

DICHIARAZIONE SOSTITUTIVA DELL'ATTO DI NOTORIETA' RELATIVA A FATTI, STATI O QUALITA' PERSONALI (Artt. 46 e 47 DPR 28.12.2000 N. 445)

Il sottoscritto, GIACOMELLI LUCA MARIO, [REDACTED]

[REDACTED] consapevole delle responsabilità penali in relazione alle
dichiarazioni non veritiere (Artt. 46, 47 e 76 DPR 28.12.2000 N. 445),

DICHIARA DI POSSEDERE I SEGUENTI TITOLI, ESPERIENZE FORMATIVE E PROFESSIONALI:

Present position

- Independent Scientific Consultant, Medical Writer and Editor
- Visiting Professor of Medical Physics, Department of Surgical Sciences and Integrated Diagnostics, School of Medicine, Genova University.

Editorial and scientific activity

- 2004-present. Scientific consultancy, medical writing and editorial activity, as a free-lance consultant - or in tenured positions - with medical publishers, pharma companies and research groups (*Istituto Nazionale Tumori, Milan, Italy; Cisanello Hospital, Pisa, Italy; Humanitas Research Center, Rozzano, Italy*).
- Assessment and writing of scientific papers, reviews and clinical trial protocols, in different fields of medical and clinical research, both in English and in Italian.
- Office-based coordination and management of other people - including sales, editorials, technical assistants, and free-lancers - involved in the same projects.
- Development of the client portfolio and definition of customized solutions and publication plans.
- Development of a close cooperation with some international journals (*e.g. Current Medical Research and Opinion, European Review for Medical and Pharmacological Sciences, Future Oncology, Expert Review Series, Expert Opinion Series*).
- Teaching in Continuous Medical Education training courses on medical writing and scientific literature.

Research and teaching activity

- 2005-present: Development of new algorithms and tools in molecular genomics, with applications in biological/pathological processes (cell cycle, kidney transplant, osteogenesis, periodontitis, diabetes) [University of Genoa, University of Pisa and University of California and Los Angeles, California, US]
- 2006-present: Analysis of clinical and experimental data from experimental and clinical studies in the field of dentistry, oncology, rheumatology and phytotherapy (University of Genoa and University of Pisa).
- 2007-present: Teaching activity in graduate and post-graduate courses of medical physics, nanotechnologies, and bioinformatics.

Awards and appointments

- Selected for the 2010 Edition of **Marquis Who's who for Science and Engineering** thanks to contribution to the field of genomics and proteomics.
- Member of the **Editorial Board of Journal of Translational Medicine** and of **Dental Hypotheses**.
- **Best scientific contribution** to the FISMAD meeting "Congresso Nazionale delle Malattie Digestive" (National meeting on gastrointestinal diseases), held in Bologna on 26th March 2015.

Education and training

- **Granted PhD scholarship in Biophysics**, School of Medicine, University of Genoa, Genoa, Italy (graduation: excellent).
- **Master in Scientific Communication**, School of Pharmacy, University of Milan, Milan, Italy.
- **Degree in Pharmaceutical Biotechnology**, School of Pharmacy, University of Milan, Milan, Italy, in March 2004 (mark: 102/110).

Technical skills

- High level use of different operating systems (Windows, Linux) and software packages (Office, Works, Open Office).
- Excellent skill in querying literature scientific databases.

Languages

- Mother tongue: **Italian**.
- Other languages: highly fluent **English**, actually used in 80% of working activities.

DICHIARA, INOLTRE, DI AVER REDATTO LE SEGUENTI PUBBLICAZIONI:

Scientific publications

- Sivozhelezov V, Giacomelli L, Tripathi S, Nicolini C. Gene expression in the cell cycle of human T lymphocytes: I. Predicted gene and protein networks. J Cell Biochem 2006;97:1137-50.
- Nicolini C, Spera R, Stura E, Fiordoro S, Giacomelli L. Gene expression in the cell cycle of human T lymphocytes: Experimental determination by DNAsier technology. J Cell Biochem 2006;97:1151-9.
- Giacomelli L, Nicolini C. Gene expression in human T lymphocytes: experimental and bioinformatics analysis. J Cell Biochem 2006;99:1326-33.
- Covani U, Giacomelli L, Krajewski A, Ravaglioli A, Spotorno L, Loria P, Das S, Nicolini C. Biomaterials for orthopedics: a roughness analysis by atomic force microscopy. J Biomed Mater Res A 2007;82:723-30.
- Pechkova E, Sartore M, Giacomelli L, Nicolini C. Atomic force microscopy of protein films and crystals. Rev Sci Instrum 2007;78:093704.
- Sivozhelezov V, Braud C, Giacomelli L, Pechkova E, Giral M, Souillou JP, Brouard S, Nicolini C. Immunosuppressive drug-free operational immune tolerance in human kidney transplants recipients. Part II. Non-statistical gene microarray analysis. J Cell Biochem 2008;103:1693-706.
- Barone A, Santini S, Marconcini S, Giacomelli L, Gherlone E, Covani U. Osteotomy and membrane elevation during the maxillary sinus augmentation procedure. A comparative study: piezoelectric device vs. conventional rotative instruments. Clin Oral Implants Res 2008;19:511-5.

