

Gomez Miguel MJ, Petrucci C, Topa S, Benedetti I, Pietrojasti A, Porowska B, Covotta A, Luzzi I. Cag pathogenicity island integrity and vacA genotypes in *H. pylori* strains from Italy, and association with peptic ulcer disease [abstract]. *International journal of medical microbiology* 2003; 293(Suppl 35).

Gonzalez M, Piccinini V, Regine V, Catalano L, Hassan HJ. Sorveglianza delle donazioni di sangue in Italia nell'anno 2000. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(3): 3-6.

Gradoni L, Gramiccia M, Scalzone A. Visceral leishmaniasis treatment, Italy. *Emerging infectious diseases* 2003; 9(12): 1617-1620.

Granata F, Potenza RL, Fiori A, Strom R, Caronti B, Molinari P, Donsante S, Citro G, Iacovelli L, De Blasi A, Ngomba RT, Palladini G, Passarelli F. Expression of OP4 (ORL1, NOP1) receptors in vascular endothelium. *European journal of pharmacology* 2003; 482(1): 17-23.

Grandolfo M, Donati S. Commento a: Indagine campionaria sul percorso nascita (Caserta 2001). *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(3): ii.

Grandolfo M, Mele A, Nuccetelli C, Risica S. Hodgkin's lymphomas in Italian soldiers deployed in Bosnia and Kosovo: could DU be a possible cause? [proceedings]. *Vinca Institute of Nuclear Sciences Bulletin* 2003; 8(Suppl 2): 535-540.

Grandolfo M. Normativa internazionale e nazionale per la limitazione delle esposizioni a campi elettromagnetici [proceedings]. *Giornale italiano di medicina del lavoro e ergonomia* 2003; 25(3): 376-377.

Grandolfo M. Pubblicati i primi decreti attuativi della legge quadro sulla protezione dai campi elettromagnetici. *Bollettino SIRR* 2003; 6(3): 10-12.

Grandolfo M, Mele A, Ferrigno L, Nuccetelli C, Risica S, Tosti ME. Uranio impoverito e linfomi di Hodgkin nei soldati italiani in Bosnia e Kosovo: una possibile associazione? *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(7/8): 3-10.

Greco D. Commento a: Epidemiologia dei servizi sanitari: dalle agenzie per i servizi sanitari regionali alle agenzie regionali straniere. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(2): ii-iii.

Greco A, Minghetti L, Puopolo M, Cannoni S, Romano S, Pozzilli C, Levi G. Cerebrospinal fluid isoprostanes are not correlated with inflammatory activity in relapsing-remitting multiple sclerosis. *Multiple sclerosis* 2003; 9(Suppl 1): S88.

Greco A, Ajmone-Cat MA, Nicolini A, Sciulli MG, Minghetti L. Paracetamol effectively reduces prostaglandin E2 synthesis in brain macrophages by inhibiting the enzymatic activity of cyclooxygenase, but not phospholipase and prostaglandin E synthase. *Journal of neuroscience research* 2003; 71(6): 884-852.

Greco D, Mele A. Statement in the titles of papers should be supported by evidence presented: transmission of hepatitis C virus in southern Italy. *Journal of medical virology* 2003; 71(3): 321-322.

Grelli S, D'Ettorre G, Lauria F, Montella F, Di Traglia L, D'Agostini C, Lichtner M, Vullo V, Favalli C, Vella S, Macchi B, Mastino A. CD4+ lymphocyte increases in HIV patients during potent antiretroviral therapy are dependent on inhibition of CD8+ cell apoptosis. *Annals of the New York academy of sciences* 2003; 1010: 560-564.

Grigioni M, Daniele C, Morbiducci U, Del Gaudio C, Balducci A, D'Avenio G, Barbaro V. Blood spiral flow quantification and its correlation with arterial stenosis: a numerical study of flow in s-shaped stenosed femoral arteries [abstract]. *International journal of artificial organs* 2003; 26(7).

Grigioni M, Daniele C, Del Gaudio C, Morbiducci U, Balducci A, D'Avenio G, Barbaro V. CFD study of a total cavo pulmonary connection: pressure losses evaluation for different pulmonary resistances [abstract]. *International journal of artificial organs* 2003; 26(7): 669.

Grigioni M, Amodeo A, Daniele C, D'Avenio G, Del Gaudio C, Morbiducci U, Romanelli C, Barbaro V, Di Donato RM. Esperienze di chirurgia e bioingegneria nelle patologie cardiache congenite. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(2): 14-18.

Grigioni M, Daniele C, Del Gaudio C, Morbiducci U, Balducci A, D'Avenio G, Amodeo A, Barbaro V, Di Donato RM. Numerical simulation of a realistic total cavo-pulmonary connection: effect of unbalanced pulmonary resistances on hydrodynamic performance. *International journal of artificial organs* 2003; 26(11): 1005-1014.

Grigioni M, Daniele C, Del Gaudio C, Morbiducci U, Balducci A, D'Avenio G, Barbaro V. Numerical simulation of the flow field downstream a mechanical bileaflet valve in a realistic aortic root [abstract]. *International journal of artificial organs* 2003; 26(7): 688.

Grigioni M, Daniele C, Romanelli C, Morbiducci U, D'Avenio G, Del Gaudio C, Barbaro V. Pathological patient in protocol definition for bench testing of mechanical cardiac support system. *International journal of artificial organs* 2003; 26(1): 64-72.

Grigioni M, Daniele C, Abbate M, D'Avenio G, Morbiducci U, Del Gaudio C, Barbaro V. Vascular stents: experiences with surveillance and testing [abstract]. *International journal of artificial organs* 2003; 26(7): 629.

Grosso MG, Sgadari C, Barillari G, Toschi E, Bacigalupo I, Carlei D, Palladino C, Baccarini S, Malavasi L, Moracci G, Leone P, Chiozzini C, Monini P, Ensoli B. Trattamento del sarcoma di Kaposi mediante gli inibitori della proteasi HIV. *Recenti progressi in medicina* 2003; 94(2): 69-74.

Gruppo di lavoro ricerca epidemiologica studi sugli effetti del sisma. Effetti sulla salute del terremoto di San Giuliano, 2002. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(9): iii-iv.

Harris JR, Willemsen G, Aitlahti T, Petrini C, Evans A, Silander K, Cirrincione R, Kyvik KO. Ethical issues and genomeUtwin. *Twin research* 2003; 6(5): 455-463.

Herwaldt BL, Cacciò SM, Gherlinzoni F, Aspock H, Slemenda SB, Piccaluga P, Martinelli G, Edelhofer R, Hollenstein U, Poletti G, Pampiglione S, Loschenberger K, Tura S, Pieniazek NJ. Molecular characterization of a non-Babesia divergens organism causing zoonotic babesiosis in Europe. *Emerging infectious diseases* 2003; 9(8): 942-948.

Hoorfar J, Cook N, Malorny B, Wagner M, De Medici D, Abdulmawjood A, Fach P. Making internal amplification control mandatory for diagnostic PCR. *Journal of clinical microbiology* 2003; 41(12): 5835.

Iacobini C, Amadio L, Oddi G, Ricci C, Barsotti P, Missori S, Sorcini M, Di Mario U, Pricci F, Pugliese G. Role of galectin-3 in diabetic nephropathy. *Journal of the American society of nephrology* 2003; 14(8 Suppl 3): S264-S270.

Iacopini F, Consolazio A, Bosco D, Marcheggiano A, Bella A, Pica R, Paoluzi OA, Crispino P, Rivera M, Mottolese M, Nardi F, Paoluzi P. Oxidative damage of the gastric mucosa in helicobacter pylori positive chronic atrophic and nonatrophic gastritis, before and after eradication. *Helicobacter* 2003; 8(5): 503-512.

