

## **Prof. Giovanni Capelli, M.D. – Curriculum vitae**

Born in Imola (BO) on May, 10th 1965.

Graduated in Medicine and Surgery at the School of Medicine of the Catholic University of the Sacred Heart in Rome in 1990.

Specialised in Hygiene and Preventive Medicine at the School of Medicine of the Catholic University of the Sacred Heart in Rome in 1994.

Assistant Professor of Hygiene in Catholic University, March 1993 - October 2001.

Associate Professor of Hygiene at the University of Cassino November 2001 – June 2003, Faculty of Humanities and Literature, July 2003- February 2005, Faculty of Sport Sciences.

Full Professor of Hygiene at the University of Cassino since March 2005, Faculty of Sport Sciences, Department of Health and Sport Sciences and Department of Human Sciences, Society and Health, University of Cassino and Southern Lazio (since March 2012).

Dean of Curriculum for the Sport Sciences Bachelor and Master Degree, University of Cassino, November 2002 – April 2006.

Dean of Curriculum for the Nursing Bachelor Degree, University Sapienza, Rome, in agreement with the University of Cassino, November 2011 - November 2012.

Dean of the School of Sport Sciences, University of Cassino from May 2006 to February 2012.

Teacher of Statistics and Informatics, Biostatistics, Health Informatics, Disease Management, Introduction to the use of statistical packages, at Catholic University of the Sacred Heart in Rome.

Teacher of Hygiene and Public Health and Epidemiology in the University of Cassino.

Member of the Istitutional Review Board, Teaching Hospital “A. Gemelli” at Catholic University of the Sacred Heart in Rome since 2000 until 2006, and actual member of the Istitutional Review Boards of IRCSS Neuromed in Pozzilli (IS), of the IRCCS San Raffele Pisana in Rome, and of “S. Anna and S. Sebastiano” Hospital in Caserta, as expert of Epidemiology and Biostatistics.

Chair of Regional Committee of the Scientific Society S.It.I. (Italian Society of Hygiene), Lazio Committee, years 2011-2012.

Member of the Medical Commission of WBF (World Bridge Federation) since 2012.

His research focused mainly on the following topics:

- Indoor Air Quality
- Health-Related Quality of Life (HR-QoL) measurement in various clinical and healthy populations
- Statistical and epidemiologic methods applied to risk factors and treatment evaluation in Oncology
- Good practices aimed to prevention and health promotion through sport, physical activity and active lifestyles adoption

Main Scientific Coordinator of the National Research Program PRIN-COFIN, co-financed by the Ministry of Education and Research (FY 2005) “Clinical, nursing and management outcomes in patients undergoing major surgery: role of care intensity, monitoring of clinical and instrumental parameters, genetical

susceptibility and care protocols standardization”, in partnership among University of Cassino, University “Campus Biomedico”, Rome, Polytechnic University, Milan, and Catholic University, Rome.

Chair of Advisory Group for the SANTE european project, held by International Sports and Culture Association (ISCA, DK), co-financed by the European Commission’s DG Education & Culture (2010-2011), in the framework of the “2009 Preparatory Action in the Field of Sport”.

Chair of the Cassino Research Unit in the three-year project “MOVE”, co-ordinated by ISCA, co-financed by the European Commission’s Executive Agency for Health and Consumers, in the framework of the “Health Programme 2008-2013: Together for health”.

Statistical reviewer for the international journals Endoscopy and Italian Journal of Public Health (now renamed EBPH- Epidemiology, Biostatistics and Public Health).

Author and co-author of about 150 scientific reports published in international and national journals or Conference paper books, of which 55 papers in journals with I.F. (Career H-Index after Thomson-Reuters Web of Science: 20; Career H-index after Wiley SciVerse Scopus: 21)

