



Curriculum Vitae

Personal information **Daniele Focosi**

Work experience

1. Employer: Pisa University Hospital, North_Western Tuscany Blood Bank
 - Start date: 112014
 - End date: current
 - Position: Staff physician
 - Activities: Production manager according to GPG, vice-director
 - Country: Italy
2. Employer: Pisa University Hospital
 - Start date: 032014
 - End date: 112014
 - Position: Division of Virology
 - Activities:
 - Country: Italy
3. Employer: Collegio Ghislieri
 - Start date: 2010
 - End date: 2010
 - Position: Researcher
 - Activities: project entitled "JCV infection in bone marrow of haematological patients treated with rituximab : retrospective multicentre study to determine the role in the development of progressive multifocal leukoencephalopathy Contractor of the Associazione Italiana per la lotta alle Leucemia (AIL) (Italian Society against leukemia), Pisa section, since March 12 2010 to March 31 2010.
 - Country: Italy
4. Employer: Pisa University Hospital, Division of Transfusion Medicine and Transplant Biology
 - Start date: 2010
 - End date: 2014
 - Position: Physician
 - Activities: Staff physician (badge number 12357, enrollment number 35408) since 10 May 2012 to March 14, 2014 (AOUP determination no. 436/2012 dated 23/04/2012, renewed by AOUP determinations no. 1231 dated 14/12/2012 and 1044 dated 20/11/2013) □ Consultant physician since 26 May 2010 to 25 May 2011 (AOUP determination no. 464/2010 dated 10/05/2010) and since 14 June 2011 to 8 May 2012 (AOUP determination no. 556/2011 dated 23/05/2011). • transplant immunologist and immunogenetist at the Laboratory of Immunogenetics
 - Country: Italy

Education and training

1. Subject: University of Pisa
 - Start date: 2014
 - End date: 2014
 - Qualification: M.S
 - Organisation: Clinical trials and therapeutics development in oncology/hematology _ Pisa+ "
 - Country: Italy
2. Subject: University of Pisa
 - Start date:
 - End date:
 - Qualification: Ph.D.
 - Organisation: Clinical and Fundamental Virology program
 - Country: Italy
3. Subject:
 - Start date: 2006
 - End date: 2009
 - Qualification: Professional abilitation (M.D.)
 - Organisation: Attendance of laboratories of the Molecular Immunology group of the International Centre for Genetic Engineering and Biotechnology (ICGEB) in Trieste, Italy (led by Prof. Oscar Roberto Burrone), with a special interest in preclinical models of anti_idiotype vaccination for B_cell lymphomas M.D. with full grades (110/110 magna cum laude) on July 20, 2005, with experimental thesis entitled "Therapeutic anti_idiotype DNA vaccination for lymphoid malignancies" (tutors : Prof.Mario Petrini, Director of Division of Hematology of A.O.U. Santa Chiara in Pisa, and Prof.Oscar Roberto Burrone, Molecular Immunology group leader, International Centre for Genetic Engineering and Biotechnology (ICGEB), Trieste)
 - Country: Italy
4. Subject: University of Pisa
 - Start date: 2006
 - End date: 2009
 - Qualification: Specialization in Hematology
 - Organisation:
 - Country: Italy
5. Subject: Liceo Scientifico Ettore Majorana
 - Start date: 1995
 - End date: 1999
 - Qualification: high school diploma with scientific orientation
 - Organisation:

- Country: Italy

Additional information

Publications

Publications as first author on peer reviewed international journals (2017 IF) : 1. Focosi D, Petrinì M: More on donor_derived T_cell leukemia after bone marrow transplantation. *N Engl J Med* 355:212_3, 2006 (47.05) 2. Focosi D, Burrone O, Petrinì M: Anti_idiotypic DNA vaccination by gene gun in the murine BCL1 lymphoma model. *Haematologica* 91:91, 2006 (6.416) 3. Focosi D. An inactivated subvirion influenza A (H5N1) vaccine. *N Engl J Med* 354:2724_5, 2006 (47.05) 4. Focosi D. Incubation period of human prion disease. *Lancet* 368:913_4, 2006 (30.758) 5. Focosi D. Causes of chronic diarrhea. *N Engl J Med* 355:1833_4, 2006 (47.05) 6. Focosi D, Kast RE. Hyaluronate and risperidone for hemorrhagic cystitis. *Bone Marrow Transplantation*. 2007 Jan;39(1):57 (2.998) 7. Focosi D, Fazzi R, Montanaro D, Emdin M, Petrinì M. Progressive multifocal leukoencephalopathy in a haploidentical stem cell transplant recipient : a clinical, neuroradiological and virological response after treatment with risperidone. *Antiviral Research*. May;74(2):156_8 2006 (3.612) 8. Focosi D. Chaperonin 10 for rheumatoid arthritis. *Lancet* 2006 9551(368);1961 (30.758) 9. Focosi D. Risk in drug trials. *Lancet*. 2006 Dec 23;368(9554):2206 (30.758) 10. Focosi D, Kast RE, Petrinì M. Gliptins. *Lancet* 2007 Jan 27;369(9558):269_70 (30.758) 11. Focosi D. Acute myeloid leukemia. *Lancet* 2007 Feb 3;369(9559):367 (30.758) 12. Focosi D, Petrinì M. CD57 expression in lymphoma microenvironment as a new marker related to immune dysfunction. *J. ClinOncol*. 2007 Apr 1;25(10):1289_91 (17.793) 13. Focosi D, Kast RE, Maggi F, Ceccherini_Nelli L, Petrinì M. Risperidone_induced reduction in JC viruria as a surrogate marker for efficacy against progressive multifocal leukoencephalopathy and hemorrhagic cystitis. *J ClinVirol*. 2007 May;39(1):63_4 (3.124) 14. Focosi D, Kast RE, Maggi F, Vatteroni L, Ceccherini_Nelli L, Petrinì M. Hypothesis: Central nervous system delivery of cyclosporine A for therapy of progressive multifocal leukoencephalopathy. *J ClinVirol*. 2007 May 9 (3.124) 15. Focosi D, Petrinì M. Comment on "Germinal Center Helper T Cells Are Dual Functional Regulatory Cells with Suppressive Activity to Conventional CD4+ T Cells": *J.Immunol*. Jul 15;179(2):731_2007 (5.646) 16. Focosi D, Galimberti S, Petrinì M. Acute myeloid leukaemia and follicular lymphoma after very low dose radioiodine therapy for thyroid diseases. *Haematologica*. 2007 Sep;92(9):e96_7 (6.416) 17. Focosi D. Smoldering multiple myeloma. *N Engl J Med*. 2007 Sep 6;357(10):1048_9 (47.05) 18. Focosi D, Caracciolo F, Galimberti S, Papineschi F, Petrinì M. Long_term propylthiouracil use and acute myeloid leukaemia : a case report and review of the literature. *Ann Hematol*. 2008 Mar;87(3):233_5 (2.919) 19. Focosi D, Kast RE, Petrinì M. JC viremia and multiple sclerosis. *J. Neurovirol*. 2008 Jan;14(1):85_6 (2.336) 20. Focosi D, Kast RE, Maggi F, Galimberti S, Ceccherini_Nelli L, Papineschi F, Petrinì M. Central nervous system graft_versus host disease: consider progressive multifocal leukoencephalopathy among the differential diagnoses. *Bone Marrow Transplant*. 2007 Dec;40(11):1095_6 (2.998) 21. Focosi D, Kast RE, Benedetti E, Papineschi F, Galimberti S, Petrinì M. Phenobarbital_associated bone marrow aplasia: a case report and review of the literature. *Acta Haematol*. 2008;119(1):18_21 (1.069) 22. Focosi D, Caracciolo F, Galimberti S, Papineschi F, Petrinì M.False positive PET scanning caused by inactivated influenza virus vaccination during complete remission from anaplastic T_cell lymphoma. *Ann Hematol*. 2008 Apr;87(4):343_4 (2.919) 23. Focosi D, Kast RE, Maggi F, Lauria G, Ceccherini_Nelli L, Petrinì M. 5-HT(2a) inhibitors for progressive multifocal leukoencephalopathy: old drugs for an old disease. *J Infect Dis*. 2008 Jan 15;197(2):328 (5.865) 24. Focosi D, Ceconi N, Boni G, Orciuolo E, Galimberti S, Petrinì M. Acute myeloid leukaemia after treatment with 90Y_ibrutinomab tiuxetan for follicular lymphoma. *HaematolOncol* 2008 Sep;26(3):179_81 (1.869) 25. Focosi D. Treatment for elderly patients with multiple myeloma. *Lancet*. 2008 Mar 22;371(9617):983_4 (30.758) 26. Focosi D, Kast RE, Galimberti S, Petrinì M. Conditioning response to granulocyte colony_stimulating factor via the dipeptidyl peptidase IV_adenosine deaminase complex. *J Leukoc Biol*. 2008 84(2):331_7 (4.403) 27. Focosi D, Kast RE, Metelli MR, Benedetti E, Galimberti S, Papineschi F, Petrinì M. Enhancement of hematopoietic stem cell engraftment by inhibition of CXCL12 proteolysis with sitagliptin, an oral dipeptidyl_peptidase IV inhibitor: A report in a case of delayed graft failure. *Leuk Res*. 2008 33(1):178_81 (2.358) 28. Focosi D, Kast RE, Maggi F, Ceccherini_Nelli L, Petrinì M. Sialic acid moieties and 5-HT(2a): two faces of the same receptor for JC virus ? *J ClinVirol*. 2008 43(1):132_133 (3.124) 29. Focosi D, Benedetti E, Maggi F, Papineschi F, Galimberti S, Ceccherini_Nelli L, Petrinì M. Preemptivevalganciclovir for cytomegalovirusinfection in hematologicalpatients. *TransplInf Dis* 2008 10(5):375_376 (2.063) 30. Focosi D. Smartphone utilities for infectious diseases specialists. *Clin Infect Dis* 2008 47(9):1234_5 (8.195) 31. Focosi D, Azzarà A, Kast R, Carulli G, Petrinì M. Lithium and hematology: established and proposed uses. *J LeukocBiol* 2008 85(1):20_8 (4.403) 32. Focosi D, Maggi F, Pistolesi D, Benedetti E, Papineschi F, Galimberti S, Ceccherini_Nelli L, Petrinì M. Hyperbaric oxygen therapy in BKV_associated hemorrhagic cystitis refractory to intravenous and intravesical difofovir : case report and review of the literature. *Leuk Res*. 2009 33(4):556_560 (2.358) 33. Focosi D, Kast RE, Maggi F, Ceccherini_Nelli L, Petrinì M. Lymphotropic polyomavirus and progressive multifocal leukoencephalopathy. *J ClinMicrobiol* 2009;47(1):284 (4.162) 34. Focosi D, Maggi F, Ceccherini_Nelli L, Marchi S, Petrinì M. Progressive multifocalleukoencephalopathy in autoimmune disorders. *Gut* 2009;58(4):605 (9.357) 35. Focosi D, Pelosini M, Palla P, Galimberti S, Caracciolo F, Benedetti E, et al. Hypercytokinemia_induced metabolic encephalopathy in a multiple myeloma patient on hemodialysis undergoing autologous hematopoietic stem cell transplantation: Clinical response after plasma exchange. *Transpl Immunol* 2009 Sep;21(4):240_3. (2.439) 36. Focosi D, Sordi E, Papineschi F, Benedetti E, Galimberti S, Petrinì M. Fatal ongoing human cytomegalovirus reactivation during high_dose melphalan and autologous stem cell transplantation. *J Med Virol* 2009;81(5):857_60 (2.47) 37. Focosi D. Does contrast enhancement predict survival in progressive multifocal leukoencephalopathy? *J Infect Dis* 2009 199(9):1410_1 (5.865) 38. Focosi D, Kast R, Maggi FC_N, L, Petrinì M. JC virus DNA in healthy brain tissue: A challenge for progressive multifocal leukoencephalopathy diagnosis. *AnnNeuro* 2009 65(2):230 (9.317) 39. Focosi D, Maggi F, Andreoli E, Lanini L, Ceccherini_Nelli L, Petrinì M. The role of bone marrowcells for JCV pathogenicity. *J ClinVirol* 2009 45(3):230_1 (3.124) 40. Focosi D, Maggi F, Andreoli E, Lanini L, Ceccherini_Nelli L, Petrinì M. Polyomavirusesotherthan JCV are notdetected in progressive multifocalleukoencephalopathy. *J ClinVirol* 2009 45(2):161_2 (3.124) 41. Focosi D. Bortezomib: the subtle line between drug_induced peripheral neuropathy and post_herpetic neuralgia. *Clin Lymphoma Myeloma*. 2009 Aug;9(4):E16_7 (3.105) 42. Focosi D, Bestagno M, Burrone O, Petrinì M. CD57+ T lymphocytes and functional immune deficiency. *J Leukoc Biol*. 2010 Jan;87(1):107_16 (4.128) 43. Focosi D, Maggi F, Albani M, Macera L, Ricci V, Gragnani S, Di Beo S, Ghimenti M, Antonelli G, Bendinelli M, Pistello M, Ceccherini_Nelli L, Petrinì M. Torquetenovirus viremia kinetics after autologous stem cell transplantation are predictable and may serve as a surrogate marker of functional immune reconstitution. *J ClinVirol*. 2010 Feb;47(2):189_92 (3.124) 44. Focosi D. Bone marrow aspiration and biopsy. *N Engl J Med*. 2010 Jan 14;362(2):182_3 (47.05) 45. Focosi D, Macdougall IC, Casadevall N, Eckardt KU. A Peptide_based erythropoietin_receptor agonist for pure red_cell aplasia. *N Engl J Med*. 2010 Feb 18;362(7):656_7 (47.05) 46. Focosi D. Concerns on unpredictable pharmacokinetics and pharmacodynamics of natalizumab. *Ann Neurol*. 2010 Feb;67(2):270 (9.317) 47. Focosi D, Tuccori M, Kast RE, Maggi F, Ceccherini_Nelli L, Petrinì M. Progressive multifocal leukoencephalopathy: what's new? *Neuroscientist*. 2010 Jun;16(3):308_23 (6.079) 48. Focosi D. Prophylactic platelet transfusions. *N Engl J Med*. 2010 Jun 3;362(22):2140_1; (47.05) 49. Focosi D, Kast RE. Improving imatinib delivery to central nervous system. *Intern Med J*. 2010 Apr;40(4):318_9 (0.115) 50. Focosi D, De Donno M, Barbuti S, Davini S, Fornaciari S, Curcio M, Mariotti ML, Scatena F. Cancer transmissibility across HLA barriers between immunocompetent individuals: Rare but not impossible. *Hum Immunol*. 2011 Jan;72(1):1_4 (2.55) 51. Focosi D, Ratner LE, Vistoli F, Boggi U. Organ transplantation after cardiac death. *Lancet*. 2011 Jan 15;377(9761):203_4 (30.758) 52. Focosi D, Vistoli F, Boggi U. Rejection of the kidney allograft. *N Engl J Med*. 2011 Feb 3;364(5):485_6 (47.05) 53. Focosi D, Zucca A, Scatena F. The Role of Anti_HLA Antibodies in Hematopoietic Stem Cell Transplantation. *Biol Blood Marrow Transplant*. 2011 Jun 16. (3.149) 54. Focosi D, Boggi U. Pretransplant screening for donor_specific antibodies and graft loss. *Transplantation*. 2011 Aug 27;92(4):e15. (3.498) 55. Focosi D, Maggi F, Pistello M, Boggi U, Scatena F. Immunosuppressive monoclonal antibodies : current and next generation. *ClinMicrob and Infection* 2010 Dec;17(12):1759_68. (4.014) 56. Focosi D, Boggi U. ATG brands and DSA. *Am J Transpl*, 2014 Mar;14(3):737 (6.192) 57. Focosi D. CDC crossmatch and C1qScreen in liver transplantation. *Transplantation*. 2014 May 27;97(10):e61 (3.498) 58. Focosi D, De Donno M, Pratesi F. Endogenous anti_C1q antibodies do not interfere with the C1qScreen™ assay. *Tissue Antigens*. 2014 May;83(5):356_7 (2.753) 59. Focosi D, Macera L, Pistello M, Maggi F. Torquetenovirus (TTV) viremia correlates with intensity of maintenance immunosuppression in adult orthotopic liver transplantation. *J Infect Dis*. 2014 Aug 15;210(4):667_8 (5.848) 60. Focosi D, Amabile G, Di Ruscio A, Quaranta P, Tenen DG, Pistello M. Induced pluripotent stem cells in hematology: current and future applications. *Blood Cancer Journal* (2014) 4, e211; (3.467) 61. Focosi D. CDC Crossmatch and C1qScreen in Liver Transplantation. *Transplantation*. 2014 May 27;97(10):e61 (3.498) 62. Focosi D. Acquired factor XIII deficiency after desensitization as a potential contributor to postoperative bleeding: more than meets the eye.*Transpl Int*. 2015 Feb;28(2):246_7 (3.254) 63. Focosi D, Macera L,