Incarnato L, Scarfato P, Acierno D, Milana MR, Feliciani R. Influence of recycling and contamination on structure and transport properties of polypropylene. *Journal of applied polymer science* 2003; 89: 1768-1778.

Iorio E, Spadaro F, Ramoni C, D'Ascenzo S, Dolo V, Pavan A, Mezzanzanica D, Canevari S, Podo F. MRS signals of choline metabolites as indicators of tumour progression in human ovarian carcinoma cell lines [abstract]. *The Pezcoller Foundation journal* 2003; 11(20). Non c'è pagina?

Iorio E, Di Vito M, Spadaro F, Ramoni C, Lococo E, Carnevale R, Lenti L, Strom R, Podo F. Triacsin C inhibits the formation of 1H NMR-visible mobile lipids and lipid bodies in HuT 78 apoptotic cells. *Biochimica et biophysica acta-molecular and cell biology of lipids* 2003; 1634(1-2): 1-14.

Istituto Superiore di Sanità. Mappa delle strutture trasfusionali esistenti sul territorio nazionale (aggiornamento 2002). *Notiziario dell'Istituto Superiore di Sanità - Strumenti di Riferimento* 2003; 03(S1).

Ivanenko YP, Grasso R, Zago M, Molinari M, Scivoletto G, Castellano V, Macellari V, Lacquaniti F. Temporal components of the motor patterns expressed by the human spinal cord reflect global kinematic goals. *Journal of neurophysiology* 2003; 90: 3555-3565.

Jefferson T, Price D, Demicheli V, Bianco E, European Research Program for Improved Vaccine Safety Surveillance Project. Unintended events following immunization with MMR: a systematic review. *Vaccine* 2003; 21(25-26): 3954-3960.

Karcz-Kubicha M, Antoniou K, Terasmaa A, Quarta D, Solinas M, Justinova Z, Pezzola A, Reggio R, Muller CE, Fuxe K, Goldberg SR, Popoli P, Ferré S. Involvement of Adenosine A1 and A2A receptors in the motor effects of caffeine after its acute and chronic administration. *Neuropsychopharmacology* 2003; 28(7): 1281-91.

Karran P, Offman J, Bignami M. Human mismatch repair, drug-induced DNA damage, and secondary cancer. *Biochimie* 2003; 85(11): 1149-1160.

La Pera G, Giannotti CF, Taggi F, Macchia T. Prevalence of sexual disorders in those young males who later become drug abusers. *Journal of sex and marital therapy* 2003; 29(2): 149-156.

La Rosa G, Marucci G, Pozio E. Biochemical analysis of encapsulated and non-encapsulated species of Trichinella (Nematoda, Trichinellidae) from cold-and warm-blooded animals reveals a high genetic divergence in the genus. *Parasitology research* 2003; 91(6): 462-466.

La Rosa G, Marucci G, Zarlenga DS, Casulli A, Zarnke RL, Pozio E. Molecular identification of natural hybrids between *Trichinella nativa* and *Trichinella T6* provides evidence of gene flow and ongoing genetic divergence. *International journal for parasitology* 2003; 33(2): 209-216.

La Rosa G, Muscillo M, Sali M, De Carolis E, Adone R, Ciuchini F, Fasanella A. Studio delle sequenze geniche codificanti i fattori di virulenza nel ceppo vaccinale "Carbosap" di *B. anthracis* [abstract]. *Bollettino della SIM* 2003; 5(1): 116.

La Torre F, Cirilli R, Ferretti R, Gallinella B, Costi R, Di Santo R. Conversion of a racemic mixture of 8-chloro-2-(2,6-difluorophenylmethyl)-2,3-dihydro-3-methyl-1,2,5-benzothiadiazepin-4(5H)-one 1,1-

dioxide into a single enantiomer via a chromatographic resolution/racemization method. *Chirality* 2003; 15(5): 429-432.

Lagorio S. Commento a: Valutazione dei danni di salute in un campione di donne residenti nei pressi dell'aeroporto Malpensa 2000. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(4): ii-iii.

Lagorio S, Forastiere F, Pistelli R, Iavarone I, Fano V, Antonelli Incalzi R, Basso S, Benedetto RT, Della Corte AM, Fuso L, Maiolo C, Sammarro S, Serra M, Spadaro S, Tramaglino LM, Cattani G, Stacchini G, Marconi A, Ziemacki G, Ostro B. Inquinamento atmosferico e funzionalità cardiaca e respiratoria in tre gruppi di pazienti. *Annali dell'Istituto Superiore di Sanità* 2003; 39(3): 395-404.

Lande R, Coccia EM. Cellule dendritiche: fenotipo, aspetti funzionali e ruolo nelle patologie autoimmuni. *Progressi in reumatologia* 2003; 4(1): 13-21.

Lande R, Giacomini E, Grassi T, Remoli ME, Iona E, Miettinen M, Julkunen I, Coccia EM. IFN-alpha beta released by Mycobacterium tuberculosis-infected human dendritic cells induces the expression of CXCL10: selective recruitment of NK and activated T cells. *Journal of immunology* 2003; 170(3): 1174-1182.

Lande R, Grassi T, Giacomini E, Sebastiani GD, Minisola G, Valesini G, Riccieri V, Coccia AM. Presenza di cellule dendritiche plasmacitoidi nel liquido sinoviale di pazienti affetti da artrite reumatoide e artrite psoriasica [abstract]. *Progressi in reumatologia* 2003; 4(Suppl 1).

Lapenta C, Santini SM, Logozzi M, Spada M, Andreotti M, Di Pucchio T, Parlato S, Belardelli F. Potent immune response against HIV-1 and protection from virus challenge in hu-PBL-SCID mice immunized with inactivated virus-pulsed dendritic cells generated in the presence of IFN-alpha. *Journal of experimental medicine* 2003; 198(2): 361-367.

Lauria L, De Stavola BL. A district-based analysis of stillbirth and infant mortality rates in Italy: 1989-1993. *Paediatric and perinatal epidemiology* 2003; 17(1): 22-32.

Laviola G, Andersen SL. Brain development, sex differences and stress: implications for psychopathology. *Neuroscience and biobehavioral reviews* 2003; 27(1-2): 1-2.

Laviola G, Adriani W, Rea M, Aloe L. Neonatal asphyxia in an animal model: reduced interest to novel stimuli and social behaviour and exaggerated stereotyped syndrome during infancy and adolescence [abstract]. *European journal of paediatric neurology* 2003; 7(5): 282.

Laviola G, Macrì S, Morley Fletcher S, Adriani W. Risk-taking behavior in adolescent mice: psychobiological determinants and early epigenetic influence. *Neuroscience and biobehavioral reviews* 2003; 27(1-2): 19-31.

Leclercq C, Arcella D, Le Donne C, Piccinelli R, Sette S, Soggiu ME. Stochastic modelling of human exposure to food chemicals and nutrients within the "Montecarlo" project: an exploration of the influence of brand loyalty and market share on intake estimates of intense sweeteners from sugar-free soft drinks. *Toxicology letters* 2003; 140-141: 443-457.

Leopardi P, Zijno A, Marcon F, Conti L, Carere A, Verdina A, Galati R, Tomei F, Baccolo TP, Crebelli R. Analysis of micronuclei in peripheral blood lymphocytes of traffic wardens: effects of exposure, metabolic genotypes, and inhibition of excision repair in vitro by ARA-C. *Environmental and molecular mutagenesis* 2003; 41(2): 126-130.

