

compact PSPMTs for image quality enhancement in nuclear medicine. *Nuclear instruments & methods in physics research section A-accelerators sp* 2003; 505: 599-603.

Ciofi Degli Atti ML, Salmaso S. È possibile eliminare morbillo e rosolia congenita? *Giornale delle vaccinazioni* 2003; 3(2): 1-3.

Ciofi Degli Atti ML, Salmaso S. Inserto BEN. Speciale rosolia e morbillo. Editoriale. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(5): i.

Ciofi Degli Atti ML, Fabi F, Salmaso S, Pizzuti R, de Campora E, Centers for Disease Control and Prevention. Measles epidemic attributed to inadequate vaccination coverage- Campania, Italy, 2002. *MMWR. Morbidity and mortality weekly report* 2003; 52(43): 1044-1047.

Ciofi Degli Atti ML, Salmaso S. Monitorare le coperture vaccinali in Italia. *Vaccinare oggi* 2003; 2(3): 9-11.

Ciofi Degli Atti ML, Salmaso S, Vellucci L, Caraffa De Stefano D. New measles epidemic in southern Italy: 1217 cases reported to sentinel surveillance, January-May 2003. *Eurosurveillance weekly* 2003; 7(27). Available from: www.eurosurveillance.org/ew/2003/030703.asp

Cirilli R, Costi R, Di Santo R, Artico M, Roux A, Gallinella B, Zanitti L, La Torre F. Enantioselective liquid chromatography of C3-Chiral 2,3-Dihydro-1,2,5-benzothiadiazepin-4(5H)-one and thione 1,1-dioxides on polyacrylamide-and polysaccharide-based chiral stationary phases. *Journal of chromatography A* 2003; 993(1-2): 17-28.

Cirrone GAP, Cuttone G, Raffaele L, Sabini MG, De Angelis C, Onori S, Pacilio M, Bucciolini M, Bruzzi M, Sciortino S. Natural and CVD type diamond detectors as dosimeters in hadrontherapy applications. *Nuclear physics B* 2003; 125(Proc Suppl): 179-183.

Cirulli F, Berry A, Alleva E. Early disruption of the mother-infant relationship: effects on brain plasticity and implications for psychopathology. *Neuroscience and biobehavioral reviews* 2003; 27(1-2): 73-82.

Cirulli F, Berry A, Roceri M, Riva MA, Alleva E. Long term effects of maternal separation on emotional behavior and brain plasticity in the rat [abstract]. *Developmental psychobiology* 2003; 43(3): 250.

Cirulli F, Bonsignore LT, Venerosi Pesciolini A, Valanzano A, Chiarotti F, Alleva E. Long-term effects of acute perinatal asphyxia on rat maternal behavior. *Neurotoxicology and teratology* 2003; 25(5): 571-578.

Cisbani E, Colilli S, Crateri R, Cusanno F, Fratoni R, Frullani S, Garibaldi F, Giuliani F, Gracia M, Iodice M, Iommi R, Lucentini M, Mostarda A, Pierangeli L, Santavenere F, Urciuoli GM, De Leo R, Lagamba L, Nappi E, Braem A, Vernin P. Light-weight spherical mirrors for Cherenkov detectors. *Nuclear instruments & methods in physics research section A-accelerators sp* 2003; 496(2-3): 305-314.

Clementi M, Giavini E, Mantovani A. Avoidance of bioflavonoid supplements during pregnancy [letter]. *Lancet* 2003; 361: 261-262.

Coleman MP, Gatta G, Verdecchia A, Estève J, Sant M, Storm HH, Allemani C, Ciccolallo L, Santaquilani M, Berrino F, EUROCARE Working Group. EUROCARE-3 summary. Cancer survival in Europe at the end of the 20th century. *Annals of oncology* 2003; 14(Suppl 5): v128-v149.

Coletta C, Sestili A, Seccareccia F, Rambaldi R, Ricci R, Galati A, Bigi R, Aspromonte R, Renzi M, Ceci V. Influence of contractile reserve and inducible ischaemia on left ventricular remodelling after acute myocardial infarction. *Heart* 2003; 89: 1138-1143.

Colosimo A, Giuliani A, Maranghi F, Brix O, Thorkildsen S, Fischer T, Knust R, Poertner H-O. Physiological and genetical adaptation to temperature in fish populations. *Continental shelf research* 2003; 23: 1919-1928.

Columba Cabezas S, Serafini B, Ambrosini E, Aloisi F. Lymphoid chemokines CCL19 and CCL21 are expressed in the central nervous system during experimental autoimmune encephalomyelitis: implications for the maintenance of chronic neuroinflammation. *Brain pathology* 2003; 13(1): 38-51.

Comba P, Bruno C, Pasetto R. Indicazioni di sanità pubblica in aree con contaminazione naturale da fibre asbestiformi. *Giornale italiano di medicina del lavoro e ergonomia* 2003; 25(3): 405-407.

Comba P, Gianfagna A, Paoletti L. Pleural mesothelioma cases in Biancavilla are related to a new fluoro-edenite fibrous amphibole. *Archives of environmental health* 2003; 58(4): 229-232.

Comba P, Ascoli V, Belli S, Benedetti M, Gatti L, Ricci P, Tieghi A. Rischio di sarcoma dei tessuti molli in residenze nei pressi di un inceneritore. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(5): 11-13.

Comitato per le Pari Opportunità. Convegno La donna e l'alcol. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(1): 15-16.

Confalonì A, Terreni L, Piscopo P, Crestini A, Malvezzi Campeggi L, Sala Frigerio C, Blotta I, Perri M, Di Natale M, Maletta R, Marcon G, Franceschi M, Bruni AC, Forloni G, Cantafora A. Nicastin gene in familial and sporadic Alzheimer's disease. *Neuroscience letters* 2003; 353(1): 61-65.

Coni E, Ferrini AM, Fabrizi L, Guandalini E, Lucchetti D, Marvasi L, Zaglini A. Tissue distribution and depletion of enrofloxacin in rainbow trout [abstract]. *Journal of veterinary pharmacology and therapeutics* 2003; 26(Suppl 1): 282-283.

Conte E, Manzella L, Zeuner A, Cocchiaro G, Conticello C, Messina C, De Maria R, Messina A. Involvement of interferon regulatory factor-1 in monocyte CD95 expression and CD95-mediated apoptosis [letter]. *Cell death and differentiation* 2003; 10(5): 615-617.

Conti S, Solimini R, Toccaceli V. Convegno La valutazione della ricerca scientifica: presentazione di una base di dati bibliografica. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(6): 16-17.

Conti S, Farchi G, Masocco M, Minelli G, Toccaceli V, Vichi M. Gender differentials in life expectancy in Italy. *European journal of epidemiology* 2003; 18(2): 107-112.

Conti S. Indagine epidemiologica sulla mortalità estiva in Italia. Risultati preliminari. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(9): i-iii.

Conti S, Solimini R, Toccaceli V. Una base di dati specialistica sul tema della valutazione della ricerca. *Annali dell'Istituto Superiore di Sanità* 2003; 39(3): 435-440.

Coppola S, Narciso L, Pelosi E, Cerio AM, Morsilli O, Bonci D, Gabianelli M, De Maria R, Testa U, Peschle C. KDR stimulation by VEGF promotes megakaryocytic differentiation and maturation in normal and leukemic CD34+ hematopoietic progenitor cells [abstract]. *Blood* 2003; 102(11): 828a.

Costa T, Ambrosio C, Riitano D, Molinari P. Different mechanism of negative efficacy. Distinguishing inverse agonists from negative antagonists. *International congress series* 2003; 1249: 1-13.

Cotecchia S, Fanelli F, Costa T. Constitutively active G protein-coupled receptor mutants: implications on receptor function and drug action. *Assay and drug development technologies* 2003; 1(2): 311-316.

