoli M, Lombardi G, Lippi G. Hs-cTnT levels in professional soccer players throughout a season: No evidence of sustained cardiac damage. *Int J Cardiol* 2015;197:292-3.
68. 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.
69. Lombardi G, Perego S, Luzi L, Banfi G. A four-season molecule: osteocalcin. Updates in its physiological roles. *Endocrine* 2015;48(2):394-404.
70. Grasso D, Corsetti R, Lanteri P, Di Bernardo C, Colombini A, Graziani R, Banfi G, Lombardi G. Bone-muscle unit activity, salivary steroid hormones profile and physical effort over a 3-week stage race. *Scand J Med Sci Sport* 2015;25(1):70-80.
71. Colombini A, Lopa S, Ceriani C, Lovati AB, Croiset SJ, Di Giancamillo A, Lombardi G, Banfi G, Moretti M. In vitro characterization and in vivo behavior of human nucleus pulposus and annulus fibrosus cells in clinical grade fibrin and collagen-enriched fibrin gels. *Tissue Eng Part A* 2015;21(3-4):793-802.
72. Colombini A, Brayda-Bruno M, Ferino L, Lombardi G, Maione V, Banfi G, Cauci S. Gender Differences in the VDR-FokI Polymorphism and conventional non-genetic risk factors in association with lumbar spine pathologies in an Italian case-control study. *Int J Mol Sci* 2015;16:3722-39.
73. Lombardi G, Banfi G. Effects of sample matrix and storage conditions on full-length visfatin measurement in blood. *Clin Chim Acta* 2015;440:140-2.
74. Colombini A, Machado M, Lombardi G, Lanteri P, Banfi G. Modifications of biochemical parameters related to protein metabolism and renal function in male soccer players after a match. *J Sports Med Phys Fitness* 2014;54(5):658-64.
75. Galliera E, Lombardi G, Marazzi MG, Grasso D, Vianello E, Pozzoni R, Banfi G, Corsi Romanelli MM. Acute exercise in elite rugby players increases the circulating level of the cardiovascular biomarker GDF-15. *Scand J Clin Lab Invest* 2014;74(6):492-9.
76. Lombardi G, Corsetti R, Lanteri P, Grasso D, Vianello E, Marazzi MG, Graziani R, Colombini A, Galliera E, Corsi Romanelli MM, Banfi G. Reciprocal regulation of calcium/phosphate-regulating hormones in cyclists during the Giro d'Italia 3-week stage race. *Scand J Med Sci Sport* 2014;24(5):779-87.
77. Lombardi G, Grasso D, Berjano P, Banfi G, Lamartina C. Is minimally invasive spine surgery also minimally pro-inflammatory? Muscular markers, inflammatory parameters and cytokines to quantify the operative invasiveness assessment in spine fusion. *Eur J Inflamm* 2014;12(2):237-49.
78. Grasso D, Lanteri P, Di Bernardo C, Mauri C, Porcelli S, Colombini A, Zani V, Bonomi F, Melegati G, Banfi G, Lombardi G. Salivary steroid hormones response to whole-body cryotherapy in elite rugby players. *J Biol Regul Homeost Agents* 2014;28:291-300.
79. Lombardi G, Colombini A, Porcelli S, Mauri C, Zani V, Bonomi F, Melegati G, Banfi G. Muscular damage and kidney function in rugby players after daily whole body cryostimulation. *Physiol J* 2014;790540.
80. Colombini A, Brayda-Bruno M, Lombardi G, Croiset SJ, Vrech V, Maione V, Banfi G, Cauci S. FokI polymorphism in the vitamin D receptor gene (VDR) and its association with lumbar spine pathologies in the Italian population: a case-control study. *PLoS ONE* 2014;9(5):e97027.
81. Bettoni L, Bonomi FG, Zani V, Manisco L, Indelicato A, Lanteri P, Banfi G, Lombardi G. Effects of 15 consecutive cryotherapy sessions on the clinical output of fibromyalgic patients. *Clin Rheumatol* 2013;32(9):1337-45.
82. 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.
83. Lombardi G, Lanteri P, Fiorella PL, Simonetto L, Impellizzeri FM, Bonifazi M, Banfi G, Locatelli M. Comparison of the hematological profile of elite road cyclists during the 2010 and 2012 GiroBio ten-day stage races and relationships with final ranking. *PLoS ONE* 2013;8(4):e63092.
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The undersigned Giovanni Lombardi authorizes the use of the personal data contained in the CV as reported in the art. 13, D. Lgs. 196/2003 (Italy).

Milano 31<sup>th</sup> August 2020

In witness thereof,  
Giovanni Lombardi