Boggi U, Ceccherini Nelli L, Maggi F. Short-term kinetics of TV viremia after induction immunosuppression confirm T-lymphocytes as the main replication-competent cells. *J Gen Virol*. 2015 Jan;96(Pt 1):115-7 (3.120) 64. Focosi D. Delayed cord clamping. *Lancet* 2014 Nov 8;384(9955):1668 (30.758) 65. Focosi D, Maggi F. Estimates of Ebola virus case-fatality ratio in the 2014 West African outbreak. *Clin Infect Dis*. 2015 Mar 1;60(5):829 (8.886) 66. Focosi D, Maggi F, Ceccherini Nelli L, Pistello M. Cell therapies for treatment of human immunodeficiency virus infection. *Rev Med Virol*. 2015 May;25(3):156-74 (7.615) 67. Focosi D. Potential hurdles to ABO-incompatible living donor kidney transplantation without augmented immunosuppression. *Am J Transplant*. 2015 Jun;15(6):1727 (5.683) 68. Focosi D, Maggi F, Pistello M. Getting the most from the Ebola vaccine success. *Vaccine* 2015 (3.624) 69. Focosi D, Pistello M. Effect of Induced Pluripotent Stem Cell Technology in Blood Banking. *Stem Cells Transl Med*. 2016 Mar;5(3):269-74. (5.7) 70. Focosi D. Advances in pretransplant donor-specific antibody testing in solid organ transplantation: from bench to bedside. *International Rev Immunol* 2016 Jul 3;35(4):351-368 (4.10) 71. Focosi D, Antonelli G, Pistello M, Maggi F. Torquetenovirus (TTV): The Human Virome From Bench to Bedside. *Clin Microbiol Infect*. 2016 Apr 16. doi: 10.1016/j.cmi.2016.04.007. [Epub ahead of print] (5.17) 72. Focosi D, Maggi F, Pistello M, Zika Virus: Implications for Public Health. *Clin Infect Dis*. 2016 Apr 5. (8.98) 73. Focosi D, Amabile G. Induced pluripotent stem cell-derived red blood cells and platelet concentrates: from bench to bedside. *Cells* 2017 Dec 27;7(1) (4.829) 74. Focosi D, Maggi F. Torque teno virus monitoring in transplantation: The quest for standardization. *Am J Transplant*. 2018 Nov 23. doi: 10.1111/ajt.15194 (6.493) 75. Focosi D, Tuccori M, Maggi F. Progressive multifocal leukoencephalopathy and anti-CD20 monoclonal antibodies: What do we know after 20 years of rituximab. *Rev Med Virol*. 2019 Aug 1:e2077 (3.7) 76. Focosi D, Tuccori M, Maggi F. Checkpoint inhibitors and progressive multifocal leukoencephalopathy: friends or foes? *Ann Transl Med*. 2019 Dec;7(Suppl 8):S298 (IF 3.7) 77. Focosi D, Spezia PG, Macera L, Salvadori S, Navarro D, Lanza M, Antonelli G, Pistello M, Maggi F. Assessment of prevalence and load of torquetenovirus viraemia in a large cohort of healthy blood donors. *Clin Microbiol Infect*. 2020 Jan 20 (IF 6.4) 78. Focosi D. Anti-A iso-haemagglutinin titres and SARS-CoV-2 neutralization: implications for children and convalescent plasma selection. *Br J Haematol*. 2020 Aug;190(3):e148_e150 (5.7) 79. Focosi D, Anderson AO, Tang JW, Tuccori M. Convalescent Plasma Therapy for COVID-19: State of the Art. *Clin Microbiol Rev*. 2020 Aug 12;33(4):e00072_20. (17) 80. Focosi D, Maggi F, Mazzetti P, Pistello M. Viral infection neutralization tests: A focus on severe acute respiratory syndrome - coronavirus - 2 with implications for convalescent plasma therapy. *Rev Med Virol* 2020 (in press). (4.5) 81. Focosi D, Tuccori M, Antonelli G, Maggi F. What is the optimal usage of Covid-19 convalescent plasma donations? *Clin Microb Infection* (in press) (6.5) 82. Focosi D, Iorio MC, Lanza M. ABO Blood Group Correlations With COVID-19: Cohort Choice Makes A Difference. *Clin Infect Dis*. 2020 Sep 30:ciaa1495. (9.1) 83. Focosi D, Farrugia A. The art of the possible in approaching efficacy trials for COVID-19 convalescent plasma. *Int J Infect Dis*. 2020 Oct 29:S1201_9712(20)32274_8 (3.5) 84. Focosi D, Farrugia A. ABO-incompatible convalescent plasma transfusion: Yes, you can. *Transfus Med*. 2020 Nov 15. (2.2) 85. Focosi D, Farrugia A. Urgent Need to Regulate Convalescent Plasma Differently from Thawed Plasma. *Transfus Med Hemother* (2.1) 86. Focosi D, Franchini M. COVID-19 neutralizing antibody-based therapies in humoral immune deficiencies: A narrative review. *Transf Apheresis Science* (1.2) 87. Focosi D, Maggi F. Neutralising antibody escape of SARS-CoV-2 spike protein: Risk assessment for antibody-based Covid-19 therapeutics and vaccines. *Rev Med Virol*. 2021 Mar 16. doi: 10.1002/rmv.2231 (4.2) 88. Focosi D, Tuccori M, Franchini M. The Road towards Polyclonal Anti-SARS-CoV-2 Immunoglobulins (Hyperimmune Serum) for Passive Immunization in COVID-19. *Life* (Basel). 2021 Feb 15;11(2):144 (2.99) 89. Focosi D, Franchini M. Impact of pathogen-reduction technologies on COVID-19 convalescent plasma potency. *Transfus Clin Biol*. 2021 Mar 3:S1246_7820(21)00038_0 (1.2) 90. Focosi D, Franchini M. COVID-19 convalescent plasma therapy: hit fast, hit hard! *Vox Sanguinis* (2.4) 91. Focosi D, Genoni A, Lucenteforte E, Tillati S, Tamborini A, Spezia PG, Azzi L, Baj A, Maggi F. Previous Humoral Immunity to the Endemic Seasonal Alphacoronaviruses NL63 and 229E Is Associated with Worse Clinical Outcome in COVID-19 and Suggests Original Antigenic Sin. *Life* (Basel) 2021 Apr 1 (2.99) 92. Focosi D, Franchini M. Clinical Predictors Of SARS-CoV-2 Neutralizing Antibody Titers In COVID-19 Convalescents: Implications For Convalescent Plasma Donor Recruitment. *Eur J Haematol*. 2021 Mar 29 (2.2) 93. Focosi D, Maggi F, Franchini M, Aguzzi A, Lanza M, Mazzoni A, Menichetti F. Patient blood management for COVID-19 convalescent plasma therapy: should donor-recipient differences in concentration and affinity of neutralizing antibodies drive use? *Clin Microbiol Infect*. 2021 Apr 17:S1198_743X(21)00171_3 94. Focosi D, Baj A, Maggi F. Is a single COVID-19 vaccine dose enough in convalescents? *Hum Vaccin Immunother*. 2021 May 5:1-3 95. Focosi D, Franchini M. COVID-19 immune plasma donation after vaccination: pros and cons. *Transfus Apher Sci*. 2021 Apr 26:103151 96. Focosi D, Tuccori M, Baj A, Maggi F. SARS-CoV-2 Variants: A Synopsis of In Vitro Efficacy Data of Convalescent Plasma, Currently Marketed Vaccines, and Monoclonal Antibodies. *Viruses*. 2021 Jun 23;13(7):1211. 97. Focosi D, Franchini M. Potential use of convalescent plasma for SARS-CoV-2 prophylaxis and treatment in immunocompromised and vulnerable populations. *Expert Rev Vaccines*. 2021 May 27:1-8 98. Focosi D, Novazzi F, Genoni A, Dentali F, Dalla Gasperina D, Baj A, Maggi F. Emergence of sars-cov-2 spike escape mutation Q493R after bamlanivimab/etesevimab treatment for COVID-19. *Emerg Infect Dis*. 2021 (6.2) 99. Focosi D, Franchini M, Pirofski LA, Burnouf T, Fairweather D, Joyner MJ, Casadevall A. COVID-19 Convalescent Plasma Is More than Neutralizing Antibodies: A Narrative Review of Potential Beneficial and Detrimental Co-Factors. *Viruses*. 2021 Aug 11;13(8):1594 100. Focosi D, Macera L, Spezia PG, Ceccarelli F, Lanza M, Maggi F. Molecular validation of pathogen-reduction technologies using rolling-circle amplification coupled with real-time PCR for torquetenovirus DNA quantification. *Transfus Med*. 2021 Oct;31(5):371-376 101. Focosi D, Navarro D, Maggi F, Roilides E, Antonelli G. COVID-19 infodemics: the role of mainstream and social media. *Clin Microbiol Infect*. 2021 Aug 8:S1198_743X(21)00441 Other publications (not as first author) on international peer-reviewed scientific journals : 102. Kast RE, Foley K, Focosi D. Doxorubicin cardiomyopathy via Toll-like receptor stimulation: potential prevention and dose intensification with protease inhibitors. *Haematol. Oncol*. 2007 Jun;25(2):96-7 (1.869) 103. Kast RE, Focosi D, Petrini M, Altschuler EL. Treatment schedules for 5-HT2A blocking in progressive multifocal leukoencephalopathy using risperidone or ziprasidone. *Bone Marrow Transplant*. 2007 Jun;39(12):811-2 (2.998) 104. Pelosini M, Focosi D, Fazzi R, Galimberti S, Caracciolo F, Benedetti E, Papineschi F, Petrini M. Progressive multifocal leukoencephalopathy: report of three cases in HIV-negative hematological patients and review of literature. *Ann Hematol*. 2008 May;87(5):405-12. (2.919) 105. Maggi F, Focosi D, Ricci V, Paumgardhen E, Ghimenti M, Papineschi F, Bendinelli M, Petrini M, Ceccherini Nelli L. Changes in CD8+57+ T lymphocyte expansions after autologous hematopoietic stem cell transplantation correlate with changes in Torquetenovirus viremia. *Transplantation* 2008 Jun 27;85(12):1867-8 (3.498) 106. Carson K, Evens AR, EA, Habermann TF, D, Seymour J, Laubach J, Bawn S, Focosi D et al. Progressive multifocal leukoencephalopathy following rituximab therapy in HIV-negative patients: a report of 57 cases from the Research on Adverse Drug Event and Reports (RADAR) project. *Blood* 2009 113(20):4834-40 (10.555) 107. Benedetti E, Lippolis PV, Caracciolo F, Galimberti S, Papineschi F, Pelosini M, Focosi D, Stella SM, Neri E, Seccia M, Petrini M. Ultrasound-guided a successful hemicolecotomy in a leukemic patient with neutropenic enterocolitis. *J Ultrasound*. 2008 Sep;11(3):97-101 (no impact factor) 108. Tuccori M, Focosi D, Blandizzi C, Del Tacca M, Petrini M. Re: Rituximab maintenance for the treatment of patients with follicular lymphoma: systematic review and meta-analysis of randomized trials. *J Natl Cancer Inst*. 2009 Sep 16;101(18):1288-9 (14.069) 109. Tuccori M, Focosi D, Maggi F, Cosottini M, Meini B, Lena F, Blandizzi C, Del Tacca M, Petrini M. Progressive multifocal leukoencephalopathy: a report of three cases in HIV-negative patients with non-Hodgkin's lymphomas treated with rituximab. *Ann Hematol*. 2010 May;89(5):519-22 (2.919) 110. Carson K, Focosi D, Major E, Petrini M, Richey E, West D, et al. Monoclonal antibody-associated progressive multifocal leukoencephalopathy in patients treated with rituximab, natalizumab, and efalizumab: a Review from the Research on Adverse Drug Events and Reports (RADAR) project. *Lancet Oncol* 2009;10(8):816-24 (14.47) 111. Kast RE, Focosi D. Three paths to better tyrosine kinase inhibition behind the blood-brain barrier in treating chronic myelogenous leukemia and glioblastoma with imatinib. *Transl Oncol*. 2010 Feb;3(1):13-5 (no impact factor) 112. Fazzi R, Manetti C, Focosi D, Miligi L, Benvenuti A, Bonari E, Barale R, Petrini M. Areas with high soil percolation by herbicides have higher incidence of low-grade non-Hodgkin lymphomas. *Ann Hematol*. 2010 Sep;89(9):941-3 (2.919) 113. Maggi F, Focosi D, Ciancia E, Andreoli E, Lanini L, Petrini M, Pistello M. Wu and KI polyomavirus remain orphan in adults. *J Infect Dis*. 2010 Apr 15;201(8):1276 (5.865) 114. Maggi F, Focosi D, Albani M, Lanini L, Vatteroni ML, Petrini M, Ceccherini Nelli L, Pistello M, Bendinelli M. Role of hematopoietic cells in the maintenance of chronic human torquetenovirus plasma viremia. *J Virol*. 2010 Jul;84(13):6891-3 (5.15) 115. Tuccori M, Focosi D, Blandizzi C, Pelosini M, Montagnani S, Maggi F, Pistello M, Antonelli L, Fornai M, Pepe P, Rossi G, Petrini M. Inclusion of Rituximab in Treatment Protocols for Non-Hodgkin's Lymphomas and Risk for Progressive Multifocal Leukoencephalopathy. *Oncologist*. 2010;15(11):1214-9 (6.701)