Cotichini R, Fagnani C, Patriarca V, Nisticò L, Brescianini S, Cirrincione R, D’Ippolito C, Pulciani S, Figà Talamanca I, Cannoni S, Ristori G, Salvetti M, Tosi R, Stazi MA. I gemelli nella ricerca biomedica e l’istituzione del Registro Nazionale Gemelli. *Epidemiologia e prevenzione* 2003; 27(5): 297-302.

Cotta Ramusino M, Var MR. Force field study of the interaction between dihydropyridine derivatives and a synthetic Ca²⁺ channel peptide. *Journal of molecular structure-Theochem* 2003; 623(1-3): 87-93.

Cotta Ramusino M, Benigni R, Passerini L, Giuliani A. Looking for an unambiguous geometrical definition of organic series from 3-D molecular similarity indices. *Journal of chemical information and computer science* 2003; 43(1): 248-254.

Cozzi Lepri A, Philips AN, Miller V, Katlama C, Ledergerber B, Vella S, Weber J, Bruun JN, Kirk O, Clotet B, Lundgren JD. Changes in viral load in people with virological failure who remain on the same HAART regimen. *Antiviral therapy* 2003; 8: 127-136.

Cozzolino M, Stagni V, Spinardi L, Campioni N, Fiorentini C, Salvati E, Alemà S, Salvatore AM. p120 Catenin is required for growth factor-dependent cell motility and scattering in epithelial cells. *Molecular biology of the cell* 2003; 14(5): 1964-1977.

Crebelli R, Conti L, Marchini S, Monarca S, Feretti D, Zerbini I, Zani C, Veschetti E, Cutilli D, Ottaviani M. Effetti genotossici ed ecotossicologici di acque reflue urbane sottoposte a disinfezione con ipoclorito di sodio o acido peracetico. *Annali di igiene, medicina preventiva e di comunità* 2003; 15: 277-302.

Crebelli R, Carere A. Inquinamento atmosferico urbano: impatto sulla salute. Un progetto ISS-Ministero dell’Ambiente e della tutela del territorio. *Notiziario dell’Istituto Superiore di Sanità* 2003; 16(1): 3-10.

Croci L, De Medici D, Ciccozzi M, Di Pasquale S, Suffredini E, Toti L. Contamination of mussels by hepatitis A virus: a public-health problem in southern Italy. *Food control* 2003; 14: 559-563.

Croci L, Suffredini E. Rischio microbiologico associato al consumo di prodotti ittici. *Annali dell’Istituto Superiore di Sanità* 2003; 39(1): 35-45.

CTNS Study Group. The Italian-American clinical trial of nutritional supplements and age-related cataract (CTNS): design implications. CTNS report n. 1. *Controlled clinical trial* 2003; 24(6): 815-829.

Cubadda F, Giovannangeli S, Iosi F, Raggi A, Stacchini P. Chromium determination in foods by quadrupole inductively coupled plasma-mass spectrometry with ultrasonic nebulization. *Food chemistry* 2003; 81(3): 463-468.

Cubadda F, Baldini M, Stacchini P, Marconi E. Effects of processing on the content of metal contaminants in food: the case of pasta production [abstract]. *ICP information newsletter* 2003; 29(5): 417.

Cubadda F, Raggi A, Zanasi F, Carcea M. From durum wheat to pasta: effect of technological processing on the levels of arsenic, cadmium, lead and nickel. A pilot study. *Food additives and contaminants* 2003; 20(4): 353-360.

Cusanno F, Cisbani E, Colilli S, Crateri R, Fratoni R, Frullani S, Garibaldi F, Giuliani F, Gricia M, Lucentini M, Mostarda A, Santavenere F, Veneroni P, Breuer H, Iodice M, Urciuoli GM, De Cataldo G, De Leo R, Lagamba L, Braem A. Quantum efficiency measurement system for large area CsI photodetectors. *Nuclear instruments & methods in physics research section A-accelerators* sp 2003; 502(1): 251-255.

da Silva AJ, Cacciò SM, Williams C, Won KY, Nace EK, Whittier C, Pieniazek NJ, Eberhard ML. Molecular and morphologic characterization of a Cryptosporidium genotype identified in lemurs. *Veterinary parasitology* 2003; 111(4): 297-307.

D'Agnolo G. La legislazione biotecnologica. *Quaderni della Fondazione Piaggio. Nuova serie* 2003; 1: 113-122.

D'Amato M, Forte G, Caroli S. Chemical speciation of As in rice [abstract]. *ICP information newsletter* 2003; 29(5): 417-418.

D'ambrogi E, Giurato L, D'Agostino MA, Giacomozzi C, Macellari V, Caselli A, Uccioli L. Contribution of plantar fascia to the increased forefoot pressures in diabetic patients. *Diabetes care* 2003; 26(5): 1525-1529.

D'Ancona F, Boccia D, Pantosti A, Barale A, Lopalco P, Rizzo C, Monaco M, Camilli R, Massari M, Salmaso S. Incidence of invasive pneumococcal disease in two Italian regions [abstract]. *Clinical microbiology and infection* 2003; 9(Suppl 1): 198.

D'Annunzio V, Torre M, Ruspantini I, Frustagli G, Fadda A, Chistolini P. A tensegrity approach to the biomechanics of movement [abstract]. *Gait and posture* 2003; 18(Suppl 1): S3.

D'Arcangelo S, Bacchetta AM, Egeo G, Giallonardo AT, Randi F, Vanacore N, de Feo MR. Il levetiracetam nel trattamento delle crisi parziali in pazienti resistenti al topiramato. *Bollettino LICE* 2003; 121-122: 183-185.

D'Argenio P, Adamo B, Cirrincione R, Gallo G. The role of vaccine on controlling hepatitis A epidemics. *Vaccine* 2003; 21(19-20): 2246-2249.

De Angelis I, Fracchiolla ML, Pompa G, Stammati AL, Caloni F. Absorption/secretion profile of aminopentol, the hydrolysed fumonisin B1 metabolite, on Caco-2 cell line, a human intestinal in vitro model [abstract]. *Journal of veterinary pharmacology and therapeutics* 2003; 26(Suppl 1): 191.

De Angelis G. Benefits from human presence to the exploration of Mars. *Advances in Space Research* 2003; 31(1): 25.

De Angelis I, Giuliano Albo A, Nebbia C, Stammati AL, Zampaglioni F, Dacasto M. Cytotoxic effects of malachite green in two human cell lines [abstract]. *Toxicology letters* 2003; 144(Suppl 1): s58.

De Angelis I, Pompa G, Stammati AL, Caloni F. Preliminary data on aflatoxin M1 absorption on intestinal cell line Caco-2 [abstract]. *Journal of veterinary pharmacology and therapeutics* 2003; 26(Suppl 1): 287.

De Angelis R, Francisci S. Tendenze recenti della sopravvivenza per tumore in Italia e in Europa: lo studio EUROCARE-3. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(12): 18-19.

De Berardis B, Balduzzi M, Diociaiuti M, Paoletti L. Differences in the biological activity of two PM3.3 components: carbonaceous and silica particles. *Annali dell'Istituto Superiore di Sanità* 2003; 39(3): 419-423.

De Felip E, Papke O, Ingelido AM, Hermann T, Cardelli M, Porpora MG, Di Domenico A. PBDE levels in Italian nulliparous women of reproductive age [proceedings]. *Organohalogen compounds* 2003; 61: 287-290.

De Marco MA, Foni E, Campitelli L, Raffini E, Di Trani L, Delogu M, Guberti V, Barigazzi G, Donatelli I. Circulation of influenza viruses in wild waterfowl wintering in Italy during the 1993-99 period: evidence of virus shedding and seroconversion in wild ducks. *Avian diseases* 2003; 47(3 Suppl): 861-866.