L'équipe del Progetto. Valutazione della personalità e della modifica dei comportamenti a rischio in un campione di studenti: risultati e riflessioni. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(4): 14-16.

Lesniewska BA, Godlewska-Zylkiewicz B, Bocca B, Caimi SM, Hulanicki A, Caroli S. A preliminary investigation on platinum-group elements in dust and grass of the urban area of Bialystok (Poland) [abstract]. *ICP information newsletter* 2003; 29(5): 419.

Leto G, Masella R, Bresin A, Vari MR, Scazzocchio B, Giovannini C, Sorcini M, Di Mario U, Pricci F. High glucose and insulin modulate TGF-Beta and extracellular matrix (ECM) expression, and cell proliferation in 3T3-L1 Cells [abstract]. *Diabetes* 2003; 52(Suppl 1): A84.

Lisi D, Kondili LA, Ramieri MT, Giuseppetti R, Bruni R, Della Rocca C, De Santis A, Rapicetta M. Ultrasonography in the study of hepatocellular carcinoma in woodchucks chronically infected with WHV. *Laboratory animals* 2003; 37(3): 233-240.

Lligona Trulla L, Zbilut JP, Giuliani A. Putting relative complexity estimates to work: a simple and general statistical methodology. *Physica A* 2003; 319: 591-600.

Loizzo A. Epidemic of breast enlargement in some Italian schools: twenty years later. *Italian journal of pediatrics* 2003; 29: 4-5.

Loizzo A, Capasso A, Galletta G, Severini C, Campana G, Spampinato S. Vas deferens response to selective opioid receptor agonists in adult mice is impaired following postnatal repeated mild stress. *European journal of pharmacology* 2003; 458(1-2): 201-205.

Lozupone F, Rivoltini L, Luciani F, Venditti M, Lugini L, Cova A, Squarcina P, Parmiani G, Belardelli F, Fais S. Adoptive transfer of an anti-mart1 27-35-specific CD8+ T cell clone leads to immunoselection of human melanoma antigen-loss variants in SCID mice. *European journal of immunology* 2003; 33(2): 556-566.

Lugini L, Lozupone F, Matarrese P, Funaro C, Luciani F, Malorni W, Rivoltini L, Castelli C, Tinari A, Piris A, Parmiani G, Fais S. Potent phagocytic activity discriminates metastatic and primary human malignant melanomas: a key role of Ezrin. *Laboratory investigation* 2003; 83(11): 1555-1567.

Lutz JM, Francisci S, Mugno E, Usel M, Pompe-Kirn V, Coebergh JW, Bielska-Lasota M, EUROPREVAL Working Group. Cancer prevalence in Central Europe: the EUROPREVAL study. *Annals of oncology* 2003; 14(2): 313-322.

Luzi AM, Starace F, Gallo P, Cafaro L, Wagner TM, Rezza G. Conoscenze ed atteggiamenti relativi alla sperimentazione di un vaccino per l'HIV. Risultati di un'indagine nazionale. *Giornale italiano di malattie infettive* 2003; 9(2): 83-89.

Luzi AM, De Mei B, Storani D, Gallo P, Pietrangeli R, Venettoni S, Mattucci DA, Rizzato L, Prestinaci P, Nanni Costa A. Il Telefono Verde Trapianti: una scelta consapevole per la donazione d'organo "800.333033". *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(6): 18-19.

Maccaglia A, Mallozzi C, Minetti M. Differential effects of quercetin and resveratrol on band 3 tyrosine phosphorylation signalling of red blood cells. *Biochemical and biophysical research communications* 2003; 305(3): 541-547.

Macioce P, Gambara G, Bernassola M, Gaddini L, Torrieri P, Macchia G, Ramoni C, Ceccarini M, Petrucci TC. Beta-dystrobrevin interacts directly with kinesin heavy chain in brain. *Journal of cell science* 2003; 116(Pt 23): 4847-4856.

Maffi D, D'Apice MR, Pasquino MT, Caprari P, Caforio MP, Cianciulli P, Sorrentino F, Novelli G, Salvati AM. Screening of glucose-6phosphate dehydrogenase mutations by denaturing high-performance liquid chromatography [abstract]. *Clinical chemistry and laboratory medicine* 2003; 4(Spec Suppl): S327.

Maggini M, Spila Alegiani S, Raschetti R, Gruppo di studio DAI. Complicanze macroangiopatiche nei pazienti diabetici di tipo 2 afferenti ai servizi di diabetologia italiani. *Annali dell'Istituto Superiore di Sanità* 2003; 39(2): 165-171.

Maglianì W, Conti S, Cassone A, Neri P, Polonelli L. Spettro d'azione universale di mimotopi killer antifungini [abstract]. *Bollettino della SIM* 2003; 5(1): 122.

Magliozi R, Columba Cabezas S, Serafini B, Aloisi F. B-cell recruitment, CXCL13 expression and development of B-cell follicle-like structures in the central nervous system during experimental autoimmune encephalomyelitis. *Minerva biotecnologica* 2003; 15(1): 2-3.

Malchiodi Albedi F, Matteucci A, Formisano G, Paradisi S, Carnovale Scalzo G, Perilli R, Scoria G, Caiazza S. Perfluorohexyloctane (F6H8) induces structural modifications and increases apoptosis in rat primary retinal cultures. *Journal of biomedical materials research* 2003; 65B(1): 133-136.

Malorni W, Quaranta MG, Straface E, Falzano L, Fabbri A, Viora M, Fiorentini C. The Rac-activating toxin cytotoxic necrotizing factor 1 oversees NK cell-mediated activity by regulating the actin/microtubule interplay. *Journal of immunology* 2003; 171(8): 4195-4202.

Mancini L, Caimi SM, Ciardullo S, Zeiner M, Bottoni P, Tancioni L, Cataudella S, Caroli S. A pilot study on the contents of selected pollutants in fish from the Tiber river (Rome) [abstract]. *ICP information newsletter* 2003; 29(5): 427-428.

Mandillo S, Del Signore A, Paggi P, Francia N, Santucci D, Mele A, Oliverio A. Effects of acute and repeated daily exposure to hypergravity on spatial learning in mice. *Neuroscience letters* 2003; 336(3): 147-150.

Manfredi P, Ciofi Degli Atti ML, Mandolini D, Salmaso S. Il morbillo nelle regioni italiane. Stima dei principali parametri di infezione. *Epidemiologia e prevenzione* 2003; 27(6): 340-347.

Manfredi P, Ciofi Degli Atti ML. Utilità dei modelli matematici in sanità pubblica. *Il Giornale della vaccinazione* 2003(2): 10-12.

Manganaro M, Mascellino MT, Gradoni L. Activity of D-carnitine and its derivatives on Trypanosoma infections in rats and mice. *Parasite-Journal de la Societe Francaise de Parasitologie* 2003; 10(2): 147-151.

Manganelli M, Funari E. Le mucillagini del Mar Adriatico: ruolo dei possibili agenti causali e dei fattori ambientali. *Annali dell'Istituto Superiore di Sanità* 2003; 39(1): 77-95.

Mangiacasale R, Pittoggi C, Sciamanna I, Careddu A, Mattei E, Lorenzini RN, Travaglini L, Landriscina M, Barone C, Nervi C, Lavia P, Spadasfora C. Exposure of normal and transformed cells to nevirapine, a reverse transcriptase inhibitor, reduces cell growth and promotes differentiation. *Oncogene* 2003; 22(18): 2750-2761.

Mangoni ED, Severini C, Menegon M, Romi R, Ruggiero G, Majori G. Case report: an unusual late relapse of Plasmodium vivax malaria. *American journal of tropical medicine and hygiene* 2003; 68(2): 159-160.

