

RECENT PUBLICATION

(more relevant since 2006)

2015

1. P Rancoita, M Valberg, R Dermicheli, E Biganzoli and C Di Serio, "Tumor dormancy and frailty models: a novel approach", under second revision **Biometrics**, 2015.
2. Filippo Trentini, Matteo Malgaroli, Anne Linda Camerini, Clelia Di Serio, Peter Schulz, "Multivariate determinants of self-management in Health Care: assessing Health Empowerment Model by comparison between structural equation and graphical models approaches" **Epidemiology Biostatistics and Public Health** Vol 12, Issue 1 2015
3. Mickael Lelek, Nicoletta Casartelli, Danilo Pellin, Ermanno Rizzi, Marco Severgnini, Clelia Di Serio, Thomas Fricke, Felipe Diaz-Griffero, Christophe Zimmer, Pierre Charneau, and Francesca Di Nunzio "Chromatin organization at the nuclear pore favours HIV replication" , **Nature**, Vol 6, February 2015
4. Rossella Baldan, Paola Maria Vittoria Rancoita, Clelia Di Serio, and Daniela Maria Cirillo, "Epidemic MRSA clone ST22-IV is more resistant to multiple host- and environment-related stresses compared with ST228-I", **Journal of antibiotic chemotherapy**, Vol 70, issue 3, 2015

2014

1. Baldan R, Cigana C, Testa F, Bianconi I, De Simone M, Pellin D, Di Serio M, Bragonzi A, Cirillo DM. (2014). Adaptation of *Pseudomonas aeruginosa* in Cystic Fibrosis airways influences virulence of *Staphylococcus aureus* in vitro and murine models of co-infection. **PLOS ONE**, vol. 9, ISSN: 1932-6203, doi: 10.1371
2. Danilo Pellin, Clelia Di Serio (February 2014), "Clusters Identification in Binary Genomic Data: The Alternative Offered by Scan Statistics Approach", **Lecture Notes in Computer Science Volume** 8452, pp 149-158

3. Brombin, C., Di Serio M, Rancoita, P. M. V (2014). Joint modeling of HIV data in multicentre observational studies: a comparison among different approaches. **STATISTICAL METHODS IN MEDICAL RESEARCH**, vol. 23, ISSN: 0962-2802, doi: 10.1177/0962280214526192
4. Pietro Ciampi, Celeste Scotti, Alessandro Nonis, Matteo Vitali, Di Serio M, Giuseppe M Peretti, Gianfranco Fraschini (2014). The Benefit of Synthetic Versus Biological Patch Augmentation in the Repair of Posterosuperior Massive Rotator Cuff Tears: A 3-Year Follow-up Study. **THE AMERICAN JOURNAL OF SPORTS MEDICINE**, vol. 42, p. 1169-1175, ISSN: 0363-5465
5. Daniela Cesana, Marco Ranzani, Monica Volpin, Cynthia Bartholomae, Caroline Duros, Alexandre Artus, Stefania Merella, Fabrizio Benedicenti, Lucia Sergi Sergi, Francesca Sanvito, Chiara Brombin, Alessandro Nonis, Di Serio M, Claudio Doglioni, Christof von Kalle, Manfred Schmidt, Odile Cohen-Haguenaer, Luigi Naldini, Eugenio Montini (2014). Uncovering and dissecting the genotoxicity of self-inactivating lentiviral vectors in vivo. **MOLECULAR THERAPY**, vol. 22, ISSN: 1525-0016

