

## Selezione pubblicazioni del Dipartimento Malattie Infettive Parassitarie ed Immunomediate, anno 2008

- Aloisi F, Columba-Cabezas S, Franciotta D, Rosicarelli B, Magliozzi R, Reynolds R, Ambrosini E, Coccia E, Salvetti M, Serafini B. Lymphoid chemokines in chronic neuroinflammation. *Journal of Neuroimmunology*. 2008;198(1-2):106-12.
- Alvar J, Aparicio P, Aseffa A, den Boer M, Cañavate C, Dedet J, Gradoni L, Ter Horst R, Lopez-Vélez R, Moreno J. The relationship between Leishmaniasis and AIDS: the second 10 years. *Clinical Microbiology reviews*. 2008;21(2):334-359.
- Angiolella L, Stringaro AR, De Bernardis F, Posteraro B, Bonito M, Toccaceli L, Torosantucci A, Colone M, Sanguinetti M, Cassone A, Palamara AT. Increase of virulence and its phenotypic traits in drug-resistant strains of *Candida albicans*. *Antimicrobial Agents and Chemotherapy*. 2008;52(3):927-936.
- Arciola CR, Baldassarri L, Campoccia D, Creti R, Pirini V, Huebner J, Montanaro L. Strong biofilm production, antibiotic multi-resistance and high *gelE* expression in epidemic clones of *Enterococcus faecalis* from orthopaedic implant infections. *Biomaterials*. 2008;29(5):580-586.
- Armignacco O, Caterini L, Marucci G, Ferri F, Bernardini G, Natalini Raponi G, Ludovisi A, Bossù T, Gomez Morales MA, Pozio E. Human illnesses caused by *Opisthorchis felinus* flukes, Italy. *Emerging infectious diseases*. 2008;14(12):1902-1905.
- Bajer A, Bednarska M, Cacciò SM, Wolska-Kuśnierz B, Heropolitanska-Pliszka E, Bernatowska E, Wielopolska M, Paziewska A, Welc-Falęciak R, Siński E. Genotyping of *Cryptosporidium* isolates from human clinical cases in Poland. *Parasitology Research*. 2008;103(1):37-42.
- Bhaskaran K, Mussini C, Antinori A, Walker AS, Dorrucchi M, Sabin C, Phillips A, Porter K, CASCADE consortium. Changes in the incidence and predictors of human immunodeficiency virus-associated dementia in the era of highly active antiretroviral therapy. *Annals of neurology*. 2008;63(2):213-221.
- Boirivant M, Amendola A, Butera A, Sanchez M, Xu L, Marinaro M, Kitani A, Di Giacinto C, Strober W, Fuss IJ. A transient breach in the epithelial barrier leads to regulatory T-cell generation and resistance to experimental colitis. *Gastroenterology*. 2008;135(5):1612-1623.
- Bonura A, Gulino L, Trapani A, Di Felice G, Tinghino R, Amoroso S, Geraci D, Valenta R, Westritschnig K, Scala E, Mari A, Colombo P. Isolation, expression and immunological characterization of a calcium binding protein from *Parietaria* pollen. *Molecular Immunology*. 2008;45(9):2465-2473.
- Brick K, Watanabe J, Pizzi E. Core promoters are predicted by their distinct physicochemical properties in the genome of *Plasmodium falciparum*. *Genome biology*. 2008;9(12):R178.