Maranghi F, Macrì C, Ricciardi C, Stazi AV, Rescia M, Mantovani A. Histological and histomorphometric alterations in thyroid and adrenals of CD rat pups exposed in utero to methyl thiofanate. *Reproductive toxicology* 2003; 17(5): 617-623.

Maranghi F, Mantovani A. I contaminanti ambientali con effetti endocrini: problemi e prospettive. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(5): 3-9.

Marano G, Palazzi S, Vergari A, Catalano L, Gaudi S, Testa C, Canese R, Carpinelli G, Podo F, Ferrari AU. Inhibition of left ventricular remodeling preserves chamber systolic function in pressure overloaded mice. *European journal of physiology* 2003; 446(4): 429-436.

Marchetti M, Trybala E, Superti F, Bergstrom T. La lattoferrina inibisce l'infezione da virus dell'herpes simplex virus interferendo con il legame del virus ai glicosaminoglicani [abstract]. *Bollettino della SIM* 2003; 5(1): 22.

Marcon F, Andreoli C, Rossi S, Verdina A, Galati R, Crebelli R. Assessment of individual sensitivity to ionizing radiation and DNA repair efficiency in a healthy population. *Mutation research-fundamental and molecular mechanisms of mutagenesis* 2003; 541(1-2): 1-8.

Marconi A. Materiale particolare aerodisperso: definizioni, effetti sanitari, misura e sintesi delle indagini ambientali effettuate a Roma. *Annali dell'Istituto Superiore di Sanità* 2003; 39(3): 329-342.

Marconi R, Carapelli S, Morganti L, Epifanio A, Mazzi M, Bigagli E, Vanacore N, Meco G. A simple test to assess oxidative stress in subjects with Parkinson's disease [abstract]. *Neurological sciences* 2003; 24(Suppl 1).

Margutti P, Delunardo F, Riganò R, Siracusano A, Profumo E, Capoano R, Salvati B, Ortona E. Identification of gamma-actin as an endothelial cell autoantigen in carotid atherosclerosis [abstract]. *Immunology letters* 2003; 87: 90-91.

Marianelli C, La Rosa G, Ciuchini F, Muscillo M, Pasquali M, Adone R. Genetic diversity at alkB locus in Brucella abortus. *Journal of veterinary medicine series B-infectious diseases and veterinary* 2003; 50(10): 494-499.

Marinaro M, Riccomi A, Rappuoli R, Pizza M, Fiorelli V, Tripiciano A, Cafaro A, Ensoli B, De Magistris MT. Mucosal delivery of the human immunodeficiency virus-1 Tat protein in mice elicits systemic neutralizing antibodies, cytotoxic T lymphocytes and mucosal IgA. *Vaccine* 2003; 21(25-26): 3972-3981.

Marinaro M, Fasano A, De Magistris MT. Zonula occludens toxin acts as an adjuvant through different mucosal routes and induces protective immune responses. *Infection and immunity* 2003; 71(4): 1897-1902.

Mariotti S, Simon G, Francescutti C. Il Global Burden of Disease. Analisi di una metodologia per valutare lo stato di salute delle popolazioni. *Tendenze nuove* 2003; 2: 203-219.

Mariotti S, D'Errigo P, Mastroeni S, Freeman K. Years of life lost due to premature mortality in Italy. *European journal of epidemiology* 2003: 513-521.

Marroni M, Pasticci MB, Pantosti A, Colozza MA, Stagni G, Tonato M. Outbreak of infusion-related septicemia by Ralstonia pickettii in the oncology department. *Tumori* 2003; 89(5): 575-576.

Marsili G, Borsetti A, Sgarbanti M, Remoli AL, Ridolfi B, Stellacci E, Ensoli B, Battistini A. On the role of interferon regulatory factors in HIV-1 replication. *Annals of the New York academy of sciences* 2003; Dec(1010): 29-42.

Marziali G, Testa U. Il DNA: contributo allo studio del differenziamento cellulare. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(2 Suppl 1): 9-11.

Mastrantonio P. Evoluzione della popolazione batterica responsabile di meningiti in Italia [abstract]. *Bollettino della SIM* 2003; 5(1): 123.

Mastrantonio P, Stefanelli P, Fazio C, Sofia T, Neri A, La Rosa G, Marianelli C, Muscillo M, Caporali MG. Serotype distribution, antibiotic susceptibility and genetic relatedness of *Neisseria meningitidis* strains recently isolated in Italy. *Clinical infectious diseases* 2003; 36(4): 422-428.

Matarrese P, Cauda R, Malorni W. Activation-associated mitochondrial hyperpolarization hijacks T cells towards an apoptosis-sensitized phenotype. *Cell death and differentiation* 2003; 10(5): 609-611.

Matarrese P, Gambardella L, Cassone A, Vella S, Cauda R, Malorni W. Mitochondrial membrane hyperpolarization Hijacks activated T lymphocytes toward the apoptotic-prone phenotype: homeostatic mechanisms of HIV protease inhibitors. *Journal of immunology* 2003; 170(12): 6006-6015.

Mattia M, Del Giudice P. A distribution of spike transmission delays affects the stability of interacting spiking neurons. *Scientiae Mathematicae Japonicae* 2003; 58(2): 335-342.

Mattia G, Ciccarelli C, Vulcano F, Milazzo F, Giampaolo A, Pascuccio M, Macioce G, Zani BM, Hassan HJ. Valproic acid enhances CD41 in UT7 cell line [abstract]. *Blood* 2003; 102(11): 172b.

Mazzanti G, Daniele C, Boatto G, Manca G, Brambilla G, Loizzo A. New Beta-adrenergic agonists used illicitly as growth promoters in animal breeding: chemical and pharmacodynamic studies. *Toxicology* 2003; 187(2-3): 91-99.

Mazzei F. Il DNA: una struttura in movimento. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(2 Suppl 1): 7-8.

Meccia E, Bottero L, Felicetti F, Peschle C, Colombo MP, Carè A. HOXB7 expression is regulated by the transcription factors NF-Y, YY1, Sp1 and USF-1. *Biochimica et biophysica acta-gene structure and expression* 2003; 1626(1-3): 1-9.

Meco G, Bonifati V, Fabbrini G, Colosimo C, Vanacore N, Di Rezze S, Edito F, De Michele G, Marconi R, Stocchi F, Bonuccelli U, Lamberti P, European study group on atypical Parkinsonisms. Profile and severity of Parkinson's features in atypical Parkinsonian disorders. *Neurological sciences*. 2003; 24.

Medda E, Donati S, Spinelli A, Di Renzo GC, Europop Group Czech Republic, Europop Group Finland, Europop Group France, Europop Group Germany, Europop Group Greece, Europop Group The Netherlands, Europop Group Slovak Republic, Europop Group Spain, Europop Group Sweden. Genetic amniocentesis: a risk factor for preterm delivery? *European journal of obstetrics, gynecology, and reproductive biology* 2003; 110(2): 153-158.

Mele R, Gomez Morales MA, Tosini F, Pozio E. Detection and counting of cryptosporidium parvum in HCT-8 cells by flowcytometry. *Parasite-Journal de la Societe Francaise de Parasitologie* 2003; 10(4): 297-302.

Mele A, Pulsoni A, Bianco E, Musto P, Szkle AS, Sampaolo MG, Iannito E, De Renzo A, Martino B, Liso V, Andrizzi C, Pusterla S, Dore F, Maresca M, Rapicetta M, Marcucci F, Mandelli F, Franceschi S.