## Main Scientific Papers

1. *Sánchez-Castañeda, C., Cherubini, A., Elifani, F., Péran, P., Orobello, S., Capelli, G., Sabatini, U., Squitieri, F. (2013), Seeking huntington disease biomarkers by multimodal, cross-sectional basal ganglia imaging, Human Brain Mapping 34 (7), pp. 1625-1635*
2. *Federico, B., Falese, L., Marandola, D., Capelli, G. (2013), Socioeconomic differences in sport and physical activity among Italian adults, Journal of Sports Sciences 31 (4), pp. 451-458*
3. *Federico, B., Capelli, G., Costa, G., Mackenbach, J.P., Kunst, A.E. (2012), Looking at the smoking epidemic through the lens of population pyramids: Sociodemographic patterns of smoking in Italy, 1983 to 2005, Population Health Metrics 10, art. no. 23*
4. *Federico, B., Damiani, G., Scopelliti, L., Venditti, A., Ronconi, A., Errico, A., De Sanctis, G., (...), Ricciardi, W. (2012), Can public health researchers effectively communicate their findings? An evaluation of graph use at the 2006 European Conference on Public Health, Journal of Public Health (Germany) 20 (3), pp. 213-218*
5. *Federico B., D'Aliesio F., Pane F., Capelli G., Rodio A. (2011). Body mass index has a curvilinear relationship with the percentage of body fat among children. BMC RESEARCH NOTES, vol. 4, p. 301-303, ISSN: 1756-0500, doi: 10.1186/1756-0500-4-301*
6. *DEL POETA G, AMMATUNA E, LAVORGNA S, CAPELLI G, ZAZA S, LUCIANO F, OTTONE T, DEL PRINCIPE MI, BUCCISANO F, MAURILLO L, PANETTA P, DE FABRITIIS P, STASI R, VENDITTI A, AMADORI S, LO COCO F (2010). The genotype nucleophosmin mutated and FLT3-ITD negative is characterized by high bax/bcl-2 ratio and favourable outcome in acute myeloid leukaemia. BRITISH JOURNAL OF HAEMATOLOGY, vol. Feb 8 [Epub ahead of print], ISSN: 0007-1048*
7. *B. FEDERICO, FALESE L, CAPELLI G (2009). Socio-economic inequalities in physical activity practice among Italian children and adolescents - A cross sectional study. ZEITSCHRIFT FÜR GESUNDHEITSWISSENSCHAFTEN, vol. 17, p. 377-384, ISSN: 0943-1853*
8. *CATTANI P, ZANNONI GF, RICCI C, D'ONGHIA S, TRIVELLIZZI IN, DI FRANCO A, VELLONE, VG, DURANTE M, FADDA G, SCAMBIA G, G. CAPELLI, DE VINCENZO R (2009). Clinical performance of*

- HPV E6 and E7 mRNA testing for high grade lesions of the cervix. *JOURNAL OF CLINICAL MICROBIOLOGY*, vol. 47, p. 3895-3901, ISSN: 0095-1137, doi: 10.1128/JCM.01275-09
9. DEL POETA G, DEL PRINCIPE MI, BUCCISANO F, MAURILLO L, G. CAPELLI, LUCIANO F, PIO PERROTTI A, DEGAN M, VENDITTI A, DE FABRITIIS P, GATTEI V, AMADORI S (2008). Consolidation and maintenance immunotherapy with rituximab improve clinical outcome in patients with B-cell chronic lymphocytic leukemia.. *CANCER*, vol. 112, p. 119-128, ISSN: 0008-543X, doi: 10.1002/cncr.23144
  10. DISTEFANO M, RICCARDI S, G. CAPELLI, COSTANTINI B, PETRILLO M, RICCI C, SCAMBIA G, FERRANDINA G (2008). Quality of life and psychological distress in locally advanced cervical cancer patients administered pre-operative chemoradiotherapy. *GYNECOLOGIC ONCOLOGY*, vol. 111, p. 144-150, ISSN: 0090-8258, doi: 10.1016/j.ygyno.2008.06.034
  11. CAPELLI G, DE BELVIS A.G, LISTA V, VOLPE M, ZAPPIA F, ZUCCHI A (2008). Come comunicare i risultati?. In: DE BELVIS A.G., VOLPE M.. *La Relazione Sanitaria: dalle informazioni alle decisioni. Guida pratica per il management e gli operatori delle Aziende Sanitarie.* p. 151-208, Il Pensiero Scientifico Editore, ISBN: 978-88-490-0216-4
  12. ANGELI A, GUGLIELMI G, DOVIO A, G. CAPELLI, DE FEO D, GIANNINI S, GIORGINO R, MORO L, GIUSTINA A (2006). High prevalence of asymptomatic vertebral fractures in post-menopausal women receiving chronic glucocorticoid therapy: a cross-sectional outpatient study.. *BONE*, vol. 39, p. 253-259, ISSN: 8756-3282, doi: 10.1016/j.bone.2006.02.005
  13. DI STASI SM, GIANNANTONI A, GIURIOLI A, VALENTI M, ZAMPA G, STORTI L, ATTISANI F, DE CAROLIS A, G. CAPELLI, VESPASIANI G, STEPHEN RL (2006). Sequential BCG and electromotive mitomycin versus BCG alone for high-risk superficial bladder cancer: a randomised controlled trial.. *LANCET ONCOLOGY*, vol. 7, p. 43-51, ISSN: 1470-2045, doi: 10.1016/S1470-2045(05)70472-1
  14. DEL POETA G, DEL PRINCIPE MI, CONSALVO MA, MAURILLO L, BUCCISANO F, VENDITTI, A, MAZZONE C, BRUNO A, GIANNI L, G. CAPELLI, LO COCO F, CANTONETTI M, GATTEI V, AMADORI S (2005). The addition of rituximab to fludarabine improves clinical outcome in untreated patients with ZAP-70-negative chronic lymphocytic leukemia.. *CANCER*, vol. 104, p. 2743-2752, ISSN: 0008-543X, doi: 10.1002/cncr.21535
  15. NUZZO G, GIULIANTE F, GIOVANNINI I, ARDITO F, D'ACAPITO F, VELLONE M, MURAZIO M, G. CAPELLI (2005). Bile duct injury during laparoscopic cholecystectomy: results of an Italian national survey on 56 591 cholecystectomies.. *ARCHIVES OF SURGERY*, vol. 140, p. 986-992, ISSN: 0004-0010, doi: 10.1001/archsurg.140.10.986
  16. DI STASI S.M., GIANNANTONI A., STEPHEN R.L., G. CAPELLI, GIURIOLI A., JANNINI E.A., VESPASIANI G. (2004). A prospective, randomized study using transdermal electromotive administration of verapamil and dexamethasone for Peyronie's disease. *THE JOURNAL OF UROLOGY*, vol. 171, p. 1605-1608, ISSN: 0022-5347, doi: 10.1097/01.ju.0000116450.82816.2c
  17. S.M. DI STASI, A. GIANNANTONI, R.L. STEPHEN, G. CAPELLI, P. NAVARRA, R. MASSOUD, G. VESPASIANI (2003). Intravesical electromotive mitomycin C versus passive transport mitomycin C for high risk superficial bladder cancer: a prospective randomized study. *THE JOURNAL OF UROLOGY*, vol. 170, p. 777-782, ISSN: 0022-5347
  18. L. TEOFILI, M. MARTINI, L.M. LUONGO, D. DIVERIO, G. CAPELLI, M. BRECCIA, F. LO COCO, G. LEONE, L.M. LAROCCA (2003). Hypermethylation of GpG islands in the promoter region of p15(INK4b) in

