

**EUROPEAN CURRICULUM  
VITAE**

**PERSONAL INFORMATION**

NAME	Giovanni Lombardi
OFFICE PHONE	+39 02 6621 4068
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DATE OF BIRTH	20 <sup>th</sup> December 1980
NATIONALITY	Italian
FAMILY STATUS	Married, three children

**WORK EXPERIENCES**

**RESEARCH & ACADEMIC**

**CAREER**

FROM DEC 2018	Associate Professor Dept. of Physiology & Pharmacology, Faculty of Rehabilitation & Kinesiology, Akademia Wychowania Fizycznego i Sportu, Gdańsk, Polska
JUN 2018-NOV 2018	Adjunct/Visiting Professor 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
FROM SEP 2017	Adjunct Professor of Laboratory Medicine Vita-Salute San Raffaele University, Milano, Italia
2017-2018	Lecturer Biochemical monitoring in young soccer players Interuniversity master course "Theory and methodology of athletic training in soccer" Università Cattolica del Sacro Cuore, Roma-Milano, Italia
FROM JAN 2013	Head Laboratory of Experimental Biochemistry & Molecular Biology IRCCS Istituto Ortopedico Galeazzi, Milano, Italia
JAN 2007-DEC 2012	Researcher Laboratory of Experimental Biochemistry & Molecular Biology (Director Prof. Giuseppe Banfi) IRCCS Istituto Ortopedico Galeazzi, Milano, Italia
OCT 2006-DEC 2006	Post-graduate frequenting scientist Laboratory of Nutritional Biochemistry (Director Prof. Guido Tettamanti) Dept. of Medical Chemistry, Biochemistry & Biotechnology, Faculty of Medicine and Surgery, University of Milano, Milano, Italia

**MEMBERSHIPS &  
ADVISORSHIP**

FROM APR 2018	Member Working group on Vitamin D standardization program International Federation of Clinical Chemistry (IFCC) <a href="http://www.ifcc.org/ifcc-scientific-division/sd-working-groups/wg-vit-d/">http://www.ifcc.org/ifcc-scientific-division/sd-working-groups/wg-vit-d/</a>
FROM JAN 2018	Technical-scientific advisor on Sleep and sports

- Dorelan B&T S.p.A.  
<http://www.dorelanreactive.com/ricerca-scientifica/>
- 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>
- FROM 2016 Technical-scientific advisor on Whole-body cryotherapy  
 SAPIO LIFE S.r.l.
- EDITORIAL ACTIVITY**
- EDITORIAL BOARD Frontiers in Endocrinology  
 Journal of Science in Sport & Exercise
- ADVISORY BOARD Journal of Sports Sciences
- REVIEWER 78 reviews (44 international journals) verified on Publons (Clarivate Analytics)  
<https://publons.com/author/1438002/giovanni-lombardi#profile>
- OTHER EXPERIENCES**
- FROM 2015 Reviewer  
 Polish Narodowe Centrum Nauki (NCN)  
 NZ7 Panel (OPUS8, PRELUDIUM9, PRELUDIUM12, SONATA12 programs)
- 2008 Visiting scientist  
 Viscogliosi Laboratory in Molecular Genetics of Musculoskeletal Diseases” (Director Prof. Alain Moreau)  
 CHU Sainte Justine, Montreal (QC), Canada
- AWARDS & GRANTS**
- 2018 Principal Investigator  
 Polish Narodowe Centrum Nauki (NCN), OPUS15 program
- 2017 Coinvestigator  
 Polish Narodowe Centrum Nauki (NCN), OPUS13 program
- 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

#### LANGUAGE SKILLS

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

#### WORKING SKILLS

INTERESTS	Endocrine function of bone and skeletal muscle tissues Biochemical 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
GENERAL EXPERTISE	Work organization Team management Students management International relationship and cooperation
RESEARCH EXPERTISE	Basic and clinical biochemistry Basic and clinical molecular biology Antibody-based detection methodologies Cell cultures Cell biology and microscopy Informatics, bioinformatics, and statistics Research outline and organization Grant and research article drafting, writing, and reviewing Speech in national and international scientific contests

### SCIENTIFIC PUBLICATIONS

TOTAL CITATIONS(SCOPUS - 2018-12): 1176

h Index (SCOPUS - 2018-12): 19

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 Rep* 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 Immunopathol Pharmacol* ACCEPTED
3. 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* [Epub Ahead of Print].
4. Sakellariou G, Lombardi G, Vitolo B, Gomasca 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* [Epub Ahead of Print].
5. 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.
6. Jaworska J, Micielska K, Kozłowska M, Wnorowski K, Skrobecki J, Radzimiński L, Babinska A, Rodziewicz 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.