- Broglia A, Reckinger S, Cacció SM, Nöckler K. Distribution of *Cryptosporidium parvum* subtypes in calves in Germany. *Veterinary Parasitology*. 2008;154(1-2):8-13.
- Cacció SM, Beck R, Lalle M, Marinculic A, Pozio E. Multilocus genotyping of *Giardia duodenalis* reveals striking differences between assemblages A and B. *International Journal for Parasitology*. 2008;38:1523-1531.
- Cacció SM, Ryan U. Molecular epidemiology of giardiasis. *Molecular and Biochemical Parasitology*. 2008;160(2):75-80.
- Campoccia D, Baldassarri L, Pirini V, Ravaioli S, Montanaro L, Arciola CR. Molecular epidemiology of *Staphylococcus aureus* from implant orthopedic infections: ribotypes, agr polymorphism, leukocidal toxins and antibiotic resistance. *Biomaterials*. 2008;29(30):4108-4116.
- Cantón R, Novais Â, Carattoli A, Poirel L, Pitout JD, Peixe L, Baquero F, Cantón R, Nordmann P. Dissemination of clonally related *Escherichia coli* strains expressing the extended spectrum beta-Lactamase CTX-M-15. *Emerging infectious diseases*. 2008;14(2):195-200.
- Capobianco F, Butteroni C, Barletta B, Corinti S, Afferni C, Tinghino R, Boirivant M, Di Felice G. Oral sensitization with Shrimp Tropomyosin induces in mice allergen-specific IgE, T cell response and systemic anaphylactic reactions. *International Immunology*. 2008;20(8):1077-1086.
- Cassone A. Fungal vaccines: real progress from real challenge. *Lancet infectious diseases*. 2008;8(2):114-124.
- Coccia EM. IFN regulation and functions in myeloid dendritic cells. *Cytokine & Growth Factor Reviews*. 2008;19(1):21-32.
- de Koning-Ward T, Olivieri A, Bertuccini L, Hood A, Silvestrini F, Charvalias K, Berzosa Díaz P, Camarda G, McElwain T, Papenfuss T, Healer J, Baldassarri L, Crabb BS, Alano P, Ranford-Cartwright LC. The role of osmiophilic bodies and Pfg377 expression in female gametocyte emergence and mosquito infectivity in the human malaria parasite *Plasmodium falciparum*. *Molecular microbiology*. 2008;67(2):278-290.
- Di Felice G, Barletta B, Butteroni C, Corinti S, Tinghino R, Colombo P, Boirivant M. Use of probiotic bacteria for prevention and therapy of allergic diseases: studies in mouse model of allergic sensitization. *Journal of Clinical Gastroenterology*. 2008;42(Supp.39):S130-S132.
- Di Girolamo F, Raggi C, Birago C, Pizzi E, Lalle M, Picci L, Pace T, Bachi A, de Jong J, Janse CJ, Waters AP, Sargiacomo M, Ponzi M. *Plasmodium* lipid rafts contain proteins implicated in vesicular trafficking and signalling as well as members of the PIR superfamily, potentially implicated in host immune system interactions. *Proteomics*. 2008;8(12):2500-2513.
- Dujardin J, Campino L, Cañavate C, Dedet J, Gradoni L, Soteriadou K, Mazeris A, Ozbel Y, Boelaert M. Spread of vector-borne diseases and neglect of Leishmaniasis, Europe. *Emerging infectious diseases*. 2008;14(7):1013-1018.