2013

1. Brombin, C., Diomedede, L., Tudor, D., Drillet, A. S., Pastori, C., Poli, E., Ri-va, A., Uberti-Foppa, C., Galli, M., Di Serio, C., Bomsel, M. and Lopalco, L. (2013). A nonparametric procedure for defining a new humoral immunological profile in a pilot study on HIV infected patients. **PLoS One** 8:e58768. DOI: 10.1371/journal.pone.0058768.
2. Alessandra Biffi, Eugenio Montini, Laura Lorioli, Martina Cesani, Francesca Fumagalli, Tiziana Plati, Cristina Baldoli, Sabata Martino, Andrea Calabria, Sabrina Canale, Fabrizio Benedicenti, Giuliana Vallanti, Luca Biasco, Simone Leo, Nabil Kabbara, Gianluigi Zanetti, William B. Rizzo, Nalini A. L. Mehta, Maria Pia Cicalese, Miriam Casiraghi, Jaap J. Boelens, Ubaldo Del Carro, David J. Dow, Manfred Schmidt, Andrea Assanelli, Victor Neduva, Clelia Di Serio, Elia Stupka, Jason Gardner, Christof von Kalle, Claudio Bordignon, Fabio Ciceri, Attilio Rovelli, Maria Grazia Roncarolo, Alessandro Aiuti, Maria Sessa, and Luigi Naldini, "Lentiviral Hematopoietic Stem Cell Gene Therapy Benefits Metachromatic Leukodystrophy". **Science** 23 August 2013: 1233158, Published online 11 July 2013
3. Alessandro Aiuti, Luca Biasco, Samantha Scaramuzza, Francesca Ferrua, Maria Pia Cicalese, Cristina Baricordi, Francesca Dionisio, Andrea Calabria, Stefania Giannelli, Maria Carmina Castiello, Marita Bosticardo, Costanza Evangelio, Andrea Assanelli, Miriam Casiraghi, Sara Di Nunzio, Luciano Callegaro, Claudia Benati, Paolo Rizzardi, Danilo Pellin, Clelia Di Serio, Manfred Schmidt, Christof Von Kalle, Jason Gardner, Nalini Mehta, Victor

Neduva, David J. Dow, Anne Galy, Roberto Miniero, Andrea Finocchi, Ayse Metin, Pinaki P. Banerjee, Jordan S. Orange, Stefania Galimberti, Maria Grazia Valsecchi, Alessandra Biffi, Eugenio Montini, Anna Villa, Fabio Ciceri, Maria Grazia Roncarolo, and Luigi Naldini, "Lentiviral Hematopoietic Stem Cell Gene Therapy in Patients with Wiskott-Aldrich Syndrome". **Science** **23 August 2013**: 1233151 Published online 11 July 2013

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2. Miotto P, Forti F, Ambrosi A, Pellin D, Veiga DF, Gabor Balazsi, Maria L. Gennaro, Clelia Di Serio, Daniela Ghisotti, Daniela M. Cirillo (2012), "Genome-Wide Discovery of Small RNAs in Mycobacterium tuberculosis". **PLoS ONE** 7(12): e51950. doi:10.1371/journal.pone.0051950
3. Capotondo A, Milazzo R, Politi LS, Quattrini A, Palini A, Plati T, Merella S, Nonis A, Di Serio C, Montini E, Naldini L, Biffi A. "Brain conditioning is instrumental for successful microglia reconstitution following hematopoietic stem cell transplantation", **PNAS** 2012 Aug 23. doi: 10.1073/pnas.1205858109
4. Brombin, C., Di Serio, C. (2012) Evaluating treatment effect within a multivariate stochastic ordering framework: NPC methodology applied to a study on Multiple Sclerosis. **Statistical Methods in Medical Research**. DOI: 10.1177/0962280212454203. Article published online before print.
5. Brombin, C., Di Serio, C. and Crippa, M. (2012) Modeling cancer cells growth. **Communications in Statistics-Theory and Methods**. Special Issue-Statistics for complex problems, 41, 3043-3059.
6. Cantore, A., Nair, N., Della Valle, P., Di Matteo, M., Màtrai, J., Sanvito, F., Brombin, C., Di Serio, C., D'Angelo, A., Chuah, M., Naldini, L., VandenDries-sche, T. (2012) Hyper-functional coagulation factor IX improves the efficacy of gene therapy in hemophilic mice. **Blood**. 120, 4517-20. DOI: 10.1182/blood- 2012-05-432591.

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3. Alessandro Ambrosi, Ingrid K. Glad, Danilo Pellin, Claudia Cattoglio, Fulvio Mavilio, Clelia Di Serio, Arnaldo Frigessi: Estimated Comparative Integration Hotspots Identify Different Behaviors of Retroviral Gene Transfer Vectors. **PLoS Computational Biology** 7(12): (2011).
4. Abigail F. Welford, Daniela Biziato, Seth B. Coffelt, Silvia Nucera, Matthew Fisher, Ferdinando Pucci, Clelia Di Serio, Luigi Naldini, Michele De Palma, Gillian M. Tozer and Claire E. Lewis, (2011) "TIE2-Expressing Macrophages Limit the Therapeutic Efficacy of the Vascular Disrupting Agent, Combretastatin-A4-Phosphate in Mice", **Journal of Clinical Investigation.**
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