De Marco MA, Foni E, Campitelli L, Raffini E, Delogu M, Donatelli I. Long-term monitoring for avian influenza viruses in wild bird species in Italy. *Veterinary research communications* 2003; 27(Suppl 1): 107-114.

De Medici D, Croci L, Delibato E, Di Pasquale S, Filetici E, Toti L. Evaluation of DNA extraction methods for use in combination with SYBR green I real-time PCR to detect *Salmonella enteritidis* in poultry. *Applied and environmental microbiology* 2003; 69(6): 3456-3461.

De Mei B, Luzi AM. La formazione continua in ambito sanitario. *Diagnostica Bios* 2003; 8(3): 23-29.

De Michele G, Pocchiari M, Petraroli R, Manfredi M, Caneve G, Coppola G, Casali C, Saccà F, Piccardo P, Salvatore E, Berardelli A, Orio M, Barbieri F, Ghetti B, Fillia A, Barbieri B. Variable phenotype in a P102L Gerstmann-Straussler-Scheinker Italian family. *Canadian journal of neurological science* 2003; 30(3): 233-236.

De Nardo P. Animali come sentinelle di inquinamento ambientale. *Epidemiologia e prevenzione* 2003; 27(1): 26-32.

De Rosa C, Vitale A, Puopolo M. The puzzle-feeder as feeding enrichment for common marmosets (*Callithrix jacchus*): a pilot study. *Laboratory animals* 2003; 37(2): 100-107.

De Simone R, Ajmone-Cat MA, Tirassa P, Minghetti L. Apoptotic PC12 cells exposing phosphatidylserine promote the production of anti-inflammatory and neuroprotective molecules by microglial cells. *Journal of neuropathology and experimental neurology* 2003; 62(2): 208-216.

De Vincenzi M, Maialetti F, Silano M. Constituents of aromatic plants: Teucrin A. *Fitoterapia* 2003; 74(7-8): 746-749.

Del Giudice MR, Ferretti R, La Torre F, Mosca A, Volpe MT, Zanitti L. Analytical and semipreparative separation of the enantiomers of new acetylcholinesterase inhibitors by high-performance liquid chromatography. *Chromatographia* 2003; 57(5-6): 293-299.

Del Giudice P, Fusi S, Mattia M. Modelling the formation of working memory with networks of integrate-and-fire connected by plastic synapses. *Journal of physiology* 2003; 97: 659-681.

Del Giudice MR, Mustazza C, Borioni A, Gatta F, Tayebati K, Amenta F, Tucci P, Pieretti S. Synthesis of 1-methyl-5-(pyrazol-3- and -5-yl- and 1,2,4-triazol-3- and 5-yl)-1,2,3,6-tetrahydropyridine derivatives and their evaluation as muscarinic receptor ligands. *Archiv der pharmazie* 2003; 336(3): 143-154.

Del Grosso M, Stampone L, Fokas S, Boccia D, D'Ancona F, Salmaso S, Pantosti A. Characterization of invasive strains of vancomycin-resistant enterococci isolated in Italy, 2001-2002 [abstract]. *Clinical microbiology and infection* 2003; 9(Suppl 1): 162.

Del Zotto B, Mumolo G, Pronio AM, Montesani C, Tersigni R, Boirivant M. TGF-beta1 production in inflammatory bowel disease: differing production patterns in Crohn's disease and ulcerative colitis. *Clinical and experimental immunology* 2003; 134(2): 365.

Della Seta M, Venturini F. Information and training through the Internet: the experience of Documentazione di Fonte Pubblica in rete. *IFLA journal* 2003; 29(4): 323-327.

Dello Strologo L, Pontesilli C, Rizzoni G, Tozzi AE. C2 monitoring: a reliable tool in pediatric renal transplant recipients. *Transplantation* 2003; 76(2): 444-445.

Delogu M, De Marco MA, Donatelli I, Campitelli L, Catelli E. Ecological aspects of influenza A virus circulation in wild birds of Western Palearctic. *Veterinary research communications* 2003; 27(Suppl 1): 101-106.

D'Errico MR, Teson M, Calcagnile AS, Proietti De Santis L, Nikaido O, Botta E, Zambruno G, Stefanini M, Dogliotti E. Apoptosis and efficient repair of DNA damage protect human keratinocytes against UVB. *Cell death and differentiation* 2003; 10(6): 754-756.

D'Errico MR, Teson M, Calcagnile AS, Corona R, Didona B, Meschini R, Zambruno G, Dogliotti E. Characterization of the ultraviolet B and X-ray response of primary cultured epidermal cells from patients with disseminated superficial actinic porokeratosis. *British journal of dermatology* 2003; 150(1): 47-55.

Di Biase A, Di Benedetto R, Fiorentini C, Travaglione S, Salvati S, Attorri L, Pietraforte D. Free radicals release in C6 glial cells enriched in hexacosanoic acid: implication for X-linked adrenoleukodystrophy pathogenesis. *Neurochemistry international* 2003; 44(3): 215-221.

Di Biase AM, Pietrantoni A, Tinari A, Siciliano R, Valenti P, Antonini G, Seganti L, Superti F. Heparin-interacting sites of bovine lactoferrin are involved in anti-adenovirus activity. *Journal of medical virology* 2003; 69(4): 495-502.

Di Bonito P, Carattoli A, Grasso F, Ciervo A, Giorgi C, Cassone A, Gruppo di lavoro SARS/ISS. Un saggio immunoblot per la diagnosi sierologica della Sindrome Respiratoria Acuta (SARS) basato sull'impiego di proteine ricombinanti [abstract]. *Bollettino della SIM* 2003; 5(1): 70.

Di Carlo B, Maggi A, Sapora O. A simple and rapid method for screening irradiated food [abstract]. *Toxicology letters* 2003; 144 (Suppl 1): s61.

Di Carlo A, Baldereschi M, Gandolfo C, Candelise L, Ghetti A, Maggi S, Scafato E, Carbonin P, Amaducci L, Inzitari D. Stroke in an elderly population: incidence and impact on survival and daily function. The Italian longitudinal study on aging. *Cerebrovascular diseases* 2003; 16(2): 141-150.

Di Ciaccio P, Ghirardini A, Scaglia S, Nanni Costa A, Eurodonor Steering Committee. The Eurodonor project: an attempt at harmonization. *Organs and tissues* 2003; 6(2): 93-97.

Di Consiglio E, De Angelis G, Traina ME, Urbani E, Rescia M, Testai E. Impairment of steroid hormone metabolism after in utero exposure of male mice to lindane [abstract]. *Toxicology letters* 2003; 144 (Suppl 1): s176.

Di Consiglio E, Traina ME, De Angelis G, Urbani E, Rescia M. Preliminary studies on the mechanism for lindane impairment of spermatogenesis after in utero exposure in male mice [abstract]. *Pediatric research* 2003; 53(6): 48A.

Di Domenico A, Miniero R. La presenza di microcontaminanti organici persistenti in organismi del Mar Mediterraneo e il rischio correlato. *Annali dell'Istituto Superiore di Sanità* 2003; 39(1): 23-27.

Di Fabio S, Van Roey J, Giannini G, Van den Mooter G, Spada M, Binelli A, Pirillo MF, Germinario E, Belardelli F, De Bethune M-P, Vella S. Inhibition of vaginal transmission of HIV-1 in hu-SCID mice by the non-nucleoside reverse transcriptase inhibitor TMC120 in a gel formulation. *AIDS* 2003; 17(11): 1597-1604.

Di Girolamo I, Funari E. Qualità dell'ambiente marino-costiero e rischio sanitario. *Annali dell'Istituto Superiore di Sanità* 2003; 39(1): 1-138.