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Utilizzo del pegfilgrastim in monoterapia come agente differenziante in un paziente con leucemia mieloide acuta recidivata ad alto rischio infettivo. *Continuing Education in Oncology* 2007 4(1);21_25 165. Russo DF, Focosi D. L'Officina Trasfusionale di Area Vasta Nord_Ovest. *Toscana Medica* n.10 2015, p.23-166. Russo DF, Focosi D. L'Officina Trasfusionale di Area Vasta Nord_Ovest. *Pisa Medica* n.70 maggio_giugno 2015 Focosi D. Resistance to tyrosine kinase inhibitors. Springer. 2017 ISBN 978_3_319_46091_8 Focosi D. SARS_CoV_2 Spike Protein Convergent Evolution: Impact of Virus Variants on Efficacy of Covid_19 Therapeutics and Vaccines. *Springer Briefs in Microbiology.* 2021 ISBN 978_3030873233 Focosi D. Life Special Issue "Neutralizing_Antibody_Based Treatments for COVID_19: Achievements and Lessons Learnt for Future Pandemics". 2021 MDPI Focosi D. *Viruses.* Special Issue "SARS_CoV_2 Inside and Outside the Respiratory Tract: From Diagnostics to Therapies". 2021 MDPI Focosi D. Maggi F. *International Journal of Molecular Sciences* Special Issue. "SARS_CoV_2 Variants, Antibodies and Vaccines" 2021 MDPI Oral presentations at medical congresses : 1. "New therapies in onco_haematology and PML risk" in "Progressive multifocal leukoencephalopathy : emerging epidemics or complication of therapeutic progresses ? " - Pisa 14 June 2006 2. "Anti_cancer DNA vaccines : from bench (to regulatory authorities) to bedside" in "DNA Vaccines 2007" - Malaga 24 May 2007 3. "5_HT2a antagonists as a new treatment for JCV_associated progressive multifocal leukoencephalopathy" - in Ehrlich II _2nd World Conference on Magic Bullets" - Nurnberg, Germany, 3 October 2008 4. "Progressive multifocal leukoencephalopathy : what's new ?", 9th IBAT Congress - Naples, 29 January 2009 5. "Progressive multifocal leukoencephalopathy following rituximab therapy in HIV negative patients : a report of 56 cases from the research on adverse drug event and reports (RADAR) project" _ 14th Congress of the European Hematology Association (EHA) - Berlin - 7 June 2009 6. "Progressive multifocal leukoencephalopathy following rituximab therapy in HIV negative patients : a report of 57 cases from the research on adverse drug event and reports (RADAR) project" _ Congress of the Italian Hematology Association (SIE) - Milan - October 2009 7. Tuccori M, Focosi D, Montagnani S, Blandizzi C, Petrini M, Del Tacca M _ "Progressive multifocal leukoencephalopathy: a survey on HIV_negative patients with Non_Hodgkin's Lymphomas receiving rituximab" _ 9th annual meeting of the International Society of Pharmacovigilance (ISOP) _ Reims (France), 6-9 October 2009 8. Tuccori M, Focosi D, Montagnani S, Blandizzi C, Petrini M, Del Tacca M. "Progressive multifocal leukoencephalopathy in patients receiving rituximab: a survey on HIV_negative patients" - 34th Congress of the Italian Society of Pharmacology (SIF) _ Rimini _ 14_17 October 2009 9. Focosi D. "Vaccinoterapia a DNA mediante gene gun nei linfomi indolenti" - Meeting Società Italiana di Ematologia Sperimentale (SIES) Discutiamone insieme - Florence - 18 March 2010 10. Focosi D, Maggi F "Therapeutic monoclonal antibodies and risk of progressive multifocal leukoencephalopathy" - Istituto Nazionale Malattie Infettive (INMI) - Rome - 22 March 2010 11. Focosi D. "Rejection prevention". XV Update course of the Italian Society of Emapheresis and Cell Manipulation (SIdEM) - Rome - 24 September 2010" 12. Focosi D. "Adverse effects of immunosuppressive drugs" - Under 35 session - National Congress of Promed Galileo medical society - Pisa - 6 November 2010 13. Focosi D. "Adverse effects of immunosuppressive drugs" - TRUST event "Immunosuppressive therapies" - Pisa - 11 November 2010 14. Focosi D. "Altruistic unbalanced paired kidney exchange" - The Donor Surgeon - Naples _ 14_16 December 2010 15. Focosi D. "Overcoming barriers to direct living donor kidney donation" _ 1st Pisa meeting on pending issues in transplantation : Paired kidney exchange - Pisa - 21 January 2011 16. Focosi D. " Anti_idiotypic DNA vaccination in indolent non_Hodgkin lymphomas" _ 2nd Annual course about pharmacogenetics. Future perspectives in cancer treatment: clinics and labs, indissoluble realities - Pisa - 4 February 2011 17. Focosi D. " Generation of third party human umbilical cord mesenchymal stem cell lines with increased immunosuppressive ability and noninvasively traceable in vivo for treatment of graft_versus_host disease" _ 3rd translational workshop of the Italian Society for Experimental Hematology (SIES) - Perugia - 20 May 2011 18. Boggi U, Vistoli F, Signori S, D'Imporzano S, Amorese G, Consani G, Guarracino F, Marchetti P, Focosi D, Mosca F - "Laparoscopic robot_assisted pancreas transplantation" _ 13rd World Congress of International Pancreas and Islet Transplant Association (IPITA) _ O_009 - Praha - 3 June 2011 19. De Donno M, Focosi D, Occhipinti M, Marchetti P, Vistoli F, Duquesnoy R, Boggi U, Scatena F - "Luminex screening for donor_specific anti_HLA antibodies in pancreas transplant alone" _ 13rd World Congress of International Pancreas and Islet Transplant Association (IPITA) _ O_045 - Praha - 3 June 2011 20. Boggi U, Vistoli F, Signori S, D'Imporzano S, Amorese G, Consani G, Guarracino F, Marchetti P, Focosi D, Mosca F. Laparoscopic robot_assisted pancreas transplantation. 15th Congress of the European Society for Organ Transplantation - MO_061 - Glasgow - 5 settembre 2011 21. Focosi D, Scatena G, Vistoli F, Scatena F, Boggi U. Computer_aided altruistic unbalanced paired kidney exchanges based on virtual crossmatching and predicted post_transplant creatinine clearance. 15th Congress of the European Society for Organ Transplantation - MO_014 - Glasgow - 5 settembre 2011 22. Focosi D, De Donno M, Occhipinti M, Marchetti P, Vistoli F, Boggi U, Scatena F. Luminex screening for donor_specific anti_HLA antibodies in pancreas transplant alone. 15th Congress of the European Society for Organ Transplantation - MO_064 - Glasgow - 5 settembre 2011 23. Focosi D. "The crossover project" - The Donor Surgeon - Naples - 30 November_2 December 2011 24. Focosi D. "Update on immunosuppressive therapies". SIMVI_AMCLI workshop "Infections in the transplant recipient" - Turin - 1 March 2012 25. Focosi D. "The role of anti_HLA antibodies in hematopoietic stem cell transplantation" - Division of Immunology _ Turin - 5 October 2012 26. Focosi D, Maggi F, Macera L, De Donno M, Pistello M "TTV viremia levels as markers of functional immune deficiency" - 5th national congress of the Italian Society for Medical Virology (SIVIM) _ Milan - 29 November 2012 27. Focosi D. "Mesenchymal stem cells and kidney transplantation" - Congress for 41st anniversary of first kidney transplant - Pisa - 15 March 2013 28. Focosi D. "Reasoned approach to incompatibility to direct donation" - Congress for 41st anniversary of first kidney transplant - Pisa - 15 March 2013 29. Suleiman M, Bugliani M, Syed F, Olimpico F, Mariotti ML, Fornaciari S, Focosi D, Scatena F, Boggi U, Filippini F, Marchetti P, Marselli L. Factors affecting the properties of isolated human pancreatic islets (HPI). OP30 _Joint Congress of the International Transplant Nurses Society (ITNS) and the Italian Society for Safety and Quality in Transplantation (SISQT) - Florence - 8_12 April 2013 30. Focosi D, Macera L, Santi M, Vistoli F, Pistello M, Scatena F, Maggi F, Boggi U. Torquetenovirus viremia kinetics as a novel marker of functional immune deficiency in solid organ transplantation. 16th Congress of the European Society for Organ Transplantation (ESOT) - Vienna - 8_11 September 2013 _ BO195 31. Focosi D. Clinical impact of anti_endothelial cell antibodies in kidney and pancreas transplantation. 10th International Summer School on Immunogenetics by European Federation of Immunogenetics (EFI) & American Society for Histocompatibility and Immunogenetics (ASHI) - Stintino - Italy - 18 September 2013 32. Focosi D. The role of H&I in paired kidney donation. 20th National Congress of the Italian Society for Immunogenetics and Transplant Biology (AIBT) - Pisa - Italy - 4 October 2013 33. Focosi D. JCV infection in bone marrow of hematological patients treated with rituximab : retrospective monocentric study to assess its role in the development of progressive multifocal leukoencephalopathy. 4th National Workshop of the Italian Society of Experimental Hematology (SIES) - Bologna - 14 November 2013 34. Focosi D. Generation of autologous iPSC_derived lymphocytes for adoptive immunotherapy of minimal residual disease in NPMmut acute myeloid leukemia. Under 40 in Hematology Final Contest - Turin - Italy - 15 November 2013 35. Focosi D. Attempt to classify the clinical impact of DNA viruses according to the ability to activate the innate immune system. 9th Workshop of Italian Society for Medical Virology on Innate Immunity and Viral infections - Pisa - 9_10 December 2013 36. Focosi D. Role of viremia by Torque Teno Virus as biomarker of the degree of immunosuppression in transplantation. XII Convocatoria CIVITAS - Madrid - 20 November 2015 37. Focosi D. The quality system of a blood bank. Immunohematological qualification and operation of the new North_Western Tuscany Blood bank. Pisa University Hospital - 31 March and 14 April, 2016 38. Focosi D. "Impatto di virus Zika e altre infezione da artropodi sui sistemi trasfusionali" in corso di Area Vasta "Zika e altri virus trasmessi da artropodi:

da eventi geograficamente lontani a emergenza sanitaria globale" – Pisa – 24 maggio 2016 39. Gimenez E, Albert E, Solano C, Macera L, Focosi D, Navarro D. Plasma Torquetenovirus (TTV) DNA load as a surrogate marker of reconstitution of CMV_specific immunity in the allogeneic stem cell transplantation setting. 19th Annual Meeting of the European Society for Clinical Virology, Lisbon, Portugal, 14th–17th September 2016 (abstract 92; oral 24); J Clin Virol 82S (2016) S1–S142 40. Focosi D. Torquetenovirus as an instrument to assess immunosuppression in transplant patients. Transplant Forum, Vienna, 11 May 2017 Poster presentations : 1. Focosi D, Burrone O, Petrini M: "Anti_idiotype DNA vaccination by gene gun in the murine BCL1 lymphoma model". Poster 115. IX Congress of the Italian Society of Experimental Hematology, Naples, September 20_22, 2006 2. Canestraro M, Maffei R, Marasca R, Galimberti S, Simonetti F, Sordi E, Focosi D, Cannizzo E, Torelli G, Petrini M. "SAHA inhibits proliferation and induces apoptosis in a megakaryoblastic cell line and synergistically interacts with the proteasome inhibitor bortezomib". XLI Congress of the Italian Society of Hematology, Bologna, October 14_17, 2007 3. Focosi D, Maggi F, Ricci V, Albani M, Rocchi J, Matera L, Lanini L, Andreoli E, Vatteroni ML, Pistello M, Bendinelli M, Ceccherini_Nelli L, Petrini M. "TTV viremia in hematopoietic stem cell transplant recipients: a new surrogate marker of immune dysfunction?" XIII Congress of the European Hematology Association (EHA), Copenhagen, June 12_15 2008 (P_0840) 4. Focosi D, Mattii L, Metelli MR, Maggi F, Galimberti S, Benedetti E, Papineschi F, Petrini M. "Peritransplant administration of the oral dipeptidyl dipeptidase IV inhibitor sitagliptin modifies serum SDF_1 α levels in multiple myeloma patients undergoing autologous hematopoietic stem cell transplantation". XIII Congress of the European Hematology Association (EHA), Copenhagen, 12_15 Giugno 2008 (publication only) 5. Focosi D, Galimberti S, Benedetti E, Papineschi F, Petrini M. "Peritransplant administration of the oral dipeptidyl dipeptidase IV inhibitor sitagliptin modifies serum SDF_1 α levels". X Congress of the Italian Society of Experimental Hematology, Bari, September 24_26, 2008 (P_006) 6. Focosi D, Carson KR, Evens AM, Richey EA, Habermann TM, Seymour JF, Laubach J, Bawn SD, Gordon LI, Winter JN, Furman RR, Vose JM, Zelenetz AD, Mamtani R, Raisch DW, Rosen ST, Muro J, Gottardi_Littell NR, Talley RL, Sartor O, Green D, Major EO, Bennett CL. "Progressive multifocal leukoencephalopathy in HIV_negative patients : a systematic multicentric review of case reports associated with rituximab therapy". VII Congress of the Italian Society for Infectious and Tropical Diseases, Bergamo, November 18_22 2008 (PO_127) 7. 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Montagnani S, Tuccori M, Focosi D, Maggi F, Cosottini M, Meini B, Blandizzi C, Petrini M, Del Tacca M – Progressive multifocal leukoencephalopathy: a report of two cases in patients with lymphomas on maintenance therapy with rituximab _ 34th Congress of the Italian Society of Pharmacology (SIF) _ Rimini _ 14_17 October 2009 13. Maggi F, Albani M, Focosi D, Fiorentini S, Ricci V, Rocchi J, Macera L, Lanini L, Andreoli E, Bendinelli M, Rizzardini G, Clerici M, Caruso A, Antonelli G, Pistello M, Ceccherini_Nelli L. Viremia di TTV in soggetti immunocompromessi : un nuovo marcatore di disfunzione immune ? 37th National Congress of Italian Society of Microbiology (SIM) – Turin – 11_14 October 2009 14. Focosi D, Tuccori M, Blandizzi C, Del Tacca M, Petrini M. "Incidence of Progressive Multifocal Leukoencephalopathy in Non_Hodgkin Lymphoma Patients Treated with Rituximab" _ Poster 3675 _ 51th Congress of the American Society of Hematology (ASH) – New Orleans – 4_7 December 2009 15. Focosi D, Metelli MR, Petrini M. "Serum IL_7 and IL_15 kinetics drive lymphopenia_induced proliferation after high_dose chemotherapy and autologous stem cell transplantation" – Poster 496 – Congress of the European Bone Marrow Transplantation (EBMT) – Vienna – 23 March 2010 16. Vistoli F, Focosi D, Duquesnoy RJ, De Donno M, Mariotti ML, Occhipinti M, Barsotti M, Scatena F, Marchetti P, Boggi U. Pancreas rejection after pandemic influenza virus A(H1N1) vaccination or infection: a report of two cases. Poster 3278 _ XXIII International Congress of The Transplantation Society (TTS 2010) Vancouver, Canada _ 15 – 19 August 2010 17. Focosi D. GMP validation of third_party human umbilical cord stem cell lines for adoptive immunotherapy to be used in kidney transplant recipients with early stage chronic allograft nephropathy – 3rd Mesenchymal Stem Cells in Solid Organ Transplantation (MISOT) expert meeting – Leuven, Belgium – 18_19 April 2011 18. Focosi D, Scatena G, De Donno M, Vistoli F, Barsotti M, Ratner L, Mariotti ML, Boggi U, Scatena F. A new software for computer_aided virtual crossmatch in living donor kidney transplantation. – P106 _ 25th European Immunogenetics and Histocompatibility Conference – Praha, Czech Republic – 4_7 May 2011 19. Focosi D, De Donno M, Occhipinti M, Marchetti P, Vistoli F, Duquesnoy R, Curcio M, Mariotti ML, Fornaciari S, Boggi U, Scatena F. Luminex screening for donor_specific anti_HLA antibodies in pancreas_transplant alone – P163 _ 25th European Immunogenetics and Histocompatibility Conference – Praha, Czech Republic – 4_7 May 2011 20. Barbuti S, Focosi D, Fornaciari S, Marchetti P, Cantarovich D, Vistoli F, Boggi U, Urciuolo P, Scatena F, Curcio M, Mariotti ML. Analysis of C1858T polymorphism in patients with type 1 diabetes mellitus on the waiting list for pancreas transplantation _ XVIII Congress of the Associazione Italiana di Immunogenetica e Biologia dei Trapianti (AIBT) _ Bologna _ 29 September _ 1 October 2011 21. Focosi D, Scatena G, Barsotti M, Vistoli F, Cantarovich D, Scatena F, Boggi U. Altruistic paired kidney donation _ XVIII Congress of the Associazione Italiana di Immunogenetica e Biologia dei Trapianti (AIBT) _ Bologna _ 29 September _ 1 October 2011 22. Mazzoni A, Vistoli F, Barsotti M, Focosi D, Mariotti ML, Cantarovich D, Boggi U, Scatena F. Long_term clearance of anti_Cw donor_specific antibodies after desensitization with plasmapheresis and intravenous immunoglobulins. XV Congresso Nazionale della Società Italiana di Ematologia e Manipolazione Cellulare (SidEM) _ Torino _ 9_12 novembre 2011 23. Nocchi F, Iorio MC, Lamanna R, Focosi D, Lapi S, Urciuoli P, Presciuttini S, Scatena F. In vitro expansion of umbilical cord mesenchymal stem cells : a comparison among different serum_free culture media – 38th meeting of the European Group for Blood and Marrow Transplantation (EBMT) – Geneve _ 1_4 April 2012 24. Focosi D. Immunogenetics 2.0 : The blog experience _ P282 _ 26th European Immunogenetics and Histocompatibility Conference – Liverpool – 1_3 June 2012 25. Focosi D. The role of donor_specific anti_HLA antibodies in HLA_mismatched hematopoietic stem cell transplantation _ P33 _ 26th European Immunogenetics and Histocompatibility Conference – Liverpool – 1_3 June 2012 26. Barbuti S, Focosi D, Fornaciari S, Vistoli F, Curcio M, Mariotti ML, Boggi U, Marchetti P, Scatena F. PTPN22 C1858T polymorphism protects type 1 diabetes mellitus patients from proteinuria _ P376 _ 26th European Immunogenetics and Histocompatibility Conference – Liverpool – 1_3 June 2012 27. Focosi D, Bronzoni J, Vistoli F, Barsotti M, Scatena F, Boggi U. Altruistic unbalanced paired kidney exchange : willingness to participate in Italy _ P164 _ 26th European Immunogenetics and Histocompatibility Conference – Liverpool – 1_3 June 2012 28. Focosi D, Perrone V, Mariotti ML, Scatena F, Boggi U. A tale of five kidneys and one heart transplants. _ P174 _ 26th European Immunogenetics and Histocompatibility Conference – Liverpool – 1_3 June 2012 29. Suleiman M, Marselli L, Bugliani M, Syed Farooq, Scatena F, Focosi D, Mariotti ML, Fornaciari S, Filippini F, Boggi U, Marchetti P. Beta cell properties in human type 2 diabetes and the relationships with anti_diabetic therapy. 2012 Islet Society Meeting _ Stockholm – 15_16 July 2012 30. Focosi D. Immunogenetics 2.0 : the first immunogenetics blog in the world. XIX Congress of the Associazione Italiana di Immunogenetica e Biologia dei Trapianti (AIBT) – Rome _ 27_29 September 2012 31. Focosi D, Vistoli F, Cantarovich D, Mazzoni A, Mariotti ML, Perrone V, Scatena F, Boggi U. A fifth kidney transplant in a heart transplant recipients. XIX Congress of the Associazione Italiana di Immunogenetica e Biologia dei Trapianti (AIBT) – Rome _ 27_29 September 2012 32. Nocchi F, Iorio M, Lamanna R, Focosi D, Lapi S, Urciuoli P, Zucca A, De Donno M, Giannelli R, Rosellini A, Scatena F. Espansione in vitro di cellule staminali mesenchimali da cordone ombelicale : confronto tra diversi terreni di coltura serum_free _ P045_ XII National Congress of SIES – Rome, 17_19 October 2012 33. Focosi D. Immunogenetics 2.0: the blog experience. 39th European Bone Marrow Transplantation (EBMT) meeting – London _ 7_10 April 2013 34. Focosi D, Scatena G, Vistoli F, Barsotti M, Scatena F, Boggi U. Computer_aided paired kidney exchange finding. Saudi International Congress on New Frontiers in Organ Transplantation (SICOT) –Riyadh – Saudi Arabia _ 4_7 March 2013 35. Davini S, Focosi D, Mariotti ML, Boggi U, Vistoli F, Paleologo G, Scatena F, Presciuttini S. Distribution of cytokine genes polymorphisms in recipients of living donor kidney transplantation and their influence on renal function in the posttransplant period _ P78. 27th European Federation of Immunogenetics (EFI) conference – Maastricht – 11_14 May 2013 36. Focosi D, Macera L, Santi M, Vistoli

