

*Editorials*

**E. Galliera, M. Locati, A. Mantovani and M.M. Corsi.** Chemokines and bone remodeling..... 485  
**F.Pandolfi, R. Cianci, S. Lollo, I.S. Dunn, E.E. Newton, T.J. Haggerty, L.A. Boyle and J.T. Kurnick.** Strategies to overcome obstacles to successful immunotherapy of melanoma..... 493

*Regulatory molecules*

**K. Inoue, H. Takano, R. Yanagisawa, M. Sakurai, A. Shimada, M. Satoh, S. Yoshino, K. Yamaki and T. Yoshikawa.** Antioxidative role of interleukin-6 in septic lung injury in mice..... 501  
**D. Kalogeromitros, M. Makris, C. Chliva, X. Aggelides, D. Kempuraj and T.C. Theoharides.** A quercetin containing supplement reduces niacin-induced flush in humans..... 509  
**J.R. Vivas, B. Régnault, V. Michel, F.I. Bussi re, P. Av , M. Huerre, A. Labigne, M.M. D'Elios and E. Touati.** Interferon  $\gamma$ -signature transcript profiling and IL-23 upregulation in response to *Helicobacter pylori* infection..... 515  
**P. Papakonstantinou, N. Tziris, I. Kesisisoglou, A. Gotzamani-Psarrakou, Chr. Tsonidis, M.N. Patsikas and L.G. Papazoglou.** Impact of porcine orexin A on glucagon plasma concentrations in pig..... 527  
**B. Cinque, D. Fanini, L. Di Marzio, P. Palumbo, C. La Torre, V. Donato, E. Velardi, S. Bruscoli, C. Riccardi and M.G. Cifone.** Involvement of cPLA<sub>2</sub> inhibition in dexamethasone-induced thymocyte apoptosis..... 539

*Clinical Immunology*

**A. Vojdani.** Antibodies as predictors of complex autoimmune diseases and cancer..... 553  
**Y. Shimizu, K. Dobashi, T. Kusakbe, T. Nagamine, M. Oikawa, T. Satoh, J. Haga, Y. Ishii, T. Ohkubo, T. Kamiya, K. Arakawa, T. Sano, S. Tanaka, K. Shimizu, S. Matsuzaki, M. Utsugi and M. Mori.** In-air micro-particle induced X-ray emission analysis of asbestos and metals in lung tissue..... 567  
**T.E.O. Schubert, F. Obermaier, P. Ugocsai, D.N. M nnel, B. Echtenacher, F. Hofst dter and P. Haerle.** Murine models of anaemia of inflammation: extramedullary haematopoiesis represents a species specific difference to human anaemia of inflammation that can be eliminated by splenectomy..... 577  
**M. Pieri, N. Miraglia, A. Gentile, G. Polichetti, L. Castiglia, S. Federico, M. Sabbatini, V. Basile, G. Tarantino, A. Acampora and D. Capone.** Quantification of sirolimus and everolimus by immunoassay techniques: test specificity and cross-reactivity evaluation..... 585  
**M. Orciani, M. Emanuelli, C. Martino, A. Pugnaroni, A.L. Tranquilli and R. Di Primio.** Potential role of culture mediums for successful isolation and neuronal differentiation of amniotic fluid stem cells..... 595  
**V. Calvisi and S. Lupparelli.** C-reactive protein changes in the uncomplicated course of arthroscopic anterior cruciate ligament reconstruction..... 603  
**F. Marcucci, C. Incorvaia, L. Sensi, G. Di Cara, G. Cadario, A. Cavaliere, P. Moingeon, P. Puccinelli, M. Di Gioacchino and F. Frati.** Lack of inflammatory cells in the oral mucosa of subjects undergoing sublingual immunotherapy..... 609  
**F. Barbisan, R. Mazzucchelli, A. Santinelli, D. Stramazotti, M. Scarpelli, A. Lopez-Beltran, L. Cheng and R. Montironi.** Immunohistochemical evaluation of global DNA methylation and histone acetylation in papillary urothelial neoplasm of low malignant potential..... 615  
**A. Varricchio, M. Capasso, M. Di Gioacchino and G. Ciprandi.** Inhaled thiamphenicol and acetylcysteine in children with acute bacterial rhinopharyngitis..... 625  
**P. Stratta, C. Marcuccio, A. Campo, L. Sandri, A. Messuerotti, L. Colla, S. Rosso, G. Mazzucco, L. Mariani and G. Ciccone.** Improvement in relative survival of patients with vasculitis: study of 101 cases compared to the general population..... 631  
**P. Cordiali-Fei, M. Ardigo, A. Mastroianni, A. Giuliani, G. D'Agosto, V. Bordignon, E. Trento, A. Vento and E. Berardesca.** Serum cytokines and biomoral immunological characterization of psoriatic patients in long term etanercept treatment..... 643  
**C. Mannari, S. Santi, M. Migliori, C. Filippi, N. Origlia, M. Sans , E. Boldrini and L. Giovannini.** Sucralfate modulates uPAR and EGFR expression in an experimental rat model of cervicitis..... 651  
**D. Caccavo, A. Afeltra, A. Rigon, M. Vadacca, B.B. Zobel, D. Zennaro, L. Arcarese, F. Buzzulini, N.M. Pellegrino and A. Amoroso.** Antibodies to carbonic anhydrase in patients with connective tissue diseases: relationship with lung involvement..... 659  
**G. Patriarca, E. Nucera, C. Roncallo, A. Aruanno, C. Lombardo, M. Decinti, L. Pascolini, M. Milani, A. Buonomo and D. Schiavino.** Sublingual desensitization in patients with wasp venom allergy: preliminary results..... 669  
**A. Merla, L. Di Donato, G.L. Romani, M. Proietti and F. Salsano.** Comparison of thermal infrared and laser doppler imaging in the assessment of cutaneous tissue perfusion in scleroderma patients and healthy controls..... 679  
**R. Martuscelli, M.C. Maltarello, N.M. Maraldi, C. Sbordone and L. Sbordone.** Histological and clinical survey of polylactic-polyglycolic acid and dextrane copolymer in maxillary sinus lift: a pilot *in vivo* study..... 687  
**C. Becchi, S. Pillozzi, L.P. Fabbri, M. Al Malyan, C. Cacciapuoti, C. Della Bella, M. Nucera, M. Masselli, S. Boncinelli, A. Arcangeli and A. Amedei.** The increase of endothelial progenitor cells in the peripheral blood: a new parameter for detecting onset and severity of sepsis..... 697