7. 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.
8. 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.
9. Dugue B, Lombardi G, Banfi G. What everybody should know about postural changes. *Scand J Clin Lab Invest* 2018;78(5)407-10.
10. Bottani M, Brasca M, Ferraretto A, Cardone G, Casiraghi MC, Lombardi G, De Noni I, Cattaneo S, Silvetti T. Chemical and nutritional properties of white bread leavened by lactic acid bacteria. *J Funct Food* 2018;45(2018):330-8.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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)
16. 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.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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.
22. 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.
23. 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.
24. 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.
25. 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.

26. 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.
27. 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.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. 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.
35. Vernillo G, Agnello L, Barbuti A, Di Meo S, Lombardi G, Merati G, La Torre A. Postexercise autonomic function after repeated-sprints training. *Eur J Appl Physiol* 2015;115(11):2445-55.
36. 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.
37. 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.
38. 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.
39. 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.
40. 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.
41. Lombardi G, Perego S, Luzi L, Banfi G. A four-season molecule: osteocalcin. Updates in its physiological roles. *Endocrine* 2015;48(2):394-404.
42. 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.
43. 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.
44. 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.

45. 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.
46. 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.
47. 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.
48. 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.
49. 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 Inflam* 2014;12(2):237-49.
50. 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.
51. 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.
52. 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.
53. 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.
54. 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.
55. 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.
56. Lombardi G, Banfi G, Lippi G, Sanchis-Gomar F. Ex-vivo erythrocyte generation and blood doping. *Blood Transfus* 2013;11:161-3.
57. Colombini A, Cauci S, Lombardi G, Lanteri P, Croiset S, Brayda-Bruno M, Banfi G. Relationship between vitamin D receptor gene (VDR) polymorphisms, vitamin D status, osteoarthritis and intervertebral disc degeneration. *J Steroid Biochem Mol Biol* 2013;138C:24-40.
58. Lombardi G. Reply to Gore C. et al.: Plasma volume shift during multiday racing. *Clin Chem Lab Med* 2013;30:1-2.
59. Lombardi G, Lanteri P, Porcelli S, Mauri C, Colombini A, Grasso D, Zani V, Bonomi FG, Melegati G, Banfi G. Hematological profile and martial status in rugby players during whole body cryostimulation. *PLoS ONE* 2013;8(2):e55803.
60. Lombardi G, Colombini A, Lanteri P, Banfi G. Reticulocytes in sports medicine. An update. *Adv Clin Chem* 2013;59:125-53.
61. Lanteri P, Lombardi G, Colombini A, Banfi G. Vitamin D in exercise: physiologic and analytical concerns. *Clin Chim Acta* 2013;415:45-53.
62. Lanteri P, Lombardi G, Colombini A, Grasso D, Banfi G. Stability of osteopontin in plasma and serum. *Clin Chem Lab Med* 2012;50(11):1979-84.
63. Lombardi G, Lanteri P, Graziani R, Colombini A, Banfi G, Corsetti R. Bone and energy metabolism parameters in professional cyclists during the Giro d'Italia 3-weeks stage race. *PLoS ONE* 2012;7(7):e42077.
64. Colombini A, Corsetti R, Machado M, Graziani R, Lombardi G, Lanteri P, Banfi G. Serum creatine kinase activity and its relationship with renal function indices in