- acute promyelocytic leukemia represses p15(INK4b) expression and correlates with poor prognosis. LEUKEMIA, vol. 17, p. 919-924, ISSN: 0887-6924*
19. A. SGAMBATO, M. MIGALDI, M. MONTANARI, A. CAMERINI, A. BRANCACCIO, G. ROSSI, R. CANGIANO, C. LOSASSO, G. CAPELLI, G.P. TRENTINI, A. CITTADINI (2003). *Dystroglycan expression is frequently reduced in human breast and colon cancers and is associated with tumor progression. AMERICAN JOURNAL OF PATHOLOGY, vol. 162, p. 849-860, ISSN: 0002-9440*
  20. G. CAPELLI, DE VINCENZO RI, ADDAMO A, BARTOLOZZI F, BRAGGIO N, SCAMBIA G (2002). *Which dimensions of health-related quality of life are altered in patients attending the different gynecologic oncology health care settings?. CANCER, vol. 95(12), p. 2500-7, ISSN: 0008-543X*
  21. F. CREMONINI, S. DI CARO, E.C. NISTA, F. BARTOLOZZI, G. CAPELLI, G. GASBARRINI, A. GASBARRINI (2002). *Meta-analysis: the effect of probiotic administration on antibiotic-associated diarrhoea. ALIMENTARY PHARMACOLOGY & THERAPEUTICS, vol. 16, p. 1461-1467, ISSN: 0269-2813*
  22. A. SGAMBATO, M. MIGALDI, B. FARAGLIA, G. DE ALOYSIO, P. FERRARI, R. ARDITO, C. DE GAETANI, G. CAPELLI, A. CITTADINI, G.P. TRENTINI (2002). *Cyclin D1 expression in papillary superficial bladder cancer: its association with other cell cycle-associated proteins, cell proliferation and clinical outcome. INTERNATIONAL JOURNAL OF CANCER, vol. 97, p. 671-678, ISSN: 0020-7136*
  23. G. NUZZO, F. GIULIANTE, I. GIOVANNINI, M. VELLONE, G. DE COSMO, CAPELLI G (2001). *Liver resections with or without pedicle clamping. THE AMERICAN JOURNAL OF SURGERY, vol. 181(3), p. 46-238, ISSN: 0002-9610*
  24. G. DEL POETA, L. MAURILLO, A. VENDITTI, F. BUCCISANO, A.M. EPICENO, CAPELLI G, A., TAMBURINI, G. SUPPO, A. BATTAGLIA, M.I. DEL PRINCIPE, B. DEL MORO, M. MASI, S. AMADORI (2001). *Clinical significance of CD38 expression in chronic lymphocytic leukemia. BLOOD, vol. 98, p. 2633-2639, ISSN: 0006-4971*
  25. S.M. DI STASI, A. GIANNANTONI, P. NAVARRA, CAPELLI G, L. STORTI, M. PORENA, R.L. STEPHEN (2001). *Intravesical oxybutynin: mode of action assessed by passive diffusion and electromotive administration with pharmacokinetics of oxybutynin and N-desethyl oxybutynin. THE JOURNAL OF UROLOGY, vol. 166, p. 2232-2236, ISSN: 0022-5347*
  26. DI STASI S.M., GIANNANTONI A. VESPASIANI G., NAVARRA P., CAPELLI G, MASSOUD R., STEPHEN R.L. (2001). *Intravesical electromotive administration of oxybutynin in patients with detrusor hyperreflexia unresponsive to standard anticholinergic regimens. THE JOURNAL OF UROLOGY, vol. 165, p. 491-498, ISSN: 0022-5347*
  27. G. ROMANO, A. SGAMBATO, R. MANCINI, CAPELLI G, M.R. GIOVAGNOLI, G. FLAMINI, A. BONINSEGNA, A. VECCHIONE, A. CITTADINI (2000). *8-Hydroxy-2'-deoxyguanosine in cervical cells: correlation with grade of dysplasia and human papillomavirus infection. CARCINOGENESIS, vol. 21, p. 1143-1147, ISSN: 0143-3334*
  28. A. SGAMBATO, M. MIGALDI, P. LEOCATA, L. VENTURA, M. CRISCUOLO, C. DI GIACOMO, CAPELLI G, A. CITTADINI, C. DE GAETANI (2000). *Loss of p27Kip1 expression is a strong independent prognostic factor of reduced survival in N0 gastric carcinomas. CANCER, vol. 89, p. 2247-2257, ISSN: 0008-543X*
  29. G. CAPELLI, D'ABRAMO G. (a cura di) (2000). *Biostatistica: quello che avreste voluto sapere.... Di NORMAN G.R.; STREINER D.L.. p. 1-260, MILANO:C.E.A., ISBN: 8840810439*