- Giacomelli L, Marconcini S, Derchi G, Barone A, Covani U. Leader genes: a data mining approach for molecular genomics. AMIA Annu Symp Proc 2007;963.
- Covani U, Marconcini S, Giacomelli L, Sivozhelevov V, Barone A, Nicolini C. Bioinformatic prediction of leader genes in human periodontitis. J Periodontol 2008;79:1974-83.
- Oluwadara O, Giacomelli L, Christensen R, Kossan G, Avezova R, Chiappelli F. LCK, survivin and PI-3K in the molecular biomarker profiling of oral lichen planus and oral squamous cell carcinoma. Bioinformation 2009;4:249-57.
- Giacomelli L, Oluwadara O, Chiappe G, Barone A, Chiappelli F, Covani U. Relationship between human oral lichen planus and oral squamous cell carcinoma at a genomic level: a datamining study. Bioinformation 2009;4:258-62.
- Covani U, Marconcini S, Derchi G, Barone A, Giacomelli L. Relationship between human periodontitis and type 2 diabetes at a genomic level: a data-mining study. J Periodontol 2009;80:1265-73.
- Chiappelli F, Covani U, Giacomelli L. Proteomics as it pertains to oral pathologies and dental research. Bioinformation 2011;5:277.
- Oluwadara O, Giacomelli L, Brant X, Christensen R, Avezova R, Kossan G, Chiappelli F. The role of the microenvironment in tumor immune surveillance. Bioinformation 2011;5:285-90.
- Salerno M, Giacomelli L, Larosa C. Biomaterials for the programming of cell growth in oral tissues: The possible role of APA. Bioinformation 2011;5:291-3.
- Ramchandani M, Siddiqui M, Kanwar R, Lakha M, Phi L, Giacomelli L, Chiappelli F. Proteomic signature of periodontal disease in pregnancy: Predictive validity for adverse outcomes. Bioinformation 2011;5:300-3.
- Barone A, Marconcini S, Giacomelli L, Rispoli L, Calvo JL, Covani U. A randomized clinical evaluation of ultrasound bone surgery versus traditional rotary instruments in lower third molar extraction. J Oral Maxillofac Surg 2010;68:330-6.
- Jovanovic V, Giacomelli L, Sivozhelevov V, Degauque N, Lair D, Souillou JP, Pechkova E, Nicolini C, Brouard S. AKT1 leader gene and downstream targets are involved in a rat model of kidney allograft tolerance. J Cell Biochem 2010;111:709-19.
- Orlando B, Barone A, Giorno TM, Giacomelli L, Tonelli P, Covani U. Insertion torque in different bone models with different screw pitch: an in vitro study. Int J Oral Maxillofac Implants 2010;25:883-7.
- Giacomelli L, Covani U. Bioinformatics and data mining studies in oral genomics and proteomics: new trends and challenges. Open Dent J 2010;4:67-71.
- Salerno M, Giacomelli L, Derchi G, Patra N, Diaspro A. Atomic force microscopy in vitro study of surface roughness and fractal character of a dental restoration composite after air-polishing. Biomed Eng Online 2010;9:59.
- Covani U, Orlando B, Giacomelli L, Cornelini R, Barone A. Implant survival after sinus elevation with Straumann® BoneCeramic in clinical practice: ad-interim results of a prospective study at a 15-month follow-up. Clin Oral Implants Res 2011;22:481-4.
- Giacomelli L, Derchi G, Frustaci A, Orlando B, Covani U, Barone A, De Santis D, Chiappelli F. Surface roughness of commercial composites after different polishing protocols: an analysis with atomic force microscopy. Open Dent J 2010;4:191-4.
- Bragazzi NL, Giacomelli L, Sivozhelevov V, Nicolini C. LeaderGene: A Fast Data-mining Tool for Molecular Genomics. J Proteomics Bioinform 2011;4:083-086.
- Giacomelli L, Salerno M, Derchi G, Genovesi A, Paganin PP, Covani U. Effect of air polishing with glycine and bicarbonate powders on a nanocomposite used in dental restorations: an in vitro study. Int J Periodontics Restorative Dent 2011;31:e51-6.
- Oluwadara O, Barkhordarian A, Giacomelli L, Brant X, Chiappelli F. Immune surveillance of nasopharyngeal carcinoma (NpC). Bioinformation 2011;7:271-5.
- Epis O, Giacomelli L, Bruschi E. Imaging in rheumatology: ultrasafe + ultrasure = ultrasound. Rheumatol Int 2013;33:1901-3.
- Orlando B, Giacomelli L, Ricci M, Barone A, Covani U. Leader genes in osteogenesis: a theoretical study. Arch Oral Biol 2013;58:42-9.
- Epis OM, Giacomelli L, Deidda S, Bruschi E. Tight control applied to the biological therapy of rheumatoid arthritis. Autoimmun Rev 2013;12:839-41.
- Bruschi E, Casu C, Filippini D, Pisoni L, Schito E, Zahalkova L, Muscarà M, Gentile MG, Livio V, Marcegaglia S, Giacomelli L, Epis O. Improving diagnosis of early inflammatory arthritis : results of a novel triage system. Clin Exp Rheumatol 2013;31:606-9.
- Paresce E, De Lucia O, Bruschi E, Giacomelli L, Epis OM. Use of ultrasound-assisted arthroscopy in rheumatology: an experience in 11 patients with different rheumatic diseases. Expert Opin Med Diagn 2013;7:309-12.
- Orlando B, Giacomelli L, Chiappelli F, Barkhordarian A. New tools for the investigations of Neuro-AIDS at a molecular level: The potential role of data-mining. Bioinformation 2013;9:656-8.