Di Luca M, Severini F, Toma L, Romi R. Zanzara tigre: un raffinato esempio di plasticità ecologica. *Biologi Italiani* 2003; 23(6): 36-43.

Di Pucchio T, Lapenta C, Santini SM, Logozzi M, Parlato S, Belardelli F. CD2+/CD14+ monocytes rapidly differentiate into CD83+ dendritic cells. *European journal of immunology* 2003; 33(2): 358-367. .

Di Trani L, Cordioli P, Falcone E, Lombardi G, Moreno A, Sala G, Tollis M. Standardization of an inactivated H17N1 avian influenza vaccine and efficacy against A/chicken/Italy/13474/99 high-pathogenicity virus infection. *Avian diseases* 2003; 47(3 Suppl): 1042-1046.

Diana G. Aspetti metodologici e normativi dei trial clinici per i sintomi comportamentali e psicologici in corso di demenza. *Annali dell'Istituto Superiore di Sanità* 2003; 39(2): 267-274.

Diana G, Malloni M, Pieri M. Effects of the synthetic cannabinoid nabilone on spatial learning and hippocampal neurotransmission. *Pharmacology biochemistry and behavior* 2003; 75(3): 585-591.

Dieli F, Taniguchi M, Kronemberg MM, Sidobre S, Ivanyi J, Fattorini L, Iona E, Orefici G, De Leo G, Russo D, Caccamo N, Sireci G, Di Sano C, Salerno A. An anti-inflammatory role for V alpha14 NK Tcells in *Mycobacterium bovis* bacillus Calmette-Guérin-infected mice. *Journal of immunology* 2003; 171(4): 1961-1968.

Dionisi AM, Carattoli A, Luzzi I. Applicazione della real-time PCR all'identificazione di *Campylobacter jejuni* ciprofloxacina resistenti [abstract]. *Microbiologia medica* 2003: 116.

Dionisi AM, Schinaia N, Arcieri R, Ripabelli G, Luzzi I. Associazione tra balneazione ed infezioni gastroenteriche. *Annali dell'Istituto Superiore di Sanità* 2003; 39(1): 29-34.

Dionisi AM, Carattoli A, Luzzi I. Identification of ciprofloxacin-resistant *Campylobacter jejuni* and *Campylobacter coli* by real time PCR of *gyrA* gene mutation. *International journal of medical microbiology* 2003; 293(Suppl 35): 44.

Dogliotti E, Bignami M. Danno al DNA: mutazioni e tumori. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(2 Suppl 1): 15-17.

Domenici MR, Pintor A, Potenza RL, Gaudi S, Grò MC, Passarelli F, Reggio R, Galluzzo M, Massotti M, Popoli P. Metabotropic glutamate receptor 5 (mGluR5)-mediated phosphoinositide hydrolysis and NMDA-potentiating effects are blunted in the striatum of aged rats: a possible additional mechanism in striatal senescence. *European journal of neuroscience* 2003; 17(10): 2047-2055.

Domenici MR, Mingfu L, Tebano MT, Reggio R, Chiarotti F, Petti F, Liguori A, Popoli P. Study of the effects of electroacupuncture in a rodent model of cerebral ischaemia. *Annali dell'Istituto Superiore di Sanità* 2003; 39(3): 441-445.

Dominici S, Laguardia E, Serafini G, Chiarantini L, Fortini C, Tripiciano A, Brocca-Cofano E, Scoglio A, Caputo A, Fiorelli V, Gavioli R, Cafaro A, Ensoli B, Magnani M. Red blood cell-mediated delivery of recombinant HIV-1 Tat protein in mice induces anti-Tat neutralizing antibodies and CTL. *Vaccine* 2003; 21(17-18): 2073-2081.

Donatelli I, Campitelli L, Puzelli S, Affinito C, De Marco MA, Delogu M, Barigazzi G. Influenza viruses structure and interspecies transmission mechanisms. *Veterinary research communications* 2003; 27(Suppl 1): 115-122.

Donatelli I, Pregliasco F. WHO Influenza Global Agenda. *Annali dell'Istituto Superiore di Sanità* 2003; 39(3): 425-433.

Donati S, Grandolfo M, Andreozzi S. Do Italian mothers prefer cesarean delivery? *Birth* 2003; 30(2): 89-93.

Donati S, Andreozzi S, Grandolfo M. I punti nascita universitari italiani promuovono l'avvio dell'allattamento al seno? *Annali dell'Istituto Superiore di Sanità* 2003; 39(2): 243-250.

Donati S, Grandolfo M. Il sostegno alla ripresa della vita sessuale delle donne che partoriscono, un argomento orfano di interesse. *Annali dell'Istituto Superiore di Sanità* 2003; 39(2): 235-241.

Donati G, De Angelis S. Operazioni di movimentazione dei fondali marini. Possibili implicazioni sanitarie. *Annali dell'Istituto Superiore di Sanità* 2003; 39(1): 11-14.

Donelli G, Fiorentini C, Matarrese P, Falzano L, Cardines R, Mastrantonio P, Payne DW, Titball R. Evidence for cytoskeletal changes secondary to plasma membrane functional alterations in the in vitro cell response to Clostridium perfringens epsilon-toxin. *Comparative immunology microbiology and infectious diseases* 2003; 26(3): 145-156.

Donelli G, Di Carlo V, Guaglianone E, Francolini I, Marconi W, Di Rosa R, Leone F, Mazzella P, Rossi A, Antonelli M, Fadda G. Le infezioni associate ai cateteri venosi centrali: aspetti diagnostico-epidemiologici e prospettive di prevenzione [abstract]. *Bullettino della SIM* 2003; 5(1): 122.

Draisci R, Palleschi L, Ferretti E, Lucentini L, Delli Quadri F. Confirmatory analysis of 17beta-boldenone, 17alpha-boldenone and androsta-1,4-diene-3,17-dione in bovine urine by liquid chromatography-tandem mass spectrometry. *Journal of Chromatography B* 2003; 789(2): 219-226.

D'Ugo E, Paroli M, Palmieri G, Giuseppetti R, Argentini C, Tritarelli E, Bruni R, Barnaba V, Houghton M, Rapicetta M. Immunization of woodchucks with adjuvanted sHDAg (p24): immune response and outcome following challenge. *Vaccine* 2003; 22(3-4): 457-466.

Dukers NHTM, Rezza G. Human herpesvirus 8 epidemiology: what we do and do not know. *AIDS* 2003; 17(12): 1717-1730.

Dupuis ML, Tombesi M, Sabatini M, Cianfriglia M. Differential effect of HIV-1 protease inhibitors (PI's) on P-glycoprotein function in multidrug-resistant variants of the human CD4+ T-lymphoblastoid CEM cell line. *Cancer chemotherapy* 2003; 49(1-2): 8-16.

Dupuis ML, Flego M, Molinari A, Cianfriglia M. Saquinavir induces stable and functional expression of the multidrug transporter P-glycoprotein in the human CD4+ T-lymphoblastoid CEM(rev) cells. *HIV Medicine* 2003; 4(4): 338-345.

D'Urso V, Ruta F, Khouri C, Bianchi R, Depaquit J, Maroli M. About the presence of Phlebotomus sergenti Parrot, 1917 (Diptera: Psychodidae) in Eastern Sicily, Italy. *Parasite-Journal de la Societe Francaise de Parasitologie* 2003; 11(3): 279-283.

Esposito T, Issa E-H, Luzi AM, De Mei B. Integrazione e relazione per una medicina transculturale. *Bios diagnostica* 2003; 7(2): 25-32.