Hepatitis C virus and B-cell non-Hodgkin lymphomas: an Italian multi-centre case-control study. *Blood* 2003; 102(3): 996-999.

Mele R, Gomez Morales MA, Tosini F, Pozio E. Indinavir reduces Cryptosporidium parvum infection in both in vitro and in vivo models. *International journal for parasitology* 2003; 33(7): 757-764.

Mele A, Jefferson T. The use of hepatitis A vaccine in Italy -- evidence-based recommendations from an expert panel [editorial]. *Vaccine* 2003; 21(19-20): 2223.

Meneguz A, Massotti M. Phase I clinical trials in Italy: aims and interpretation of requested pre clinical studies [abstract]. *Toxicology letters* 2003; 144(Suppl 1): s26.

Meschini S, Calcabrini A, Marra M, Falzano L, Colone M, De Berardis B, Paoletti L, Arancia G, Fiorentini C. Morphological and functional alterations induced by fine environmental particulate in cultured lung epithelial cells [abstract]. *Toxicology letters* 2003; 144(Suppl 1): s182.

Meschini S, Marra M, Calcabrini A, Federici E, Galeffi C, Arancia G. Voacamine, a bisindolic alkaloid from Peschiera fuchsiaefolia, enhances the cytotoxic effect of doxorubicin on multidrug-resistant tumor cells. *International journal of oncology* 2003; 23(6): 1505-1513.

Messina F, Saba A, Vollono C, Leclercq C, Piccinelli R. Beliefs and attitudes towards the consumption of sugar-free products in a sample of Italian adolescents. *European journal of clinical nutrition* 2003; 58(3): 420-428.

Micheli A, Capocaccia R, Martinez C, Mugno E, Coebergh JW, Baili P, Verdecchia A, Berrino F, Coleman MP. Cancer control in Europe: a proposed set of European cancer health indicators [letter]. *European journal of public health* 2003; 13(3 Suppl): 116-118.

Micheli A, Baili P, Quinn MJ, Mugno E, Capocaccia R, Grosclaude P, EUROCARE Working Group. Life expectancy and cancer survival in the EUROCARE-3 cancer registry areas. *Annals of oncology* 2003; 14(Suppl 5): v28-v40.

Migliaccio AR, Quarto R, Piacibello W. Cell therapy: filling the gap between basic science and clinical trials. *Stem cells* 2003; 21(3): 348-356.

Migliaccio AR, Rana RA, Sanchez M, Lorenzini RN, Centurione L, Bianchi L, Vannucchi AM, Migliaccio G, Orkin SH. GATA-1 as a regulator of mast cell differentiation revealed by the phenotype of the GATA-1 low mouse mutant. *Journal of experimental medicine* 2003; 197(3): 281-296.

Migliaccio AR, Lorenzini RN, Vannucchi AM, Spangrude GJ, Migliaccio G. Robust levels of long term multilineage reconstitution in the absence of stem cell self-replication in W/W^v mice transplanted with purified stem cells. *Journal of hematotherapy & stem cell research* 2003; 12(4): 409-424.

Migliore L, Cozzolino S, Fiori M. Phytotoxicity to and uptake of enrofloxacin in crop plants. *Chemosphere* 2003; 52(7): 1233-1244.

Migliori G, Centis R, Fattorini L, Besozzi G, Saltini C, Orefici G, Piersimoni C, Gori A, Cassone A, Italian Multicentre Study on Resistance to Antituberculosis drugs Study Group. Monitoring the quality of laboratories and the prevalence of resistance to antituberculosis drugs: Italy, 1998-2000. *European respiratory journal* 2003; 21(1): 129-134.

Minenkova O, Pucci A, Favoni E, De Tommasi A, Fortugno P, Gargano N, Cianfriglia M, Barca S, De Placido S, Martignetti A, Felici F, Cortese R, Monaci P. Identification of tumor-associated antigens by

screening phage-displayed human cDNA libraries with sera from tumor patients. *International journal of cancer* 2003; 106(4): 534-544.

Miniero R, Ceretti G, Cherin E, Dellatte E, De Luca S, Ferri F, Fulgenzi AR, Grim F, Iacovella N, Di Domenico A. Correlation between PCDD and PCDF levels in sediments and clams (*Tapes sp.*) in the Venice Lagoon [proceedings]. *Organohalogen compounds* 2003; 62: 144-147.

Miniero R, Dellatte E, De Luca S, Fulgenzi AR, Iacovella N, Ingelido AM, Ferri F, Di Domenico A. Persistent organochlorine microcontaminants in bottom sediments of the northern Adriatic sea [proceedings]. *Organohalogen compounds* 2003; 62: 77-80.

Molina R, Gradoni L, Alvar J. HIV and the transmission of Leishmania. *Annals of tropical medicine and parasitology* 2003; 97(Suppl 1): S29-S45.

Molinari A. Drug resistance mechanisms in tumor cells [abstract]. *European journal of histochemistry* 2003; 47(3): 268.

Molinari A, Stringaro A, Gentile M, Colone M, Toccacieli L, Arancia G. Invasive properties of multidrug resistant human melanoma cells [abstract]. *Italian journal of anatomy and embryology* 2003; 108(3 Suppl 1): 94.

Molinari P, Ambrosio C, Ritano D, Sbraccia M, Grò MC, Costa T. Promiscuous coupling at receptor-Galpha fusion proteins. The receptor of one covalent complex interacts with the alpha-subunit of another. *Journal of biological chemistry* 2003; 278(18): 15778-15788.

Moller T, Anderson H, Aareleid T, Hakulinen T, Storm HH, Tryggvadottir L, Corazziari I, Mugno E, EUROPREVAL Working Group. Cancer prevalence in Northern Europe: the EUROPREVAL study. *Annals of oncology* 2003; 14(6): 946-957.

Momen H, De Castro P. Non-commercial publishing: is the internet really a new challenge? [proceedings]. *European science editing* 2003; 29(3): 76-77.

Mondello F, De Bernardis F, Girolamo A, Salvatore G, Cassone A. In vitro and in vivo activity of tea tree oil against azole-susceptible and resistant human pathogenic yeasts. *Journal of antimicrobial chemotherapy* 2003; 51(5): 1223-1229.

Monini P, Sgadari C, Barillari G, Ensoli B. HIV protease inhibitors: antiretroviral agents with anti-inflammatory, anti-angiogenic and anti-tumour activity. *Journal of antimicrobial chemotherapy* 2003; 51(2): 207-211.

Montanari L, Cilurzo F, Selmin F, Conti B, Genta I, Poletti G, Orsini F, Valvo L. Poly(lactide-co-glycolide) microspheres containing bupivacaine: comparison between gamma and beta irradiation effects. *Journal of controlled release* 2003; 90(3): 281-290.

Moore EH, Napolitano M, Prosperi A, Avella M, Suckling KE, Bravo E, Botham KM. Incorporation of lycopene into chylomicron remnant-lide particles enhances their induction of lipid accumulation in macrophages. *Biochemical and biophysical research communications* 2003; 312(4): 1216-1219.

Morabito S, Tozzoli R, Oswald E, Caprioli A. A mosaic pathogenicity island made up of the locus of enterocyte effacement and a pathogenicity island of *Escherichia coli* O157:H7 is frequently present in attaching and effacing *E. coli*. *Infection and immunity* 2003; 71(6): 3343-3348.

Morano S, Cipriani R, Cerrito MG, Santangelo C, Vasaturo F, Pantellini F, Sensi M, Guidobaldi L, Scarpa S, Di Mario U. Angiotensin-converting enzyme inhibition modulates high-glucose-induced

extracellular matrix changes in mouse glomerular epithelial cells. *Nephron. Experimental nephrology* 2003; 95(1): 30-35.