- Sacco R, Sivozhelezov V, Pellegrini L, Giacomelli L, Longo V. Dietary supplementation in cancer patients: a personal view of current status and future perspectives. *Future Oncol* 2014;10:1523-5.
- Pusceddu S, Buzzoni R, Giacomelli L, Mazzaferro V, Concas L, Milione M, Formisano B, D'Autilia E, Festinese F, De Braud F. The impact of metformin on progression-free survival of patients with advanced pancreatic well-differentiated neuroendocrine tumor receiving everolimus plus somatostatin analog treatment. *J Clin Oncol* 2014;15(Suppl.):e15172.
- Giacomelli L, Appendino G, Franceschi F, Togni S, Pace R. Omne Ignotum pro Magnifico: characterization of commercial Bilberry extracts to fight adulteration. *Eur Rev Med Pharmacol Sci* 2014;18:3948-53.
- Sacco R, Mismas V, Romano A, Ginanni B, Marceglia S, Giacomelli L, Masi G, Falcone A, Bresci G, Bartolozzi C, Bargellini I. Overall survival in intermediate-stage hepatocellular carcinoma (HCC) patients after first transarterial chemoembolization (TACE): Proposal of a new scoring system. *J Clin Oncol* 2015;3(Suppl.):386.
- Sacco R, Mismas V, Romano A, Bertini M, Bertoni M, Federici G, Metrangolo S, Parisi G, Tumino E, Bresci G, Giacomelli L, Marceglia S, Bargellini I. Assessment of clinical and radiological response to sorafenib in hepatocellular carcinoma patients. *World J Hepatol* 2015;7:33-9.
- Ledda A, Bottari A, Luzzi R, Belcaro G, Hu S, Dugall M, Hosoi M, Ippolito E, Corsi M, Gizzi G, Morazzoni P, Riva A, Giacomelli L, Togni S. Cranberry supplementation in the prevention of non-severe lower urinary tract infections: a pilot study. *Eur Rev Med Pharmacol Sci* 2015;19:77-80.
- Togni S, Maramaldi G, Bonetta A, Giacomelli L, Di Pierro F. Clinical evaluation of safety and efficacy of Boswellia-based cream for prevention of adjuvant radiotherapy skin damage in mammary carcinoma: a randomized placebo controlled trial. *Eur Rev Med Pharmacol Sci* 2015;19:1338-44.
- Sacco R, Pucci L, Sivozhelezov V, Pellegrini L, Giacomelli L, Longo V. Prevention of vascular damage with Lisosan G wheat extract: the in vitro basis for a clinical investigation. *Eur Rev Med Pharmacol Sci* 2015;19:1517-9.
- Sacco R, Mismas V, Marceglia S, Romano A, Giacomelli L, Bertini M, Federici G, Metrangolo S, Parisi G, Tumino E, Bresci G, Corti A, Tredici M, Piccinno M, Giorgi L, Bartolozzi C, Bargellini I. Transarterial radioembolization for hepatocellular carcinoma: An update and perspectives. *World J Gastroenterol* 2015;21:6518-25.
- Di Pierro F, Bressan A, Ranaldi D, Rapacioli G, Giacomelli L, Bertuccioli A. Potential role of bioavailable curcumin in weight loss and omental adipose tissue decrease: preliminary data of a randomized, controlled trial in overweight people with metabolic syndrome. *Eur Rev Med Sci* 2015;19:4195-202.
- Sacco R, Antonucci M, Bresci G, Corti A, Giacomelli L, Mismas V, Rainieri M, Romano A, Eggenhoffner R, Tumino E, Cabibbo G. Curative therapies for hepatocellular carcinoma: an update and perspectives. *Exp Rev Anticancer Ther* 2016;16:169-75.
- Mazzolani F, Togni S, Giacomelli L, Franceschi F. The role of a Novel Oral Curcumin Delivery Form (Meriva®) dietary supplementation in Meibomian Gland Dysfunction: a case series. *Minerva Ophthalmol* 2016; in press.
- Maramaldi G, Togni S, Pagnin I, Giacomelli L, Cattaneo R, Eggenhoffner R, Burastero S. Soothing and anti-itch effect of quercetin phytosome in human subjects: a single-blind study. *Clin, Cosmetic Investig Derm* 2016;9:55-62.
- Togni S, Maramaldi G, Conte C, Milano E, Giacomelli L. Photoprotective and antioxidant effects of a standardised olive (Olca europa) extract in healthy volunteers. *Esper Derm* 2016; in press.
- Sacco R, Giacomelli L, Marceglia S, Conte C. Beneficial and detrimental effects of natural dietary products on the risk of hepatocellular carcinoma, and their role in its management. *Hepatology Res* 2016; in press.
- Pusceddu S, Buzzoni R, Vernieri C, Concas L, Marceglia S, Giacomelli L, Milione M, Leuzzi L, Femia D, Mazzaferro V, and de Braud F. Metformin with everolimus and octreotide in pancreatic neuroendocrine tumor patients with diabetes. *Future Oncol* 2016;12:1251-60.
- Franceschi F, Feregalli B, Togni S, Cornelli U, Giacomelli L, Eggenhoffner R, Belcaro G. A novel phospholipid delivery system of curcumin (Meriva®) preserves muscular mass in healthy aging subjects. *Eur Rev Med Pharm Sci* 2016; *Eur Rev Med Pharmacol Sci* 2016;20:762-6.
- Di Pierro F, Togni S, Franceschi F, Eggenhoffner R, Giacomelli L. Effects of standardized Ginkgo biloba extract complexed with phosphatidylserine (Virtiva®) on physiological response to prolonged, intense physical activity. *Minerva Ortop Traumatol* 2016; in press.
- Sacco R, Conte C, Tumino E, Parisi G, Marceglia S, Metrangolo S, Eggenhoffner R, Bresci G, Cabibbo G, Giacomelli L. Transarterial radioembolization (TARE) for hepatocellular carcinoma: a review. *J Hepatocell Carc* 2016;3:25-9.
- Pellegrini L, Milano E, Franceschi F, Belcaro G, Gizzi G, Feregalli B, Dugall M, Luzzi R, Togni S, Eggenhoffner R, Giacomelli L. Managing Ulcerative Colitis in remission phase: usefulness of Casperome®, an innovative lecithin-based delivery system of Boswellia serrata extract. *Eur Rev Med Pharmacol Sci* 2016;20:2695-700.
- Maramaldi G, Giacomelli L, Meneghin M, Eggenhoffner R, Togni S. Effectiveness of a multi-component lotion in the control of hair loss. *Esperienze Dermatologiche* 2016; in press.
- Togni S, Maramaldi G, Pagnin I, Cattaneo R, Eggenhoffner R, Giacomelli L. Quercetin-phytosome 2% cream: evaluation of the potential photoirritant and sensitizing effects. *Esperienze Dermatologiche* 2016; in press.