EUROCISS Working Group. Coronary and cerebrovascular population-based registers in Europe: are morbidity indicators comparable? *European journal of public health* 2003; 13(Suppl 1): 55-60.
(among participants: Giampaoli S, Palmieri L, Seccareccia F)

Fabiani M, Accorsi S, Aleni R, Rizzardini G, Natabi B, Gabrielli A, Opira C, Declich S. Estimating HIV prevalence and the impact of HIV/AIDS on a Ugandan hospital by combining serosurvey data and hospital-discharge records. *Journal of acquired immune deficiency syndromes* 2003; 34(1): 62-66.

Fabiani M, Fylkesnes K, Natabi B, Ayella EO, Declich S. Evaluating two adjustment methods to extrapolate HIV prevalence from pregnant women to the general female population in sub-Saharan Africa. *AIDS* 2003; 17(3): 399-405.

Fabiani M, Ayella EO, Natabi B, Ranghiasci A, Akongo C, Akello P, Di Vincenzo A, Meduri F, Opira C, Declich S. Factors influencing the acceptance of HIV voluntary counselling and testing among pregnant women in north Uganda [abstract]. *Antiviral therapy* 2003; 3(Suppl 1): S520.

Fabrizi L, Taylor G, Canas B, Boobis AR, Edwards RJ. Adduction of the chloroform metabolite phosgene to lysine residues of human histone H2B. *Chemical research in toxicology* 2003; 16: 266-275.

Fagnani C, Cotichini R, Stazi MA. Metodi di regressione ed inferenza causale: i modelli di equazioni strutturali. *Epidemiologia e prevenzione* 2003; 27(5): 303-309.

Fais S, Malorni W. Leukocyte uropod formation and membrane/cytoskeleton linkage in immune interactions. *Journal of leukocyte biology* 2003; 73: 556-563.

Falcone E, Cordioli P, Tarantino M, Muscillo M, Sala G, La Rosa G, Archetti LI, Marianelli C, Lombardi G, Tollis M. Experimental infection of calves with bovine viral diarrhoea virus type-2 (BVDV-2) isolated from a contaminated vaccine. *Veterinary research communications* 2003; 27(7): 577-589.

Falcone E, Cordioli P, Tarantino M, Muscillo M, La Rosa G, Tollis M. Genetic heterogeneity of bovine viral diarrhoea virus in Italy. *Veterinary research communications* 2003; 27(6): 485-494.

Falsini B, Piccardi M, Iarossi G, Fadda A, Merendino E, Valentini P. Influence of short-term antioxidant supplementation on macular function in age-related maculopathy. A pilot study including electrophysiologic assessment. *Ophthalmology* 2003; 110(1): 51-60.

Falsini B, Focosi F, Molle F, Manganelli C, Iarossi G, Fadda A, Dorin G, Mainster MA. Monitoring retinal function during transpupillary thermotherapy for occult choroidal neovascularization in age-related macular degeneration. *Investigative ophthalmology and visual science* 2003; 44(5): 2133-2140.

Falzano L, Quaranta MG, Travaglione S, Filippini P, Fabbri A, Viora M, Donelli G, Fiorentini C. Cytotoxic necrotizing factor 1 enhances reactive oxygen species-dependent transcription and secretion of proinflammatory cytokines in human uroepithelial cells. *Infection and immunity* 2003; 71(1): 4178-4181.

Fantuzzi L, Spadaro F, Vallanti G, Canini I, Ramoni C, Vicenzi E, Belardelli F, Poli G, Gessani S. Endogenous CCL2 (Monocyte chemotactic protein-1) modulates human immunodeficiency virus type-1 replication and affects cytoskeleton organization in human monocyte-derived macrophages. *Blood* 2003; 102(7): 2334-2337.

Fantuzzi L, Belardelli F, Gessani S. Monocyte/macrophage-derived CC chemokines and their modulation by HIV-1 and cytokines: a complex network of interactions influencing viral replication and AIDS pathogenesis. *Journal of leukocyte biology* 2003; 74(5): 719-725.

Faralli C, Zuccaro P, Russo R, Scafato E. Alcol e televisione: i modelli di consumo di bevande alcoliche nelle fiction e nei film televisivi. *Alcologia (Bologna)* 2003; 15(1-2-3): 95-109.

Farré M, Roset PN, de La Torre R, Segura M, Ortuno J, Abanades JS, Torrens M, Pichini S, Pacifici R, Zuccaro P. Interaction of paroxetine and MDMA in humans: pharmacological effects and pharmacokinetics. *Trastornos adictivos* 2003; 5(2): 140.

Fasanella A, Losito S, Adone R, Ciuchini F, Trotta T, Altamura SA, Chiocco D, Ippolito G. PCR assay to detect *Bacillus anthracis* spores in heat-treated specimens. *Journal of clinical microbiology* 2003; 41(2): 896-899.

Fattibene P, Angelone M, Pillon M, De Coste V. Tooth enamel dosimetric response to 2,8 MEV neutrons. *Nuclear instruments & methods in physics research section B-beam interactions with materials and atoms* 2003; 201: 480-490.

Fattore E, Di Domenico A, Pastorelli G, Facchetti S, Bertazzi PA, Fanelli R. Assessment of exposure to dioxins of the Seveso (Milan, Italy) area inhabitants [proceedings]. *Organohalogen compounds* 2003; 64: 124-127.

Fattorini L, Tan D, Iona E, Mattei M, Giannoni F, Brunori L, Recchia S, Orefici G. Activities of moxifloxacin alone and in combination with other antimicrobial agents multidrug-resistant *Mycobacterium tuberculosis* infection in BALB/c mice. *Antimicrobial agents and chemotherapy* 2003; 47(1): 360-362.

Faucitano A, Buttafava A, Montanari L, Cilurzo F, Conti B, Genta I, Valvo L. Radiation-induced free radical reactions in polymer/drug system for controlled release: an EPR investigation. *Radiation physics and chemistry* 2003; 67(1): 61-72.

Fedele G, Frasca L, Palazzo R, Spensieri F, Ferrero E, Malvasi F, Ausiello CM. L'ectoenzima CD38 è un marcitore di maturazione di cellule dendritiche umane e regola l'espressione di CD38 e la produzione di IL-12 [abstract]. *Bollettino della SIM* 2003.

Federici M, Petrone A, Porzio O, Bizzarri C, Lauro D, D'Alfonso R, Patera I, Cappa M, Nisticò L, Baroni MG, Sesti G, Di Mario U, Lauro R, Buzzetti R. The Gly972-->Arg IRS-1 variant is associated with type 1 diabetes in continental Italy. *Diabetes* 2003; 52(3): 887-890.

Federico M. From lentiviruses to lentivirus vectors. *Methods in molecular biology* 2003; 229: 3-15.

Feliciani R. Il legno a contatto alimentare. *De qualitate* 2003; (Ott): 97-98.

Fenech M, Bonassi S, Turner BJ, Lando C, Ceppi M, Chang WP, Holland N, Kirsch-Volders M, Zeiger E, Bigatti MP, Bolognesi C, Cao J, De Luca G, Di Giorgio M, Ferguson LR, Fucic A, Lima OG, Hadjidekova VV, Hrelia P, Jaworska A, Joksic G, Krishnaja AP, Lee TK, Martelli A, McKay MJ, Migliore LM, Mirkova E, Muller WU, Odagiri Y, Orsiere T, Scarfi MR, Silva MJ, Sofuni T, Surralles J, Trenta G, Vorobtsova I, Vral A, Zijno A, Suralles J. Intra- and inter - laboratory variation in the scoring of micronuclei and nucleoplasmic bridges in binucleated human lymphocytes. Results of an international slide - scoring exercise by the HUMN project. *Mutation research-fundamental and molecular mechanisms of mutagenesis* 2003; 534(1-2): 65-75.

Fenicia L, Ferrini AM, Anniballi F, Mannoni V, Aureli P. Considering the antimicrobial sensitivity of the intestinal botulism agent *Clostridium butyricum* when treating concomitant infections. *European journal of epidemiology* 2003; 18(12): 1153-1154.