30. G. ROMANO, A. SGAMBATO, A. BONINSEGNA, G. FLAMINI, G. CURIGLIANO, Q. YIANG, V. LA GIOIA, C. SIGNORELLI, A. FERRO, CAPELLI G, R.M. SANTELLA, A. CITTADINI (1999). *Evaluation of Polycyclic Aromatic Hydrocarbon-DNA Adducts in Exfoliated Oral Cells by an Immunohistochemical Assay*. *CANCER EPIDEMIOLOGY BIOMARKERS & PREVENTION*, vol. 8, p. 91-96, ISSN: 1055-9965
31. SGAMBATO, M. MIGALDI, B. FARAGLIA, L. GARAGNANI, G. ROMANO, C. DE GAETANI, P. FERRARI, CAPELLI G, G.P. TRENTINI, A. CITTADINI (1999). *Loss of P27Kip1 Expression Correlates with Tumor Grade and with Reduced Disease-free Survival in Primary Superficial Bladder Cancers*. *CANCER RESEARCH*, vol. 59, p. 3245-3250, ISSN: 0008-5472
32. FLAMINI G., ROMANO G., CURIGLIANO G., CHIMINTO A., CAPELLI G, BONINSEGNA A., SIGNORELLI C. VENTURA L., SANTELLA R.M., SGAMBATO A., CITTADINI A. (1998). *4-Aminobiphenyl-DNA adducts in laryngeal tissue and smoking habit - an immunoistochemical study*. *CARCINOGENESIS*, vol. 19, p. 353-357, ISSN: 0143-3334
33. CATANANTI C., DAMIANI G., G. CAPELLI (1997). *Buildings for Health Care Facilities*. In: MAGER STELLMAN J.. *Encyclopaedia of Occupational Health and Safety, Fourth edition*. vol. 3 (XVII), p. 97.55-97.59, GENEVA:ILO - International Labour Office, ISBN: 92-2-109203-8
34. DAMIANI G., VOLPE M., CAPELLI G, ABBRITTI G., MUZI G., ROSSI M., DEL GUERRA P., LOI F. (1996). *Cost assessment of the Sick Hospital Syndrome: a case study*. In: MARONI M.. *Ventilation and indoor air requirements in hospitals*. p. 239-247, Kluwer Academic Publishers, ISBN: 0-7923-4076-0