- professional cyclists during the Giro d'Italia 3-week stage race. *Clin J Sports Med* 2012;22(5):408-13.
65. Corsetti R, Lombardi G, Barassi A, Lanteri P, Colombini A, Melzi d'Eril G, Banfi G. Cardiac indexes, cardiac damage biomarkers and energy expenditure in professional cyclists during the Giro d'Italia 3-weeks stage race. *Biochem Med* 2012;22(2):237-46.
  66. Corsetti R, Lombardi G, Lanteri P, Colombini A, Graziani R, Banfi G. Haematological and iron metabolism parameters in professional cyclists during the Giro d'Italia 3-weeks stage race. *Clin Chem Lab Med* 2012;50(5):949-56.
  67. Lombardi G, Lanteri P, Colombini A, Banfi G. Blood biochemical markers of bone turnover: pre-analytical and technical aspects of sample collection and handling. *Clin Chem Lab Med* 2012;50(5):771-89.
  68. Colombini A, Lanteri P, Lombardi G, Grasso D, Recordati C, Lovi A, Banfi G, Bassani R, Brayda-Bruno M. Metabolic effects of vitamin D active metabolites in monolayer and micromass cultures of nucleus pulposus and annulus fibrosus cells isolated from human intervertebral disc. *Int J Biochem Cell Biol* 2012;44(6):1019-30.
  69. Lombardi G, Lanteri P, Colombini A, Mariotti M, Banfi G. Sclerostin concentrations in athletes: role of load and gender. *J Biol Regul Homeost Agents* 2012;26(1):157-63.
  70. Banfi G, Colombini A, Lombardi G, Lubkowska A. Metabolic markers in sports medicine. *Adv Clin Chem* 2012;56:1-54.
  71. Colombini A, Corsetti R, Graziani R, Lombardi G, Lanteri P, Banfi G. Evaluation of creatinine, cystatin C and eGFR by different equations in professional cyclists during the Giro d'Italia 3-weeks stage race. *Scand J Clin Lab Invest* 2012;72:114-20.
  72. Milic R, Colombini A, Lombardi G, Lanteri P, Banfi G. Estimation of glomerular filtration rate by MDRD equation in athletes: role of body surface area. *Eur J Appl Physiol* 2011;112(1):201-6.
  73. Lombardi G, Lanteri P, Colombini A, Lippi G, Banfi G. Stability of haematological parameters and its relevance on the Athlete's Biological Passport model. *Sports Med* 2011;41(12):1033-42.
  74. Banfi G, Lombardi G, Colombini A, Lippi G. Analytical variability in sport haematology: its importance in an antidoping setting. *Clin Chem Lab Med* 2011;49(5):779-82.
  75. Colombini A, Lombardi G, Banfi G, Arpesella M, Pelissero G. Athleticogenomics and elite athletes: a review of the state of the art and a possible relationship with inflammatory response. *It J Pub Health* 2011;8(3):275-85.
  76. Lombardi G, Colombini A, Freschi M, Tavana R, Banfi G. Seasonal variation of bone turnover markers in top-level female skiers. *Eur J Appl Physiol* 2011;111(3):433-40.
  77. Nason F, Morganti E, Collini C, Ressa C, Bersini S, Pennati G, Boschetti F, Colombini A, Lombardi G, Banfi G, Lorenzelli L, Dubini G. Design of microfluidic devices for drug screening on in-vitro cells for osteoporosis therapies. *Microelectr Eng* 2011;88(8):1801-6.
  78. Lombardi G, Acume MY, Colombini A, Moreau A, Banfi G. Biochemistry of adolescent idiopathic scoliosis. *Adv Clin Chem* 2011;54:165-82.
  79. Díaz V, Lombardi G, Ricci C, Jacobs RA, Montalvo Z, Lundby C, Banfi G. Reticulocyte and haemoglobin profiles in elite triathletes over four consecutive seasons. *Int J Lab Hematol* 2011;33(6):638-44.
  80. Colombini A, Lombardi G, Galliera E, Dogliotti G, Randelli P, Meerssemann A, Mineo G, Cabitza P, Corsi MM. Plasma and drainage fluid levels of soluble receptor activator of nuclear factor- $\kappa$ B (sRANK), soluble receptor activator of nuclear factor- $\kappa$ B ligand (sRANKL) and osteoprotegerin (OPG) during proximal humerus fracture healing. *Int Orthop* 2011;35(5):777-82.
  81. Lombardi G, Ricci C, Banfi G. Effects of winter swimming on haematological parameters. *Biochem Med* 2011;21(1):71-8.
  82. Banfi G, Lombardi G, Colombini A, Lippi G. Bone metabolism markers in sports medicine. *Sports Med* 2010;40(8):697-714.
  83. Galliera E, Randelli P, Dogliotti G, Dozio E, Colombini A, Lombardi G, Cabitza P, Corsi MM. Matrix metalloproteinases MMP-2 and MMP-9: are they early biomarkers of bone remodelling and healing after arthroscopic acromioplasty? *Injury* 2010;41(11):1204-7.
  84. Cosentino S, Donida BM, Marasco E, Del Favero E, Cantù L, Lombardi G, Colombini A, Iametti S, Valeperta S, Fiorilli A, Tettamanti G, Ferraretto A. Calcium ions enclosed in casein phosphopeptide aggregates are directly involved in the mineral uptake by differentiated HT-29 cells. *Int Dairy J* 2010;20:770-6.

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**CONGRESSES**

INVITED TALKS	20
ORAL & POSTERS	28

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 17<sup>th</sup> December 2018

In witness thereof,  
Giovanni Lombardi