Ferretti A, Knijn A, Raggi C, Sargiacomo M. High-resolution proton magnetic resonance measures mobile lipids associated with Triton-resistant membrane domains in haematopoietic K562 cells lacking or expressing caveolin-1. *European biophysics journal* 2003; 32(2): 83-95.

Ferretti A, Knijn A, Raggi C, Sargiacomo M. High-resolution proton NMR measures mobile lipids associated with Triton-resistant membrane domains in Haematopoietic K562 cells lacking or expressing caveolin-1. *European biophysics journal* 2003; 32(2): 83-95.

Ferrini AM. Considerations on antibiotic resistant Listeria monocytogenes isolated from meat in Italy. *Feedinfo News Service. Scientific reviews* 2003.

Available from: <http://www.feedinfo.com/guest/feedinfo/sr.aspx>

Ferrini AM, Pourshaban M, Mannoni V, Oliva B, Aureli P. Listeria monocytogenes isolata da alimenti: possibile serbatoio di resistenza agli antibiotici? *Giornale italiano di microbiologia medica odontoiatrica e clinica* 2003; 7(1): 49-52.

Ferrini AM, Aureli P, Salvatore G, Ceddia T, Piccirilli E, Pontieri E, Oliva B. Meccanismo di azione e attività antibatterica dell'olio essenziale di Melaleuca alternifolia della sua frazione terpinen-4-olo nei confronti degli stafilococchi [abstract]. *Bollettino della Società italiana di microbiologia* 2003; 5(1): 26.

Figà-Talamanca I, Tarquini M, Lauria L. È possibile utilizzare il sex ratio alla nascita come indicatore di presenza di Endocrine Disrupters in contaminazioni ambientali? *Giornale italiano di medicina del lavoro e ergonomia* 2003; 25(3 Suppl): 52-53.

Figà Talamanca I, Carbone P, Lauria L, Spinelli A, Ulizzi L. Environmental factors and the proportion of males at birth in Italy. *Archives of environmental health* 2003; 58(2): 119-124.

Fiore M, Amendola T, Triaca V, Tirassa P, Alleva E, Aloe L. Agonistic encounters in aged male mouse potentiate the expression of endogenous brain NGF and BDNF: possible implication for brain progenitor cells' activation. *European journal of neuroscience* 2003; 17(7): 1455-1464.

Fiorentini C, Falzano L, Travaglione S, Fabbri A. Hijacking Rho GTPases by protein toxins and apoptosis: molecular strategies of pathogenic bacteria. *Cell death and differentiation* 2003; 10(2): 147-152.

Fischl MA, Ribaldo HJ, Collier AC, Erice A, Giuliano M, Dehlinger M, Eron JJ, Saag MS, Hammer SM, Vella S, Morse GD, Feinberg JE, AIDS clinical trials group 388 study. A randomized trial of 2 different 4-drug antiretroviral regimens versus a 3-drug regimen, in advanced human immunodeficiency virus disease. *Journal of infectious diseases* 2003; 188(5): 625-634.

Flego M, Mennella V, Moretti F, Poloni F, Dupuis ML, Ascione A, Barca S, Felici F, Cianfriglia M. Identification by phage display of the linear continuous MRP1 epitope in the multidrug resistance associated protein (MRP1). *Biological chemistry* 2003; 348(1): 139-142.

Florence E, Lundgren JD, Dreezen C, Fisher M, Kirk O, Blaxhult A, Panos G, Katlama C, Vella S, Phillips AN, EuroSIDA Study Group. Factors associated with a reduced CD4 lymphocyte count response to HAART despite full viral suppression in the EuroSIDA study. *HIV Medicine* 2003; 4(3): 255-262.

Floridia G, Uccellatore F, Mineo R, Grilli G, Salvatore M, Taruscio D. Cytogenetic characterization of thyroid cancer cell lines by using comparative genomic hybridization and conventional Q-banding [abstract]. *European journal of human genetics* 2003; 11(Suppl 1): 77.

Foglia G, Del Grosso M, Vignaroli C, Bagnarelli P, Varaldo PE, Pantosti A, Biavasco F. Molecular analysis of Tn1546-like elements mediating high-level vancomycin resistance in Enterococcus gallinarum. *Journal of antimicrobial chemotherapy* 2003; 52(5): 772-775.

Fogliarino S, Sala Frigerio C, Terreni L, Piscopo P, Crestini A, Franceschi M, Bruni A, Cantafora A, Confalonieri A, Forloni G. Genetic aspects of nicastrin in Alzheimer's disease [abstract]. *Clinical neuropathology* 2003; 22(3): 148.

Fokas S, Boccia D, Pantosti A, D'Ancona F, Giannitelli S, Lana S, D'Ambrosio F, Salmaso S. Antimicrobial resistance surveillance in Italy: results of AR-ISS project [abstract]. *Clinical microbiology and infection* 2003; 9(Suppl 1): 249.

Fokas S, D'Ancona F, Boccia D, Pantosti A, Giannitelli S, Meduri F, Salmaso S. L'antibioticoresistenza in Italia: il progetto AR-ISS. Risultati del primo anno di attività e prospettive per il futuro. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(1): 11-14.

Forman D, Stockton D, Moller H, Quinn M, Babb P, De Angelis R, Micheli A. Cancer prevalence in the UK: results from the EUROPREVAL study. *Annals of oncology* 2003; 14(4): 648-654.

Forte G, D'Amato M, Caroli S. A pilot study for the quantification of As species by capillary electrophoresis. *ICP information newsletter* 2003; 24(5): 425.

Forte G, Alessandrelli M, Cresti R, D'Ilio S, Caroli S. The ISS contribution to an IAEA proficiency test for trace elements in fish tissue [abstract]. *ICP information newsletter* 2003; 29(5): 426-427.

Fortes C, Farchi S, Forastiere F, Agabiti N, Pacifici R, Zuccaro P, Perucci C, Ebrahim S. Depressive symptoms lead to impaired cellular immune response. *Psychotherapy and psychosomatics* 2003; 72(5): 253-260.

Fortini P, Pascucci B, Parlanti E, D'Errico M, Simonelli V, Dogliotti E. 8-oxoguanine DNA damage: at the crossroad of alternative repair pathways. *Mutation research-fundamental and molecular mechanisms of mutagenesis* 2003; 531(1-2): 127-139.

Fortini P, Pascucci B, Parlanti E, D'Errico MR, Simonelli V, Dogliotti E. The base excision repair: mechanisms and its relevance for cancer susceptibility. *Biochimie* 2003; 85(11): 1053-1071.

Francesconi P, Yoti Z, Declerck S, Awil Onek P, Fabiani M, Olango J, Andraghetti R, Rollin PE, Opira C, Greco D, Salmaso S. Ebola hemorrhagic fever transmission and risk factors of contacts, Uganda. *Emerging infectious diseases* 2003; 9(11): 1430-1437.

Francesconi P, Yoti Z, Declerck S, Onek PA, Fabiani M, Olango J, Andraghetti R, Rollin PE, Opira C, Greco D, Salmaso S. Ebola hemorrhagic fever transmission and risk factors of contacts, Uganda. *Emerging infectious diseases* 2003; 9(11): 1430-1437.

Franchini L, Levi G, Visentin S. Inwardly rectifying K⁺ channels influence Ca²⁺ entry due to nucleotide receptor activation in microglia. *Cell calcium* 2003; 35(5): 449-459.

Franchitto A, Pichierri P, Piergentili R, Crescenzi M, Bignami M, Palitti F. The mammalian mismatch repair protein MSH2 is required for correct MRE11 and RAD51 relocalisation and for efficient cell cycle arrest induced by ionising radiation in G2-phase. *Oncogene* 2003; 22(14): 2110-2120.