F, Boggi U, Pistello M, Scatena F, Maggi F. Torquetenovirus viremia kinetics as a novel marker of functional immune deficiency in solid organ transplantation. P79. 27th European Federation of Immunogenetics (EFI) conference – Maastricht – 11_14 May 2013 37. Focosi D, Biagini C, Ricchiuti G, Vistoli F, Scatena F, Boggi U. Preexisting and de novo antiendothelial cell antibodies detected by a new indirect immunofluorescence assay in kidney and pancreas transplantation – P58. 27th European Federation of Immunogenetics (EFI) conference – Maastricht – 11_14 May 2013 38. Focosi D. Hood_free, on_the_bench, clinical grade expansion of mesenchymal stem cells using a small_scale bioreactor. 5th Meeting Forum of Italian Researchers on Mesenchymal and Stromal Stem Cells (FIRST) _ Milan, 13_14 May 2013 39. Suleiman M, Bugliani M, Syed F, Olimpico F, Mariotti L, Fornaciari S, Focosi D, Scatena F, Boggi U, Filippini F, Marchetti P, Eizirik D, Cnop M, Marselli L. Dissecting the factors affecting the functional properties of isolated human islets. 2254_P. 73rd Congress of the American Diabetes Association (ADA) – Chicago – 21_25 June 2013 40. Focosi D, Macera L, Santi M, Vistoli F, Pistello M, Scatena F, Maggi F, Boggi U. Torquetenovirus viremia kinetics as a novel marker of functional immune deficiency in solid organ transplantation. 18th NAT conference – Nantes – 24_25 June 2013 41. Focosi D, Biagini C, Ricchiuti G, Vistoli F, Scatena F, Boggi U. Clinical impact of preexisting and de novo anti_ endothelial cell antibodies detected by a new indirect immunofluorescence assay in kidney and pancreas transplantation. 16th Congress of the European Society for Organ Transplantation (ESOT) – Vienna – 8_11 September 2013 42. Focosi D, Ricchiuti G, Biagini C, De Donno M, Funel N, Vistoli F, Marchetti P, Boggi U, Scatena F. Clinical impact of anti_ endothelial antibodies in kidney and pancreas transplantation. 20th National Congress of the Italian Society for Immunogenetics and Transplant Biology (AIBT) – Pisa – Italy – 3_5 October 2013 43. Focosi D, Scatena G, Boggi U. Transplant Manager : the first software for paired kidney donations. 20th National Congress of the Italian Society for Immunogenetics and Transplant Biology (AIBT) – Pisa – Italy – 3_5 October 2013 44. Mariotti ML, Mazzoni A, Vistoli F, Fornaciari S, Curcio M, Grazzini T, Bianchi AM, Tregnaghi C, Perrone VG, Focosi D, Egidi MF, Scatena F, Boggi U. Monitoring DSA in a deceased donor kidney transplant recipient undergoing plasmapheresis. 20th National Congress of the Italian Society for Immunogenetics and Transplant Biology (AIBT) – Pisa – Italy – 3_5 October 2013 45. Suleiman M, Mariotti L, Fornaciari S, Bugliani M, Syed F, Olimpico F, Boggi U, Filippini F, Focosi D, Marselli L, Scatena F, Marchetti P. Analysis of factors affecting functional features of pancreas islets after isolation. 20th National Congress of the Italian Society for Immunogenetics and Transplant Biology (AIBT) – Pisa – Italy – 3_5 October 2013 46. Focosi D, Maggi F, Pistello M, Boggi U. Monitoring Human Immune Competence Using a Symbiont Virus : From Bench to Bedside. B784 _ World Transplant Congress – San Francisco _ USA – 26_31 July 2014 47. Focosi D, Scatena G, Vistoli F, Boggi U. Computer_Aided Altruistic Unbalanced Paired Kidney Exchange : A Pilot Software." _ D2663 _ World Transplant Congress – San Francisco _ USA – 26_31 July 2014 • "Third ESH International conference on chronic myeloid leukemia in the 21st century" 11_13 November, 2005, Genoa, Italy (participation via ESH scholarship) • Stage "Monoclonal antibodies", 14_18 November 2005, L.& A. Seragnoli Institute of Hematology and Medical Oncology, S.Orsola Hospital, Bologna, Italy • "IX Congress of the Italian Society for Experimental Hematology (SIES)" _ Naples – 20_22 September 2006 • "4th ESH_EHA Work_up for Haematological Malignancies : Focus on Lymphoid Malignancies" – Rome – 1_4 March 2007 (participation via ESH scholarship) • Update course on "Infections in haematology/oncology and bone marrow transplantation" – Genoa 4_6 October 2007 • "Signal transduction in acute leucemia : from biology to clinics" – Lucca 27 October 2007 • "Diagnosis and therapy of multiple myeloma" – Department of Oncology, Transplants and New Technologies in Medicine _ Pisa _ 15_17 November 2007 • "Support therapies in multiple myeloma" – Pisa – 23 November 2007 • "The objectives of support therapy" – Istituto di Ematologia e Oncologia Medica "L. e A. Seragnoli" _ Bologna – 26_28 November 2007 • "Support therapies in onco_hematology" – Pisa – 4 December 2007 • "Medical writing for Excellence . How to develop effective abstracts, manuscripts and posters on severe infections" – Wolters_Kluwers Health / Adis International _ Roma 24_25 January 2008 • "Stem cell transplantation for autoimmune diseases and age_associated diseases (including diabetes mellitus) held by Prof.Susum Ikehara – IFC CNR Pisa – 2 April 2008 • "Philadelphia_positive leukemias: update & subjective experiences – Workshop gestione di pazienti con LMC in fase cronica" – Pisa – 22 aprile 2008 • "X Congress of the Italian Society for Experimental Hematology (SIES)" _ Bari – 24_26 September 2008 • "Ehrlich II _ 2nd World Conference on Magic Bullets" – Nurnberg, Germany, 3_5 October 2008 • "Indolent non_follicular lymphomas : focus in treatment of the elderly patient" – Pisa, 24 October 2008 • "7th National Congress of the Italian Society for Infectious and Tropical Diseases (SIMIT) – Bergamo, Italy, 19_22 November 2008 • "Diagnosis and treatment of lymphomas" – Department of Oncology, Transplants and New Technologies in Medicine _ Pisa _ 27_29 November 2008 • "9th National Conference on Bacterial Infections – IBAT2009" – Naples – 28_31 January 2009 • Antisoma Investigator Meeting to discuss Protocol 0001A3_300_GL "Phase 3 open_label randomized study of amonafide L_malate in combination with cytarabine compared to daunorubicin in combination with cytarabine in patients with secondary acute myeloid leukemia (AML)" – Budapest – 15 May 2009 • 4th Congress of the European Hematology Association (EHA) – Berlin – 4_7 June 200 • "Updates in hematology", Prof.M.Petrini, Pisa, Italy : • "Discussing about multiple myeloma " _ 5 June 2004 • "Chronic myeloid leukemia and myelodysplastic syndromes" _ 8 July 2004 • "Discussing about lymphoma therapy " _ 20 September 2004 • "Global therapy in chronic lymphocytic leukemia " _ 16 October 2004 • "Ph_negative myeloproliferative diseases" – 13 November 2004 • "Chronic lymphocytic leukemia and indolent lymphomas " – 17 December 2004 • "Acute myeloblastic leukemia " _ Prof.M.Petrini – 25 May 2005 • "Aggressive lymphomas" – Prof.M.Petrini –17 September 2005 • "Indolent lymphomas with poor prognosis" – Prof.M.Petrini – 4 November 2005 • seminars at Polo Scientifico, Sesto Fiorentino, Florence, Italy : • "Extranodal non_Hodgkin lymphomas" –7 October 2005 • "Imatinib_resistant chronic myeloid leukemia" – 25 November 2005 • seminars at Aula Magna of Rettorato of Florence University, piazza San Marco 4 • I International Florence Forum on Hematology: "Acute Lymphoblastic Leukemia – Where we are" – 28 October 2005 • II International Florence Meeting in Hematology : "Focus on "Ph_negative chronic myeloproliferative disorders" – 27 October 2006 • seminars at the International Centre for Genetic Engineering and Biotechnology (ICGEB), Trieste : • "Viruses and DNA repair: new lessons from the battleground of virus_host interactions" – Prof. Matthew Weitzman _ The Salk Institute, La Jolla, CA, USA _ 21 December 2004 • "The IgE antigen receptor _ a key regulator of the IgE response in vivo" – Prof. Gernot Achatz; Department of Molecular Biology, Division of Allergy and Immunology, University of Salzburg, Austria _ 4 March 2005 • courses at Ecole Normale Supérieure, Pisa • "Molecular Immunology" _ Prof.Oscar Roberto Burrone, ICGEB Trieste Molecular Immunology group leader _ May 2003, 11_18 May 2004, and 9_17 May 2005 • "Molecular Medicine" _ Prof. Mauro Giacca, ICGEB director and ICGEB Trieste Molecular Medicine group leader _ February_ May 2003 • "Retroviruses and lentiviral vectors " – Dr. Anna Cereseto _ 21 March 2005 • "Stem cells and their therapeutic applications " _ Prof. Mauro Giacca _ 9 May 2005 • lessons of School of Specialization in Internal Medicine – University of Pisa _ 2005 : • "Stem cells : uses in hematology " _ 22 April 2005 _ Prof. M.Petrini, Prof.F.Papineschi • "Lymphoproliferative diseases " _ 5 May 2005 _ Prof. M.Petrini, Dr. R.Ricconi • seminars at Faculty of Medicine, Pisa : • "Anemia and cardiovascular risk in nephropathics " _ 10 May 2005 _ Prof.Barsotti, Prof.Rindi • "Hematology and transfusion medicine : integrated competences for assistance to the haemopathic patient" – Montecatini Terme, Pistoia, Italy – 21 October 2005 • "From whole genome to single gene" _ Retrovirus Center _ Pisa _ 29 April 2004 • "Meeting of the Italian Society for Experimental Hematology" – Florence, Italy – 24 October 2005 • Roundtable "Essential thrombocytopenia : case reports and therapeutic options" National Medicine Academy. Pisa. 10 July 2007 • Diego Cantarovich – "The pancreas study" – U.O. Chirurgia Generale e Trapianti nel Diabetico e nell'Uremico – University of Pisa – 5 March 2010 • Discutiameone Insieme SIES – "Role of anti_tumor vaccination and cellular immunotherapy in hematology" – Florence – 18 March 2010 • 1st Congress of Molecular Oncohematology – Turin – 26_28 March 2010 • "Medical aspects of organ transplantation" – Pisa _ 7 May 2010 • "Stem cells and regenerative therapy" – Pisa – 15 May 2010 • "Immune_related gene polymorphism in Health and Disease" – 24th European Immunogenetics and Histocompatibility Conference (EFI) – 17th Annual Meeting of the Italian Society for Immunogenetics and Transplantation Biology (AIBT) – Florence _ 15_18 May 2010 • Rene' Duquesnoy _ "HLA MatchMaker" _ Pisa – 21 May 2010 • "XV Update course of the Italian Society of Emapheresis and Cell Manipulation (StEM)" – Rome – 24 September 2010 • "HLA e malattie : come, quando e perché" Corso FAD dell'AIBT -- December 2010 • "1st Pisa meeting on pending issues in transplantation : Paired kidney exchange" – Pisa – 21 January 2011 • 2nd Annual course about pharmacogenetics. Future perspectives in cancer treatment: clinics and labs, insoluble realities – Pisa – 4 febbraio 2011 • 22nd Congress of the Associazione Interregionale Trapianti (AIRT) – Bologna _ 7_9 April 2011 • 3rd Mesenchymal Stem Cells in Solid Organ Transplantation (MiSOT) expert meeting – Leuven – 18_19 April 2011 • 25th European Immunogenetics and Histocompatibility Conference – Praha, Czech Republic – 4_7 May 2011 • 3rd translational workshop of the Italian Society for Experimental Hematology (SIES) – Perugia – 19_20 May 2011 • Corporate symposium by Miltenyi Biotec "Antibodies and kidney transplantation: an update" – Bologna _ 31 May 2011 • 15th Congress of the European Society for Organ Transplantation – Glasgow – 4_7 September 2011 • The Donor Surgeon – Naples – 30 November_2 December 2011 • "Updates in transfusion medicine and cell and tissue banking" – AOUP – 21 January_13 December 2011 (42 CME credits) • "EFI 2011 accreditation: update and discussion of guidelines and protocols" – AOUP – 22/1_5/11/2011 (20 CME credits) • "1st technical meeting of the South Transplant Alliance" –