Morgia P, Signoretti C. Qualifica biologica di una stufa per depirogenazione a secco. *Biologi Italiani* 2003; 33(2): 23-25.

Morini S, Hassan C, Lorenzetti R, Zullo A, Cerro P, Winn S, Giustini M, Taggi F. Long-term outcome of endoscopic pneumatic dilatation in Crohn's disease. *American journal of gastroenterology* 2003; 35(12): 893-897.

Morley Fletcher S, Rea M, Maccari S, Laviola G. Environmental enrichment during adolescence reverses the effects of prenatal stress on play behaviour and HPA axis reactivity in rats. *European journal of neuroscience* 2003; 18(12): 3367-3375.

Morley Fletcher S, Palanza P, Parolaro D, Viganò D, Laviola G. Intrauterine position has long-term influence on brain mu-opioid receptor density and behaviour in mice. *Psychoneuroendocrinology* 2003; 28(3): 386-400.

Moro ML, Petrosillo N, Gandin C. Antibiotic policies in Italian hospitals: still a lot to achieve. *Microbial drug resistance-mechanisms epidemiology and disease* 2003; 9(2): 219-222.

Morosini P, Gigantesco A, Mazzarda A, Gibaldi L. HoNOS-Roma: una versione ampliata, personalizzabile e che facilita la compilazione ripetuta nel tempo dello strumento HoNOS. *Epidemiologia e psichiatria sociale* 2003; 12(1): 53-62.

Mueller SN, Jones CM, Chen W, Kawaoka Y, Castrucci MR, Heath WR, Carbone FR. The early expression of glycoprotein B from herpes simplex virus can be detected by antigen-specific CD8+ T cells. *Journal of virology* 2003; 77(4): 2445-2451.

Muratori P, Muratori L, Stroffolini T, Pappas G, Terlizzi P, Ferrari R, Loffreda S, Cassani F, Rapicetta M, Guadagnino V, Bianchi FB, Lenzi M. Prevalence of non-organ specific autoantibodies in HCV-infected subjects in the general population. *Clinical and experimental immunology* 2003; 131(1): 118-121.

Muscillo M, La Rosa G, Sali M, De Carolis E, Adone R, Ciuchini F, Fasanella A. Validazione di un metodo basato sul numero delle ripetizioni tandem (TRN) per la tassonomia molecolare di *B. anthracis* [abstract]. *Bollettino della SIM* 2003; 5(1): 117.

Mutinelli F, Aufiero GM, Pozzato N, Marangon S, Agrimi U, Vaccari G, Vincenzi G. Eradication of scrapie in a Massese sheep flock by PrP allele selection [letter]. *Veterinary record* 2003; 152(2): 60.

Naldoni P, Arniani S, Balzi D, Buiatti E, Conti S, Farchi G, Minelli G, Vichi M. La salute a Firenze. *Salute e territorio* 2003; 24(140): 278-284.

Nanni Costa A, Venettoni S, Storani D, Di Ciaccio P, Ghirardini A, Mattucci DA, Puoti F. Linee guida e protocolli in materia di donazione e trapianto di organi e tessuti. *Trapianti* 2003; 7(1): 18-37.

Napolitano M, Bravo E. Activation of protein kinase C by phorbol esters in human macrophages reduces the metabolism of modified LDL by down-regulation of scavenger receptor activity. *International journal of biochemistry and cell biology* 2003; 35(7): 1127-1143.

Napolitano M, Avella M, Botham KM, Bravo E. Chylomicron remnant induction of lipid accumulation in J774 macrophages is associated with up-regulation of triacylglycerol synthesis which is not dependent on

oxidation of the particles. *Biochimica et biophysica acta-proteins and proteomics* 2003; 1631(3): 255-264.

Napolitano M, Bravo E. Effects of dietary oxysterols on cholesterol metabolism in HMDM [abstract]. *Nutrition metabolism and cardiovascular diseases* 2003; 13(5): 306.

Napolitano M, Rainaldi G, Bravo E, Rivabene R. Influence of thiol balance on micellar cholesterol handing by polarized Caco-2 intestinal cells. *FEBS letters* 2003; 551: 165-170.

Nardini S, Pacifici R, Mortali C, Zuccaro P. A survey on policies of smoking control in Italian hospitals [proceedings]. *Monaldi archives for chest disease* 2003; 59(4): 310-313.

Nardone A, Pebody RG, van den Hof S, Levy-Bruhl D, Plesner AM, Rota MC, Tischer A, Andrews N, Berbers G, Crovari P, Edmunds WJ, Gabutti G, Saliou P, Miller E. Sero-epidemiology of mumps in western Europe. *Epidemiology and infection* 2003; 131(1): 691-701.

Narici L, Bidoli V, Casolino M, De Pascale MP, Furano G, Morselli A, Picozza P, Reali E, Sparvoli R, Licoccia S, Romagnoli P, Traversa E, Sannita WG, Loizzo A, Galper A, Khodarovich A, Korotkov MG, Popov A, Vavilov N, Avdeev S, Salnitskii VP, Shevchenko OI, Petrov VP, Trukhanov KA, Boezio M, Bonvicini W, Vacchi A, Zampa N, Battiston R, Mazzenga G, Ricci M, Spillantini P, Castellini G, Carlson P, Fuglesang C. ALTEA: anomalous long term effects in astronauts. A probe on the influence of cosmic radiation and microgravity on the central nervous system during long flights. *Advances in space research* 2003; 31(1): 141-146.

Naro F, De Arcangelis V, Sette C, Ambrosio C, Komati H, Molinaro M, Adamo S, Nemoz G. A bimodal modulation of the cAMP pathway is involved in the control of myogenic differentiation in L6 cells. *Journal of biological chemistry* 2003; 278(49): 49308-49315.

Nicastri E, Sarmati L, D'Ettorre G, Parisi SG, Palmisano L, Galluzzo CM, Montano M, Uccella I, Amici R, Gatti F, Vullo V, Concia E, Vella S, Andreoni M. High prevalence of M184 mutation among patients with viroimmunologic discordant responses to highly active antiretroviral therapy and outcomes after change of therapy guided by genotypic analysis. *Journal of clinical microbiology* 2003; 41(7): 3007-3012.

Nicastri E, Sarmati L, D'Ettorre G, Palmisano L, Parisi SG, Uccella I, Rianda A, Concia E, Vullo V, Vella S, Andreoni M. Replication capacity, biological phenotype, and drug resistance of HIV strains isolated from patients failing antiretroviral therapy. *Journal of medical virology* 2003; 69(1): 1-6.

Nigro LC, Fabiani M, Mughini MT, Leto D, Nattabi B, Opira C, Declerch S. Sieroprevalenza delle infezioni da HBV e HCV in pazienti ricoverati presso un reparto di medicina generale di un ospedale rurale nel nord dell'Uganda [abstract]. *Giornale italiano di malattie infettive* 2003; 9(Suppl 1): S170-S171.

Nisini R. Lo studio dei correlati di protezione nella valutazione dell'efficacia dei vaccini anti meningite [abstract]. *Bollettino della SIM* 2003: 123.

Noale M, Maggi S, Minicuci N, Marzari C, Destro C, Farchi G, Scafato E, Baldereschi M, Di Carlo A, Crepaldi G. Dementia and disability: impact on mortality. The Italian longitudinal study on aging. *Dementia and geriatric cognitive disorders* 2003; 16(1): 7-14.

Noale M, Maggi S, Minicuci N, Marzari C, Destro C, Farchi G, Scafato E, Baldereschi M, Di Carlo A, Crepaldi G. Dementia and geriatric cognitive disorders. *Dementia and geriatric cognitive disorders* 2003; 16: 7-14.