- Faraj C, Ouahabi S, Adlaoui E, Boccoloni D, Romi R, El Aouad R. Etude du risque de réémergence du paludisme au Maroc : Analyse du potentiel paludogène d'une zone rizicole au nord du pays. *Parasite*. 2008;15(4): 605-610.
- Fedele G, Nasso M, Spensieri F, Palazzo R, Frasca L, Watanabe M, Ausiello CM. Lipopolysaccharides from *Bordetella pertussis* and *Bordetella parapertussis* differently modulate human dendritic cell functions resulting in divergent prevalence of Th17-polarized responses. *Journal of immunology*. 2008;181(1):208-216.
- Fina D, Sarra M, Fantini MC, Rizzo A, Caruso R, Caprioli F, Stolfi C, Cardolini I, Dottori M, Boirivant M, Pallone F, MacDonald TT, Monteleone G. Regulation of gut inflammation and th17 cell response by interleukin-21. *Gastroenterology*. 2008;134(4):1038-1048.
- Flex E, Petrangeli V, Stella L, Chiaretti S, Hornakova T, Knoops L, Ariola C, Fodale V, Clappier E, Paoloni F, Martinelli S, Fragale A, Sanchez M, Tavolaro S, Messina M, Cazzaniga G, Camera A, Pizzolo G, Tornesello A, Vignetti M, Battistini A, Cavé H, Gelb BD, Renauld J, Biondi A, Constantinescu SN, Foà R, Tartaglia M. Somatically acquired JAK1 mutations in adult acute lymphoblastic leukemia. *Journal of experimental medicine*. 2008;205(4):751-758.
- Fragale A, Gabriele L, Stellacci E, Borghi P, Perrotti E, Ilari R, Lanciotti A, Remoli AL, Venditti M, Belardelli F, Battistini A. IFN regulatory factor-1 negatively regulates CD4+CD25+ regulatory T cell differentiation by repressing foxp3 expression. *Journal of immunology*. 2008;181(3):1673-1682.
- Frasca L, Nasso M, Spensieri F, Fedele G, Palazzo R, Malavasi F, Ausiello CM. IFN-gamma arms human dendritic cells to perform multiple effector functions. *Journal of immunology*. 2008;180(3):1471-1481.
- Gómez-Morales MA, Ludovisi A, Amati M, Cherchi S, Pezzotti P, Pozio E. Validation of an ELISA for the diagnosis of human trichinellosis. *Clinical and Vaccine Immunology*. 2008;15(11):1723-1729.
- Gradoni L, Soteriadou K, Louzir H, Dakkak A, Toz SO, Jaffe C, Dedet JP, Campino L, Cañavate C, Dujardin JC. Drug regimens for visceral leishmaniasis in Mediterranean countries. *Tropical Medicine & International Health*. 2008;13(10):1272-1276.
- Jarrin I, Geskus R, Bhaskaran K, Prins M, Santiago P, Muga R, Ildefonso H, Meyer L, Porter K, del Amo J, CASCADE Collaboration. Gender differences in HIV progression to AIDS and death in industrialized countries: slower disease progression following HIV seroconversion in women. *American journal of epidemiology*. 2008;168(5):532-540.
- Kremer JR, Brown KE, Jin L, Santibanez S, Sergey V, Shulga V, et al, Magurano F, Fortuna C. High genetic diversity of measles virus, World Health Organization European Region, 2005–2006. *Emerging infectious diseases*. 2008;14(1):107-114.
- Lande R, Gafa V, Serafini B, Giacomini E, Visconti A, Remoli ME, Severa M, Parmentier M, Ristori G, Salvetti M, Aloisi F, Coccia EM. Plasmacytoid dendritic cells in multiple sclerosis:

intracerebral recruitment and impaired maturation in response to interferon- $\beta$ . *Journal of neuropathology and experimental neurology*. 2008;67(5):388-401.

- Margutti P, Matarrese P, Conti F, Colasanti T, Delunardo F, Capozzi A, Garofalo T, Profumo E, Riganò R, Siracusano A, Alessandri C, Salvati B, Valesini G, Malorni V, Sorice M, Ortona E. Autoantibodies to the C-terminal subunit of RLIP76 induce oxidative stress and endothelial cell apoptosis in immune-mediated vascular diseases and atherosclerosis. *Blood*. 2008;111(9):4559-4570.
- Mariotti S, Sargentini V, Marcantonio C, Todero E, Teloni R, Gagliardi MC, Ciccaglione AR, Nisini R. T-cell-mediated and antigen-dependent differentiation of human monocyte into different dendritic cell subsets: a feedback control of Th1/Th2 responses. *FASEB journal*. 2008;22(9):3370-3379.
- Maroli M, Rossi L, Baldelli R, Capelli G, Ferroglio E, Genchi C, Gramiccia M, Mortarino M, Pietrobelli M, Gradoni L. The northward spread of leishmaniasis in Italy: evidence from retrospective and ongoing studies on the canine reservoir and phlebotomine vectors. *Tropical Medicine & International Health*. 2008;13(2):256-264.
- Martinelli S, Torrerì P, Tinti M, Stella L, Bocchinfuso G, Flex E, Grottesi A, Ceccarini M, Palleschi A, Cesareni G, Castagnoli L, Petrucci TC, Gelb BD, Tartaglia M. Diverse driving forces underlie the invariant occurrence of the T42A, E139D, I282V and T468M SHP2 amino acid substitutions causing Noonan and LEOPARD syndromes. *Human molecular genetics*. 2008;17(13):2018-2029.
- Menegon M, Sannella AR, Majori G, Severini C. Detection of novel point mutations in the Plasmodium falciparum ATPase6 candidate gene for resistance to artemisinins. *Parasitology International*. 2008;57(2):233-235.
- Merckx A, Nivez MP, Bouyer G, Alano P, Langsley, Deitsch K, Thomas S, Doerig C, Egée. Plasmodium falciparum regulatory subunit of cAMP-dependent PKA and anion channel conductance. *PloS Pathogens*. 2008.4(2): e19.
- Nicoletti L, Ciccozzi M, Marchi A, Fiorentini C, Martucci P, D'Ancona F, Ciofi Degli Atti ML, Pompa MG, Rezza G, Ciufolini MG. Chikungunya and Dengue viruses in travelers [letter]. *Emerging infectious diseases*. 2008;14(1):177-178.
- Olivieri A, Silvestrini F, Sanchez M, Alano P. A 140 bp sequence mediates positive and negative transcriptional control to a Plasmodium falciparum developmentally regulated promoter. *International Journal for Parasitology*. 2008;38(3-4):299-312.
- Putignani L, Possenti A, Cherchi S, Pozio E, Crisanti A, Spano F. The thrombospondin-related protein CpMIC1 (CpTSP8) belongs to the repertoire of micronemal proteins of Cryptosporidium parvum. *Molecular and biochemical Parasitology*. 2008;157(1):98-101.
- Rosenthal BM, La Rosa G, Zarlenga DS, Dunams D, Chunyu Y, Mingyuan L, Pozio E. Human dispersal of Trichinella spiralis in domesticated pigs. *Infection, Genetics and Evolution*. 2008;8(6):799-805.