Franco E, Ferro A, Mané I, Cauletti M, Zaratti L, Angelini A, Fabiani M, Declerck S. Controllo delle donazioni di sangue in Guinea Bissau [abstract]. *Italian journal of public health* 2003; 1(1): 39.

Francolini I, Di Rosa R, Piozzi A, Marconi W, Donelli G. Adsorption of antibiotics on functionalized polyurethanes as a strategy to prevent intravascular catheter-associated infections [abstract]. *Clinical microbiology and infection* 2003; 9 (Suppl 1): 78.

Francolini I, Donelli G, Stoodley P. Polymer designs to control biofilm growth on medical devices. *Reviews in environmental science and bio/technology* 2003; 2(2-4): 307-319.

Fazzoli C, Alessandrelli M, Cresti R, Robouch P, Caroli S. A CRL-IRMM joint proficiency test for trace elements in fish tissue [abstract]. *ICP information newsletter* 2003; 29(5): 417.

Frezza D, Favaro M, Vaccari G, von-Holst C, Giambra V, Anklam E, Bove D, Battaglia PA, Agrimi U, Brambilla G, Ajmone-Marsan P, Tartaglia M. A competitive polymerase chain reaction-based approach for the identification and semiquantification of mitochondrial DNA in differently heat-treated bovine meat and bone meal. *Journal of food protection* 2003; 66(1): 103-109.

Gabbianelli M, Testa U, Massa A, Morsilli O, Saulle E, Sposi NM, Petrucci E, Mariani G, Peschle C. HbF reactivation in sibling BFU-E colonies: synergistic interaction of kit ligand with low dose dexamethasone. *Blood* 2003; 101(7): 2826-32.

Gagliardi L, De Orsi D, Chimenti P, Porrà R, Tonelli D. HPLC determination of imidazole antimycotics in antidandruff cosmetic products. *Analytical sciences* 2003; 19(8): 1195-1197.

Gagliardi MC, De Magistris MT. Maturation of human dendritic cells induced by the adjuvant Cholera Toxin role of cAMP on chemokine receptor expression. *Vaccine* 2003; 71(9-10): 856-861.

Gaist D, Pedersen NL, Koskenvuo M, Bak S, Giampaoli S, Christensen K, Kaprio J. Stroke research in GenomEUtwin. *Twin research* 2003; 6(5): 442-447.

Galati F, Quintieri F, Pugliese O, Di Benedetto C, Nanni Costa A. A new tool for improving data management of the Quality Control Program on HLA typing in Italy. *EFI newsletter* 2003; Mar(39): 11-13.

Gallo FR, Federici E, Panzini G, Altieri I. Valutazione di sicurezza dei preparati erboristici. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(10): 3-8.

Gamble RH, Pozio E, Bruschi F, Nockler K, Kapel CM, Gajadhar AA. International commission on Trichinellosis: recommendations on the use of serological tests for the detection of *Trichinella* infection in animals and man. *Parasite-Journal de la Societe Francaise de Parasitologie* 2003; 11(1): 3-13.

Garaci E. Riforma dell'Istituto Superiore di Sanità. Sotto il segno dell'autonomia. *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(4): 3.

Garcia Algar O, Pichini S. Cardiopulmonary resuscitation and emergency tracheal intubation in newborn and children: simplifying the use of drugs. *Resuscitation* 2003; 59(2): 277-279.

Garcia Algar O, Pichini S, Castellanos E. Consejo médico para promover el abandono del consumo de tabaco en el ambarazo: guía clínica para profesionales sanitarios. *Atencion Primaria* 2003; 32(8): 481-491.

Garcia Algar O, Pichini S, Pacifici R, Castellanos E. Medical counseling to promote smoking cessation during pregnancy: clinical guide-lines for health professionals. *Atencion Primaria* 2003; 32(8): 481-491.

Garcia-Algar O, Vall O, Segura J, Pascual JA, Diaz D, Munoz L, Zuccaro P, Pacifici R, Pichini S. Nicotine concentrations in deciduous teeth and cumulative exposure tobacco smoke during childhood [letter]. *JAMA-Journal of the American Medical Association* 2003; 290(2): 196-197.

Garcia-Algar O, Zapater M, Figueroa C, Vall O, Basagana X, Sunyer J, Freixa A, Guardino X, Pichini S. Sources and concentrations of indoor nitrogen dioxide in Barcelona, Spain. *Journal of the Air and Waste Management Association* 2003; 53(11): 1312-1317.

Garibaldi F, Cisbani E, Colilli S, Cusanno F, Frullani S, Fratoni R, Giuliani F, Gricia M, Iodice M, Lucentini M, Pierangeli L, Santavenere F, Urciuoli GM, Veneroni P, De Cataldo G, De Leo R, Lagamba L, Nappi E, Paticchio V, LeRose JJ, Kross B, Reitz B, Segal J, Zorn C, Breuer H. A proximity focusing RICH detector for kaon physics at Jefferson lab hall A. *Nuclear instruments & methods in physics research section A-accelerators sp* 2003; 502(1): 117-122.

Garibaldi F, Cisbani E, Colilli S, Cusanno F, Giuliani F, Gricia M, Lucentini M, Pierangeli L, Santavenere F, Urciuoli GM, Pani R, Pellegrini R, Cinti MN, Scafe R. Scintillator and photodetector array optimization for functional breast imaging. *Nuclear instruments & methods in physics research section A-accelerators sp* 2003; 497(1): 51-59.

Gariboldi MB, Ravizza R, Riganti L, Meschini S, Calcabrini A, Marra M, Arancia G, Dolfini E, Monti E. Molecular determinants of intrinsic resistance to doxorubicin in human cancer cell lines. *International journal of oncology* 2003; 22(5): 1057-1064.

Garofalo T, Misasi R, Mattei V, Giannì Marioli AM, Malorni W, Pontieri GM, Pavan A, Sorice M. Association of the death-inducing signaling complex with microdomains after triggering through CD95/Fas. Evidence for caspase-8-ganglioside interaction in T cells. *Journal of biological chemistry* 2003; 278(10): 8309-8315.

Garulli B, Kawaoka Y, Castrucci MR. Mucosal and systemic immune responses to a human immunodeficiency virus type 1 epitope induced upon vaginal infection with a recombinant influenza A virus. *Journal of virology* 2003; 78(2): 1020-1025.

Gatta G, Capocaccia R, De Angelis R, Stiller C, Coebergh JW, EUROCARE Working Group. Cancer survival in European adolescents and young adults. *European journal of cancer* 2003; 39(18): 2600-2610.

Gatta G, Corazziari I, Magnani C, Peris-Bonet R, Roazzi P, Stiller C, EUROCARE Working Group. Childhood cancer survival in Europe. *Annals of oncology* 2003; 14(Suppl 5): V119-V127.

Gatta G, Ciccolallo L, Capocaccia R, Coleman MP, Hakulinen T, Moller H, Berrino F, EUROCARE Working Group. Differences in colorectal cancer survival between European and US populations: the importance of sub-site and morphology. *European journal of cancer* 2003; 39(15): 2214-2222.

Gaudiano MC, Diociaiuti M, Bertocchi P, Valvo L. Effects induced by hydroxyl radicals on salmon calcitonin: a RP-HPLC, CD and TEM study. *Biochimica et biophysica acta-general subjects* 2003; 1623(1): 33-40.

Gaudiano MC, Valvo L, Bertocchi P, Manna L. RP-HPLC study of the degradation of diclofenac and piroxicam in the presence of hydroxyl radicals. *Journal of pharmaceutical and biomedical analysis* 2003; 32(1): 151-158.