- Sacco R, Eggenhoffner R, Giacomelli L. Glutathione in the treatment of liver diseases: insights from clinical practice. *Minerva Gastroenterol Dietol* 2016;62:316-324.
- Belcaro G, Dugall M, Maramaldi G, Togni S, Giacomelli L. Evaluation of the efficacy of a new aescin-based, multi-component formulation in reducing eyelid edema. *Minerva Ofalmol*, in press.
- Belcaro G, Dugall M, Maramaldi G, Togni S, Giacomelli L. Under-eye bags in healthy subjects: evaluation of the effects of a new aescin-based cosmetic cream in an eight-week study. *Minerva Ofalmol*, in press.
- Franceschi F, Togni S, Belcaro G, Dugall M, Luzzi R, Ledda A, Pellegrini L, Eggenhoffner R, Giacomelli L. A novel lecithin based delivery form of Boswellic acids (Casperome®) for the management of osteo-muscular pain: a registry study in young rugby players. *Eur Rev Med Pharmacol Sci* 2016;20:4156-4161.
- Hu S, Belcaro G, Dugall M, Hosoi M, Togni S, Maramaldi G, Giacomelli L. Aescin-based topical formulation to prevent foot wounds and ulcerations in diabetic microangiopathy. *Eur Rev Med Pharmacol Sci* 2016;20:4337-4342.
- Salatino S, Giacomelli L, Carnevali I, Giacomelli E. The role of natural galactagogues during breast feeding. Focus on a Galega officinalis based food supplement. *Minerva Pediatr* 2016, in press.
- Milione M, Maisonneuve P, Pellegrinelli A, Pusceddu S, Centonze G, Dominoni F, Brambilla C, Rubino M, Faggiano A, Buzzoni R, Concas L, Giacomelli L, Coppa J, Mazzaferro V, de Braud F. Loss of succinate dehydrogenase subunit B (SDHB) as a prognostic factor in advanced ileal well-differentiated neuroendocrine tumors. *Endocrine* 2017, in press.
- Pagin I, Togni S, Maramaldi G, Cattaneo R, Caccia G, Eggenhoffner R, Giacomelli L. Anti-aging effects of a novel sericoside 0.5% cream in reducing skin wrinkles and ameliorating skin texture. *Esperienze Dermatologiche* 2017, in press.
- Togni S, Maramaldi G, Meneghin M, Giacomelli L, Eggenhoffner R. Effective oral treatment for scalp disorders: results from a double blind, placebo-controlled study. *Esperienze Dermatologiche* 2017, in press.
- Ledda A, Belcaro G, Dugall M, Feragalli B, Riva A, Togni S, Giacomelli L. Supplementation with high titer cranberry extract (Anthocran®) for the prevention of recurrent urinary tract infections in elderly men suffering from moderate prostatic hyperplasia: a pilot study. *Eur Rev Med Pharmacol Sci* 2016;20:5205-5209.