- Russo G, Pasquali P, Nenova R, Alexandrov T, Ralchev S, Vullo V, Rezza G. Reemergence of human and animal brucellosis in Bulgaria. *Emerging infectious diseases*. 2008;15(2):314-316.
- Sannella AR, Casini A, Gabbiani C, Messori L, Bilia AR, Vincieri FF, Majori G, Severini C. New uses for old drugs. Auranofin, a clinically established antiarthritic metallodrug, exhibits potent antimalarial effects in vitro: Mechanistic and pharmacological implications. *FEBS letters*. 2008;582(6):844-847.
- Schepers K, Swart E, van Heijst J, Gerlach C, Castrucci MR, Sie D, Heimerikx M, Velds A, Kerkhoven R, Arens R, Schumacher TNM. Dissecting T cell lineage relationships by cellular barcoding. *Journal of experimental medicine*. 2008;205(10):2309-2318.
- Scottà C, Garbuglia AR, Ruggeri L, Spada E, Laurenti L, Perrone MP, Girelli G, Mele A, Capobianchi MR, Folgori A, Nicosia A, del Porto P, Piccolella E, Acute Hepatitis C Italian Study Group. Influence of specific CD4+ T cells and antibodies on evolution of hypervariable region 1 during acute HCV infection. *Journal of hepatology*. 2008;48(2):216-228.
- Sgarbanti M, Remoli AL, Marsili G, Ridolfi B, Borsetti A, Perrotti E, Orsatti R, Ilari R, Sernicola L, Stellacci E, Ensoli B, Battistini A. IRF-1 is required for full NF-κB transcriptional activity at the human immunodeficiency virus type 1 long terminal repeat enhancer. *Journal of virology*. 2008;82(7):3632-3641.
- Schönian G, Mauricio I, Gramiccia M, Canavate C, Boelaert M, Dujardin JC. Leishmaniasis in the Mediterranean in the era of molecular epidemiology. *Trends in Parasitology*. 2008;24(3):135-142.
- Torcia M, Santarlaschi V, Cosmi L, Clemente A, Maggi L, Mangano V, Verra F, Bancone G, Nebie I, Sirima B, Liotta F, Frosali F, Angeli R, Severini C, Sannella AR, Bonini P, Lucibello M, Maggi E, Garaci E, Coluzzi M, Cozzolino F, Annunziato F, Romagnani S, Modiano D. Functional deficit of T regulatory cells in Fulani, an ethnic group with low susceptibility to Plasmodium falciparum malaria. *Proceedings of the National Academy of Sciences of the United States of America (PNAS)*. 2008;105(2):646-651.
- Trevisano M. Response to combination antiretroviral therapy: variation by age. *AIDS*. 2008;22(12):1463-1473.
- Van Ree R, Chapman M, Ferreira F, Vieths S, Bryan D, Cromwell O, et al, Di Felice G, Pini C. The CREATE project: development of certified reference materials for allergenic products and validation of methods for their quantification. *Allergy*. 2008;63(3):310-326.