Nonno R, Esposito E, Vaccari G, Conte M, Marcon S, Di Bari M, Ligios C, Di Guardo G, Agrimi U. Molecular analysis of Italian sheep scrapie cases and comparison with bovine spongiform encephalopathy (BSE) and experimental BSE in sheep. *Journal of clinical microbiology* 2003; 41(9): 4127-4133.

Nuccetelli C. Origini della contaminazione radioattiva naturale e artificiale dell'ambiente marino. *Annali dell'Istituto Superiore di Sanità* 2003; 39(1): 15-22.

Nusca A, Bonadonna L, Orefice L. Diffusione di agenti biologici nell'aria di ambienti confinati e patologie correlate. *Igiene e sanità pubblica* 2003; 59(3): 175-186.

Nusca A, Bonadonna L. Rischi igienico-sanitari associati all'uso di sistemi di climatizzazione. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(9): 11-14.

Oliva B, Piccirilli E, Ceddia T, Pontieri E, Aureli P, Ferrini AM. Antimycotic activity of Melaleuca alternifolia essential oil and its major components. *Letters in applied microbiology* 2003; 37: 185-187.

Olivetta E, Percario ZA, Fiorucci G, Mattia G, Schiavoni I, Dennis C, Jager J, Harris M, Romeo G, Affabris E, Federico M. HIV-1 Nef induces the release of inflammatory factors from human monocyte/macrophages: involvement of Nef endocytotic signals and NF-kappa B activation. *Journal of immunology* 2003; 170(4): 1716-1727.

Olivieri A, De Angelis S, Sorcini M, Vaccari V, Valensise H, Magnani F, Stazi MA, Cotichini R, Gilardi E, Cordeddu V, Boirivant M. Postpartum thyroiditis is associated to fluctuations in transforming growth factor beta1 serum levels. *Journal of clinical endocrinology and metabolism* 2003; 88(3): 1280-1284.

Onori S, De Angelis C, Fattibene P, Bridier A, Ferreira IH. A dosimetry intercomparison between ESTRO-EQUAL and ISS in the framework of a radiotherapy quality assurance programme in Italy. *Physica medica* 2003; 19(3): 217-222.

Orefice L, De Medici D. Gli obiettivi di sicurezza alimentare come principale strumento per la gestione del rischio microbiologico. *Industrie alimentari* 2003; 43(432): 1-12.

Orefici G, Creti R, Von Hunolstein C. High frequency of group A streptococci type M 89 invasive infections in Italy [abstract]. *Clinical microbiology and infection* 2003; 9(Suppl 1): 1.

Ortona E, Margutti P, Delunardo F, Vaccari S, Riganò R, Profumo E, Buttari B, Teggi A, Siracusano A. Molecular and immunological characterization of the C-terminal region of a new Echinococcus granulosus heat shock protein 70. *Parasite immunology* 2003; 25(3): 119-126.

Ortona E, Riganò R, Buttari B, Delunardo F, Ioppolo S, Margutti P, Profumo E, Teggi A, Vaccari S, Siracusano A. An update immunodiagnosis of cystic echinococcosis. *Acta tropica* 2003; 85(2): 165-171.

Osborn J, Baglio G, Donati S, Grandolfo M. Do antenatal classes benefit the mother and her baby? *The Journal of maternal-fetal and neonatal medicine* 2003; 13(2): 94-101.

Pacifici R, Fiaschi AI, Micheli L, Centini F, Giorgi G, Zuccaro P, Pichini S, Di Carlo S, Bacosi A, Cerretani D. Immunosuppression and oxidative stress induced by acute and chronic exposure to cocaine in rat. *International immunopharmacology* 2003; 3(4): 581-592.

Pacifici R, Zuccaro P, Pichini S, Roset PN, Poudevida S, Farré M, Segura J, de La Torre R. Modulation of the immune system in cannabis users. *JAMA-Journal of the American Medical Association* 2003; 289(15): 1929-1931.

Pagano L, Mele L, Fianchi L, Rutella S, Piscitelli R, Leone G, Pulsoni A, De Fabritiis P, Foa R, Mandelli F, Visani G, Piccaluga P, Di Bona E, Cerri R, Risso M, Tosti ME, Venditti A, GIMEMA Study Group on Secondary Leukemias. Immunophenotypic analysis in 119 patients with acute myeloid leukemia following a previous malignancy: a comparison with the immunophenotype of 231 de novo AML [letter]. *Haematologica* 2003; 88(2): 225-227.

Pagliano P, Rossi M, Rescigno C, Altieri S, Coppola MG, Gramiccia M, Scalzone A, Gradoni L, Faella F. Mediterranean visceral leishmaniasis in HIV-negative adults: a retrospective analysis of 64 consecutive cases (1995-2001). *Journal of antimicrobial chemotherapy* 2003; 52(2): 264-268.

Palazzino G, Rasoanaivo P, Federici E, Nicoletti M, Galeffi C. Prenylated isoflavonoids from Millettia pervilleana. *Phytochemistry* 2003; 63(4): 471-474.

Palleschi S, Diana L, Severini G. Nongenomic, early effects of progesterone on human polymorphonuclear leukocytes [abstract]. *Biochimica clinica* 2003; 27(Suppl 3): 89.

Palleschi L, Lucentini L, Ferretti E, Anastasi F, Amoroso M, Draisici G. Quantitative determination of sufentanil in human plasma by liquid chromatography-tandem mass spectrometry. *Journal of pharmaceutical and biomedical analysis* 2003; 32(2): 329-336.

Palmi I, Zuccaro P. Commento a: Indagine sulla diffusione di sostanze stupefacenti fra gli studenti di Casale Monferrato. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(4): iv.

Pani R, Scafè R, Pellegrini R, Soluri A, Burgio N, Ciavola C, Cinti MN, Indovina L, De Vincentis G, Garibaldi F, Cusanno F, Urciuoli GM, Cisbani E. Evaluation of a combined array-planar crystal for gamma-ray scintillation imagers. *Nuclear instruments & methods in physics research section A-accelerators sp* 2003; 497(1): 234-241.

Pani R, Pellegrini R, De Vincentis G, Cinti MN, Weinberg IN, Soluri A, Betti AM, Scopinaro F, Marini M, Massal R, Lanconelli N, Riccardi A, Garibaldi F. Factors affecting cancer detectability in 99Tc MIBI scintimammography. *Nuclear instruments & methods in physics research section A-accelerators sp* 2003; 497(1): 90-97.

Pani R, Pellegrini R, Trotta C, Cinti MN, Bennati P, Trotta G, Iurlaro G, Montani L, Ridolfi S, Cusanno F, Garibaldi F. Flat panel PMT: advances in position sensitive photodetection. *Nuclear physics B* 2003; 125(Proc Suppl): 53-59.

Pani R, Pellegrini R, Cinti MN, Trotta C, Trotta G, Scafè R, Betti M, Cusanno F, Montani L, Iurlaro G, Garibaldi F, Del Guerra A. A novel compact gamma camera based on flat panel PMT. *Nuclear instruments & methods in physics research section A-accelerators sp* 2003; 513: 36-41.

Pantosti A, Boccia D, D'Ambrosio F, Recchia S, Orefici G, Moro ML, National Surveillance of bacterial meningitis, EARSS-Italia Study. Inferring the potential success of pneumococcal vaccination in Italy: serotypes and antibiotic resistance of *Streptococcus pneumoniae* isolates from invasive diseases. *Microbial drug resistance-mechanisms epidemiology and disease* 2003; 9(Suppl 1): S61-S68.