*Microbial Immunology*

**M. Nicoletti, I. Santino, A. Petrucca, F. Del Chierico, S. Cannavacciuolo, M. Casalino, R. Sessa and P. Cipriani.** Evaluation by real-time PCR of the expression of *S. Flexneri* virulence-associated genes *ospB* and *phoN2* under different genetical backgrounds..... 707  
**C. Longhi, A. Cossu, V. Iebba, M.R. Massaro, D. Cipriani, F. Chiarini, M.P. Conte, L. Seganti, J. Osborn and S. Schippa.** Virulence traits in *Escherichia coli* strains isolated from outpatients with urinary tract infections..... 715

*Letters to the Editor*

**A. Katsarou, M. Makris, G. Zarafonitis, E. Lagogianni, S. Gregoriou and D. Kalogeromitros.** Photoallergic contact dermatitis: the 15-year experience of a tertiary reference center in a sunny Mediterranean city..... 725  
**V. Sblendorio, B. Palmieri and G. Riccioni.** Blood cholesterol concentration measured by CR3000: fingerstick versus venous sampling..... 729  
**F. Cardinale, I. Chinellato, G.L. Marseglia, E. Nettis, A. Polizzi, M.S. Loffredo, T. Santostasi, R. Tesse, P. Trerotoli, D. Di Monte and L. Armenio.** Prevalence of atopic symptoms among blood donor carriers of mannose-binding lectin variant alleles..... 735  
**A. Finocchi, P. Palma, G. Di Matteo, M. Chiriaco, L. Lancella, A. Simonetti, I. Rana, S. Livadiotti and P. Rossi.** Visceral leishmaniasis revealing chronic granulomatous disease in a child..... 739  
**D. Petrelli, A. Repetto, M.C. Di Luca, B. Parente, V. Tavolini, P. Cao, C. Ripa, M. Prena and L.A. Vitali.** Characterization of a *Staphylococcus aureus* strain showing high levels of biofilm formation isolated from a vascular graft: case report..... 745  
**L. Putignani, G. Antonucci, M.G. Paglia, L. Vincenzi, A. Festa, P. De Mori, L. Loiacono and P. Visca.** Cryptococcal lymphadenitis as a manifestation of immune reconstitution inflammatory syndrome in an HIV-positive patient: a case report and review of the literature..... 751  
**C. Guerriero, S. Manco, A. Paradisi, R. Capizzi, B. Fossati and G. Fabrizi.** Extragenital lichen sclerosus and atrophicus treated with topical steroids and retinoids in a child with vitiligo..... 757  
**G.L. Marseglia, M. Grignani, P. Civallero, B. Colombo, M. Di Gioacchino, A. Marchi, A. Perrone and G. Ciprandi.** Consequences of long-lasting persistent allergic rhinitis in adolescents..... 761