National Institute of Health _ Rome – 1 October 2012 • Technical meeting on living donor kidney transplantation _ Centro Nazionale Trapianti _ Rome – 22 November 2012 • 27th European Immunogenetics and Histocompatibility Conference – Maastricht – The Netherlands – 11_14 May 2013 • 16th Congress of the European Society for Organ Transplantation (ESOT) – Vienna – 8_11 September 2013 • 10th International Summer School on Immunogenetics by European Federation of Immunogenetics (EFI) & American Society for Histocompatibility and Immunogenetics (ASHI) – Stintino – Italy – 15_18 September 2013 • 20th National Congress of the Italian Society for Immunogenetics and Transplant Biology (AIBT) – Pisa – Italy – 3_5 October 2013 • winner of contest “Medical writing for Excellence . How to develop effective abstracts, manuscripts and posters on severe infections” — Wolters_Kluwers Health / Adis International _ Rome 24_25 January 2008 • winner of third contest Associazione Donatori Midollo Osseo (ADMO) 2010 for the best research project on unrelated donor hematopoietic stem cell transplantation – Turin – 2 October 2010 • winner of Emilio Sergio Curtoni Award 2010 by Associazione Interregionale Trapianti (AIRT) as distinguished young researcher in the field of organ donation and transplantation – Bologna – 21 February 2011 • winner of the Mini Oral Presentation Award for abstract “Luminex screening for donor_specific anti_HLA antibodies in pancreas transplant alone” at the 15th Congress of the European Society for Organ Transplantation (ESOT 2011) • winner of the Piero Martino Award 2012 by the Italian Society for Experimental Hematology (SIES) as distinguished young researcher in the field of infectious complications in hematology – Rome – 18 October 2012 • winner of the Julia Bodmer Award 2013 as best European young immunogeneticist – European Federation of Immunogenetics (EFI) _ Maastricht _12 May 2013 • winner of the Italian Society of Hematology (SIE)/Italian Society against Leukemias, Lymphomas and Myeloma (AIL) bursary 2013 – Verona – 20 October 2013 • 3rd position in the Final Contest of Under 40 in Hematology – Turin – 15 November 2013 Indexed in Marquis Who’s Who in the World since 2007 Edition • European Federation of Immunogenetics (EFI) (2011_2013) : registrar 1776 • The Transplantation Society (TTS) e Cell Transplant Society (CTS) (2013_014) • European Society for Organ Transplantation (ESOT) (2011, 2014) : registrar 1826268 • Italian Association for Immunogenetics and Transplant Biology (AIBT) (2010, 2013) • European Society of Hematology (ESH) (2009) : registrar 7841 • Italian Society of Hematology (SIE) (2009, 2013): registrar 1001 • Italian Society of Experimental Hematology (SIES) (2006_2012) : registrar 420 • Society for Leukocyte Biology (2008_2009) • Stem Cell Research (SCR) Italy (2014)