Paoletti L, De Berardis B, Arrizza L. Inquinamento da polveri e da particolato fino in siti con differenti caratteristiche ambientali. *Annali dell'Istituto Superiore di Sanità* 2003; 39(3): 381-385.

Paoletti L, De Berardis B, Arrizza L, Passacantando M, Inglessis M, Mosca M. Seasonal effects on the physico-chemical characteristics of PM_{2.5} in Rome: a study by SEM and XPS. *Atmospheric environment* 2003; 37: 4869-4879.

Papacchini M, Mansi A, Marta I. Prevenzione delle encefalopatie spongiformi trasmissibili e metodi di inattivazione dei prioni. *Medicina del lavoro* 2003; 94(3): 271-284.

Parisi P, Francia A, Vanacore N, Fiore S, Giallonardo AT, Manfredi M. Psychomotor development and general movements in offspring of women with epilepsy and anticonvulsant therapy. *Early human development* 2003; 74(2): 97-108.

Pascual JA, Diaz D, Segura J, Garcia-Algar O, Vall O, Zuccaro P, Pacifici R, Pichini S. A simple and reliable method for the determination of nicotine and cotinine in teeth by gas chromatography/mass spectrometry. *Rapid communications in mass spectrometry* 2003; 17(24): 2853-2855.

Pasquali P, Adone R, Pistoia C, Petrucci P, Ciuchini F. Brucella abortus RB51 induces protection in mice orally infected with virulent strain B. abortus 2308. *Infection and immunity* 2003; 71(5): 2326-2330.

Pasquali P, Adone R, Marianelli C, Ciuchini F, Macrì A. La brucellosi: un problema sanitario ancora attuale. *Il progresso veterinario [1993]* 2003; 58(12).

Available from: <http://www.ilprogressoveterinario.it/rivista/03n12/03.htm>

Pasquini M, Picardi A, Biondi M, Scarciglia P, Pancheri P. Analisi psicopatologica dimensionale del disturbo ossessivo-compulsivo: appartiene realmente ai disturbi d'ansia? *Rivista di psichiatria* 2003; 38(2): 86-91.

Pasquino MT, Maffi D, D'Apice MR, Caprari P, Caforio MP, Cianciulli P, Sorrentino F, Novelli G, Salvati AM. Protocollo avanzato per la diagnosi molecolare del deficit di glucosio-6-fosfato deidrogenasi [abstract]. *Biochimica clinica* 2003; 27(Suppl 3): 67.

Patriarca M, Chiodo F, Minoprio A, Rossi B, Castelli M, Corsetti F, Menditto A. Affidabilità dei risultati in medicina di laboratorio. Venti anni di attività del Progetto METOS. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(5): 14-15.

Pellegrini M, Tossini G, Palmi I. Studio comparativo tra endonucleasi di restrizione e erazione di ibridazione inversa per la genotipizzazione di APO-E. *Anthologica medica Santoriana* 2003; 2002-2003(2): 97-104.

Peragallo M, Nicoletti L, Lista F, D'Amelio R, East Timor Dengue Study Group. Probable dengue virus infection among Italian troops, East Timor, 1999-2000. *Emerging infectious diseases* 2003; 9(7): 876-880.

Percario ZA, Olivetta E, Fiorucci G, Mangino G, Peretti S, Romeo G, Affabris E, Federico M. Human immunodeficiency virus type 1 (HIV-1) nef activates STAT3 in primary human monocyte/macrophages through the release of soluble factors: involvement of Nef domains interacting with the cell endocytotic machinery. *Journal of leukocyte biology* 2003; 74(5): 821-832.

Petrini C. Alcune considerazioni sulle implicazioni etiche degli studi socio-sanitari qualitativi. *Biologi Italiani* 2003; 33(3): 8-11.

Petrini C. Il "Gruppo europeo di etica delle scienze e delle nuove tecnologie": attività e proposte. *Biologi Italiani* 2003; 33(1): 31-37.

Petrini C. L'"ecologia politica": modelli culturali ed orientamenti. Parte prima. *Biologi Italiani* 2003; 33(5): 13-16.

Petrini C. L'"ecologia politica": modelli culturali ed orientamenti. Parte seconda. *Biologi Italiani* 2003; 33(6): 44-49.

Petrini C. La questione delle cellule staminali: proposte del “Gruppo europeo di etica delle scienze e delle nuove tecnologie” ed orientamenti istituzionali in alcune nazioni europee. *Biologi Italiani* 2003; 33(2): 26-31.

Petrini C. La sperimentazione biomedica ed altre sperimentazioni con l'uomo: considerazioni a partire dall’”Enoncé de politique” canadese. *Biologi Italiani* 2003; 33(4): 29-34.

Petrini C. La valutazione del rischio: un problema scientifico oppure un problema sociale? *Biologi Italiani* 2003; 33(9): 24-30.

Petrini C. L’olismo in biologia ed in ecologia: sintesi storica, fondamenti teorici ed applicazioni. Parte prima - L’olismo nella storia del pensiero biologico. *Biologi Italiani* 2003; 33(7): 30-34.

Petrini C. L’olismo in biologia ed in ecologia: sintesi storica, fondamenti teorici ed applicazioni. Parte seconda - L’ecologia ed altre discipline. *Biologi Italiani* 2003; 33(8): 20-24.

Petrini C. Sorveglianza sanitaria e dati sanitari: aspetti di etica. Parte prima - La sorveglianza. *Biologi Italiani* 2003; 33(10): 31-35.

Petrini C. Sorveglianza sanitaria e dati sanitari: aspetti di etica. Parte seconda - La privacy. *Biologi Italiani* 2003; 33(11): 18-25.

Petrosillo N, Colucci A, Gallo P, Grande F, Luzi AM, Palmieri F, Pugliese L. La rete delle strutture psico-socio-sanitarie non governative per popolazioni migranti con problematiche di HIV/AIDS in Italia. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(6): 11-13.

Pezzotti P, Piovesan C, Michieletto F, Zanella F, Rezza G, Gallo G. Estimating the cumulative number of human immunodeficiency virus diagnoses by cross-linking from four different sources. *International journal of epidemiology* 2003; 32(5): 778-783.

Picardi A. First steps in the assessment of cognitive-emotional organization within the framework of Guidano’s model of the self [letter]. *Psychotherapy and psychosomatics* 2003; 72(6): 363-365.

Picardi A, De Girolamo G, Morosini P. Le strutture residenziali psichiatriche in Italia. Risultati preliminari della fase 2 del progetto PROGRES. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(2): 3-9.

Piccolella E, Spadaro F, Ramoni C, Marinari B, Costanzo A, Levrero M, Thomson L, Abraham RT, Tuosto L. Vav-1 and the IKKalpha subunit of IκB kinase functionally associate to induce NF-κB activation in response to CD28 engagement. *Journal of immunology* 2003; 170(6): 2895-2903.

Pichini S, Garcia-Algar O, Munoz L, Vall O, Pacifici R, Figueroa C, Pascual JA, Diaz D, Sunyer J. Assessment of chronic exposure to cigarette smoke and its change during pregnancy by segmental analysis of maternal hair nicotine. *Journal of exposure analysis and environmental epidemiology* 2003; 13(2): 144-151.

Pichini S, Pacifici R, Pellegrini M, Marchei E, Pérez-Alarcon E, Puig C, Vall O, Garcia-Algar O. Development and validation of a liquid chromatography-mass spectrometry assay for the determination of opiates and cocaine in meconium. *Journal of chromatography B. Analytical technologies in the biomedical and life sciences* 2003; 794(2): 281-292.