Selected oral communications at international meetings

- Giacomelli L, Marconcini S, Sivozhelezov V, Barone A, Covani U. Bioinformatics predictions of leader genes in human periodontitis. 97th symposium of American Academy of Periodontitis, San Diego, 17-20 September 2006.
- Giacomelli L, Sivozhelezov V, Orlando B, Chiappe G, Derchi G, Barone A, Covani U. Periodontitis association with diabetes and heart ischemia: a data-mining study. IADR's 86th General Session and Exhibition, Toronto, 2-5 July 2008.
- Giacomelli L, Chiappe G, Marconcini S, Barone A, Covani U. Association Between Oral Lichen Planus and Oral Carcinoma: a data-mining study. IADR's 87th General Session and Exhibition, Miami, 1-4 April 2009.
- Giacomelli L, Chiappe G, Derchi G, Barone A, Covani U. Genomic control of the osteoblast cell cycle after the interaction with bioactive glasses: a data-mining study. 12th CCT international meeting, Faenza, 19-22 May 2009.

Invited Chairman at international meetings

- IADR's 87th General Session and Exhibition, Miami, 1st-4th April 2009.
- 12-13th CCT international meeting, Faenza, 19th-22th May 2009 and 19-22 19th-22th May 2011.
- 1st Biomah Meeting, Rome, 16-20th October 2016.

Ai sensi del DLgs 196/2003, il sottoscritto autorizza l'A.O.U.P. al trattamento dei dati personali forniti, nell'ambito delle finalità istituzionali della stessa.

Luogo e data