Projects

Memberships

Member of the Editorial Advisory Board of the following medical journals : 1. The Open Virology Journal since 2007 (<http://www.bentham.org/open/tovj/EBM.htm>) 2. World Journal of AIDS since 2010 (<http://www.scirp.org/Journal/EditorialBoard.aspx?JournalID=511>) 3. World Journal of Virology since 2011 (http://www.wjgnet.com/2220_3249/edboard_230.htm) 4. Conference Papers in Medicine since 2012 (<http://www.cpis.com/journals/medicine/editors>) 5. Journal of Biological Research & Development since 2013 (http://www.iprobegrp.com/lseg_jbrd/members) 6. Enliven : Journal of Genetics, Molecular & Cellular Biology since 2013 (<http://enlivenarchive.org/Genetic.html#view3>) 7. International Journal of Pharma Sciences and Research since 2014 (http://www.ijpsr.info/ijpsr_editorial_board.php) 8. International Journal of HIV/AIDS and Research (IJHR) (http://scidoc.org/editorial_board.php?id=29) 9. International Journal of Immunology and Immunotherapy since 2015 (http://clinmedlibrary.com/International_Journal_of_Immunology_and_Immunotherapy/immunology_editorial_board.php) 10. International Journal of Cancer Immunology & Immunotherapy since 2015 (http://www.graphyonline.com/journal/journal_editorial_board.php?journalid=IJCI) 11. Austin Journal of Clinical Immunology since 2015 (http://austinpublishinggroup.com/clinical_immunology/editorialboard.php) 12. Trends in HIV/AIDS since 2015 (http://excelyticspublishers.com/trends_in_hiv_aids/editorial_board.php) 13. ACR Journal of Surgery since 2015 (https://www.arcjournals.org/journal_of_surgery/editorial_board) 14. SRL Immunology and Immunotherapy since 2015 (<http://scireslit.com/Immunology/editorsJ.php>) 15. Austin Clinical Microbiology since 2015 (http://austinpublishinggroup.com/clinical_microbiology/) 16. Canadian Journal of Infectious Diseases and Medical Microbiology since 2016 (<http://www.hindawi.com/journals/cjidmm/editors/>) 17. Open Access Journal of Science and Technology since 2016 (<http://www.agialpress.com/journals/oajost/editorialboard/>) Member of the EFI Website Working group since 2011. Ministerial appointments : • Member of the workgroup of the Italian National Transplant Centre (CNT) (Italian Ministry of Health) for transplant desensitization protocols since 2010. • Member of the workgroup of the Italian National Transplant Centre (CNT) (Italian Ministry of Health) for paired kidney exchanges since 2012. • Expert referee of the 2009 AIDS Research projects for Italian Ministry of Health. • Expert referee of the 2015 La Sapienza University Research Projects • ESTAR Technical Committee “New software for the Tuscan Transfusion System” (2016)

Other Relevant Information

none