Gemma S, Vittozzi L, Testai E. Metabolism of chloroform in the human liver and identification of the competent P450s. *Drug, metabolism and disposition* 2003; 31(3): 266-274.

Gentili G, Cristiano K, Pisani G, Bisso GM, Miceli M, Wirz M, National collaborative study group. Collaborative study for the calibration of a new Italian HCV RNA reference preparation against the international standard. *Annali dell'Istituto Superiore di Sanità* 2003; 39(2): 183-187.

Gentili G, Pisani G, Saldanha J, Cristiano K, Wirz M, Bisso GM, Mele C. High proficiency in detecting the six major hepatitis C virus genotypes of laboratories involved in testing plasma by nucleic acid amplification technology. *Vox sanguinis* 2003; 85(2): 114-116.

Gentili S, Cornetta M, Macchia T. Rapid screening procedure based on headspace solid-phase microextraction and gas chromatography-mass spectrometry for the detection of many recreational drugs in hair. *Journal of chromatography B-analytical technologies in the biomedical and life sciences* 2003; 801(2): 289-296.

Gherardi G, Del Grosso M, Scotto D'Abusco A, D'Ambrosio F, Dicuonzo G, Pantosti A. Phenotypic and genotypic characterization of two penicillin-susceptible serotype 6B *Streptococcus pneumoniae* clones circulating in Italy. *Journal of clinical microbiology* 2003; 41(7): 2855-2861.

Giacomozzi C, Cesinaro S, Basile F, De Angelis G, Giansanti D, Maccioni G, Masci E, Panella A, Paolizzi M, Torre M, Valentini P, Macellari V. Measurement device for ankle joint kinematic and dynamic characterisation. *Medical and biological engineering and computing* 2003; 41(4): 486-493.

Giacomozzi C, Giansanti D, Morelli S, Maccioni G, Macellari V. New instrumental set for the assessment of the hand functionality. *Medical and biological engineering and computing* 2003; 41(5): 513-515.

Giacomozzi C, Giansanti D, Morelli S, Maccioni G, Macellari V. Objective analysis of finger function. *Hand clinics* 2003; 19(3): 421-430.

Giammanco A, Taormina S, Chiarini A, Dardanoni G, Stefanelli P, Salmaso S, Mastrantonio P. Analogous IgG subclass response to pertussis toxin in vaccinated children, healthy or affected by whooping cough. *Vaccine* 2003; 21(17-18): 1924-1931.

Giampaoli S, Ferrario M, Chiodini P, Palmieri L, Panico S, Vanuzzo D. Carta del rischio di infarto del miocardiode "il progetto cuore". *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(3): iii-iv.

Giampaoli S, Vanuzzo D. I fattori di rischio. *Rapporto Osservasalute 2003. Stato di salute e qualità dell'assistenza nelle regioni italiane* 2003: 81-93.

Gianfagna A, Ballirano P, Bellatreccia F, Bruni B, Paoletti L, Oberti R. Characterization of amphibole fibres linked to mesothelioma in the area of Biancavilla, Eastern Sicily, Italy. *Mineralogical magazine* 2003; 67(6): 1221-1229.

Gianfranceschi MV, Gattuso A, Tartaro S, Aureli P. Incidence of *Listeria monocytogenes* in food and environmental samples in Italy between 1990 and 1999: serotype distribution in food, environmental and clinical samples. *European journal of epidemiology* 2003; 18(10): 1001-1006.

Gianfriddo M, Corsi C, Melani A, Pezzola A, Reggio R, Popoli P, Pedata F. Adenosine A(2A) antagonism increases striatal glutamate outflow in the quinolinic acid rat model of Huntington's disease. *Brain research* 2003; 979(1-2): 225-229.

Giannakopoulou D, Adriani W, Laviola G. Altered profiles of novelty seeking and impulsive behaviour in rats exposed to neonatal asphyxia: interaction with environmental enrichment [abstract]. *Behavioural pharmacology* 2003; 14(Suppl 1): S35.

Giansanti D, Chiari L, Dozza M, Macellari V, Maccioni G, Cappello A. Change in trunk inclination induced by an audio biofeedback system for posture control [abstract]. *Gait and posture* 2003; 18(Suppl 1): S9-S10.

Giansanti D, Macellari V, Maccioni G, Cappozzo A. Is it feasible to reconstruct body segment 3-D position and orientation using accelerometric data? *IEEE transactions on biomedical engineering* 2003; 50(4): 476-483.

Gianviti A, Tozzi AE, De Petris L, Caprioli A, Ravà L, Edefonti A, et al. Risk factors for poor renal prognosis in children with hemolytic uremic syndrome. *Pediatric nephrology* 2003; 18(12): 1229-1235.

Gigantesco A, Sbardella A, Morosini P. Confronto di due scale di risposta e studio dei determinanti della soddisfazione complessiva in un nuovo questionario autocompilato per la valutazione dell'opinione dei pazienti di un day hospital psichiatrico. *Rivista di psichiatria* 2003; 38(1): 42-47.

Gigantesco A, Picardi A, Chiaia E, Balbi A, Morosini P. Job satisfaction among mental health professionals in Rome, Italy. *Community mental health journal* 2003; 39(4): 349-355.

Gigantesco A, Morosini P, Bazzoni A. Quality of psychiatric care: application and validation of an instrument for measuring inpatient opinion. *International journal for quality in health care* 2003; 15(1): 73-78.

Gigantesco A, Chiaia E, Morosini P, Balbi A. Validazione di uno strumento di valutazione dell'opinione dei pazienti e dei familiari dei servizi di salute mentale. *Giornale Italiano di psicopatologia* 2003; 9(1): 17-22.

Giorda C, Maggini M, Spila Alegiani S, Turco S, Raschetti R, DAI study group. Secondary prevention for coronary artery disease in high-risk diabetic patients. *Nutrition metabolism and cardiovascular diseases* 2003; 13(4): 238-243.

Giovannetti A, Pierdominici M, Marziali M, Mazzetta F, Caprini E, Russo G, Bugarini R, Bernardi ML, Mezzaroma I, Aiuti F. Persistently biased TCR repertoires in HIV-1-infected HAART-treated patients despite sustained suppression of viral replication. *Journal of acquired immune deficiency syndromes* 2003; 34(2): 140-154.

Giovannini C, Matarrese P, Scazzocchio B, Varì R, D'Archivio M, Straface E, Masella R, Malorni W, De Vincenzi M. Wheat gliadin induces apoptosis of intestinal cells via an autocrine mechanism involving Fas-Fas ligand pathway. *FEBS letters* 2003; 540(1-3): 117-124.

Giuliani A, Benigni R. Bioinformatica: nuovo termine o nuova scienza? *Notiziario dell'Istituto Superiore di Sanità* 2003; 16(4): 5-8.

Giuliani A, Benigni R, Colafranceschi M, Chandrashekhar I, Cowsik SM. Large contact surface interaction between proteins detected by time series analysis methods: case study on C-Phycocyanins. *Proteins-structure function and genetics* 2003; 51(2): 299-310.

Giuliano M, Palmisano L, Galluzzo CM, Amici R, Germinario E, Okong P, Kituuka P, Mmirro F, Magoni M, Vella S. Selection of resistance mutations in pregnant women receiving zidovudine and lamivudine to prevent HIV perinatal transmission. *AIDS* 2003; 17(10): 1570-1572.

Giustini M, Ade P, Funari E. Incidente nelle aree di balneazione. *Annali dell'Istituto Superiore di Sanità* 2003; 39(1): 69-76.

Gizzi G, van Raamsdonk LWD, Baeten V, Murray I, Berben G, Brambilla G, von Holst C. An overview of tests for animal tissues in animal feeds applied in response to public health concerns regarding bovine spongiform encephalopathy. *Revue scientifique et technique de l'Office international des épizooties* 2003; 22(1): 311-31.