

Federico, M., Nappi, F., Mavilio, F., Verani, P. (1996). A replication-deficient human immunodeficiency virus-1 genome as an interference-inducing provirus. In: Development and applications of vaccines and gene therapy in AIDS. G. Giraldo, D.P. Bolognesi, M. Salvatore, E. Beth-Giraldo (Eds). *Antibiot. Chemother.*, **48**: 217-225.

Giammarioli, A.M., Mackow, E.R., Fiore, L., Greenberg, H.B., Ruggeri, F.M. (1996). Production and characterization of murine IgA monoclonal antibodies to the surface antigens of rhesus rotavirus. *Virology*, **225**: 97-110.

Giorgi, C. (1996). Molecular biology of Phlebovirus. In: *The Bunyaviridae*. R.M. Elliott (Ed.). New York, Plenum Press. p. 105-128.

Iorio, A.M., Alatri, A., Francisci, D., Preziosi, R., Neri, M., Donatelli, I., Castrucci, M.R., Biasio, L.R., Tascini, C., Iapoco, R., Pierucci, P., Baldelli, F. (1996). Immunogenicity of influenza vaccine (1993-94 winter season) in HIV-seropositive and -seronegative ex-intravenous drug users. *Vaccine*, **14**.

Lelieveld, H.L.M., Boon, B., Bennett, A., Brunius, G., Cantley, M., Chmiel, A., Collins, C.H., Crooy, P., Dobhoff-Dier, O., Economidis, I., Elmquist, A., Frontali-Botti, C., Havenaar, R., Haymerle, H., Käppeli, O., Leaver, G., Lex, M., Lund, S., Mahler, J.L., Marris, R., Martinez, J.L., Mosgaard, Ch., Normand-Plessier, C., Romantschuk, M., Rudan, F., Wagner, K., Werner, R.G. (1996). Safe biotechnology. 7. Classification of microorganisms on the basis of hazard. *Appl. Microbiol. Biotechnol.*, **45**: 723-729.

Lucidi, V., Fiore, L., Caniglia, M., Rosati, P., Novello, F., Papadatou, B., Medda, E., Gentili, G., Amato, C., Castro, M. (1996). Poliomyelitis and tetanus immunization: antibody responses in patients with cystic fibrosis. *Pediatr. Infect. Dis. J.*, **15** (10): 914-916.

Mitnaul, L.J., Castrucci, M.R., Murti, K.G., Kawaoka, Y. (1996). The cytoplasmic tail of influenza A virus neuraminidase (NA) affects NA incorporation into virions, viron morphology and virulence in mice but it is not essential for virus replication. *J. Virol.*, **70** (12): 873-879.

Nicoletti, L., Ciufolini, M.G., Verani, P. (1996). Sandfly fever viruses in Italy. *Arch. Virol.*, **11** (Suppl.): 41-47.

Novello, F., Ridolfi, B., Fiore, L., Buttinelli, G., Medda, E., Favero, A., Marchetti, D., Gaglioppa, F. (1996). Comparison of capillary blood

versus venous blood samples in the assessment of immunity to measles. *J. Virol. Methods*, **61**: 73-77.

Taddeo, B., Carlini, F., Verani, P., Engelman, A. (1996). Reversion of a human immunodeficiency virus type-1 integrase mutant at a second site restores enzyme function and virus infectivity. *J. Virol.*, **70** (12): 8277-8284.

Sottoprogetto 2: Epidemiologia dell'AIDS

Arcieri, R., Schinaia, N. (1996). Reclassified AIDS cases in Italy 1990-95. [Letter]. *Lancet*, **348** (9043): 1741-1742.

Conti, S., Cozzi Lepri, A., Farchi, G., Napoli, P.A., Prati, S., Rezza, G. (1996). AIDS: a major health problem among young Italian women. *AIDS*, **10**: 407-411.

Conti, S., Farchi, G., Galletti, A., Rezza, G., Prati, S. (1996). L'AIDS come problema di grande rilievo per la salute della donna. *Epidemiol. Prev.*, **20**: 133-135.

De Santi, A. (1996). Formazione: strumento di prevenzione del disagio degli operatori del volontariato. *L'Assistenza Sociale*, (1): 162-164.

De Santi, A., Greco, D. (1996). La metodologia didattica del Piano Nazionale di Formazione AIDS. *Medic*, **4** (2): 100-103.

Giuliani, M., Suligoi, B. (1996). Immigrati e malattie sessualmente trasmesse. *Professione Sanità Pubblica e Medicina Pratica*, **5**: 32-35.

Mariotti, S., Cascioli, R. (1996). Sources of uncertainty in estimating HIV infection rates by back-calculation: an application to Italian data. *Stat. Med.*, **15**: 2669-2687.

Piovesan, C., Pezzotti, P., Rezza, G., Moro, G., Serpelloni, G., Scaggiante, R., Trivello, R., Ferraro, P. (1996). Sorveglianza dell'infezione da HIV e dell'AIDS in Veneto: integrazione tra i due sistemi e confronto con stime mediante un modello di "back-calculation". *G. Ital. AIDS*, **7** (2): 45-54.

Serraino, D., Napoli, P.A., Zaccarelli, M., Alliegro, M.B., Pezzotti, P., Rezza, G. (1996). High frequency of invasive cervical cancer among female injecting drug users with AIDS in Italy. *AIDS*, **10**: 1041-1055.

Serraino, D., Pezzotti, P., Dorrucci, M., Alliegro, M.B., Sinicco, A., Rezza, G. (1996). Cancer incidence in a cohort of human immunodeficiency virus seroconverters. *Cancer*, **79**: 1004-1008.

Suligoi, B. (1996). The natural history of HIV infection among women as compared to men. *Sexually Transmitted Dis.*, **24** (2): 77-83.

Suligoi, B., Giuliani, M., Napoli, P.A., Rezza, G. (1996). AIDS e malattie a trasmissione sessuale in soggetti stranieri. *MEDITRAVEL*, **4** (1): 89-96.

Suligoi, B., Giuliani, M., e i Responsabili dei Centri del Sistema di Sorveglianza Nazionale delle MST e del Progetto di Sorveglianza MST in Stranieri. (1996). La sorveglianza delle malattie sessualmente trasmesse: la metodologia e la sua applicazione. *Perspect. Gynecol. Obstetr.*, **1**: 206-211.

Suligoi, B., Giuliani, M., e i Responsabili del Progetto di Sorveglianza MST in Stranieri in Italia. (1996). Immigrazione e malattie sessualmente trasmesse. *DERMO-TIME*, **8** (3/4): 2-4.

Verdecchia, A., Grossi, P. (1996). Ruolo dell'età, della popolazione suscettibile e della mortalità competitiva nella stima backcalculation delle infezioni da HIV. *Stat. Appl.*, **8**: 127-140.

Sottoprogetto 3: Immunomodulatori, citochine e chemioterapia

Angioletta, L., Facchin, M., Stringaro, A., Maras, B., Simonetti, N., Cassone, A. (1996). Identification of a glucan-associated enolase as a main cell wall protein of *Candida albicans* and an indirect target of lipopeptide antimycotics. *J. Infect. Dis.*, **173**: 684-690.

Cassone, A. (1996). Cell-mediated immunity mechanisms in fungal infections. In: *Fungal diseases. Biology, immunology, and diagnosis*. P.H. Jacobs, L. Nall (Eds). New York, Marcel Dekker. p. 113-135.

Cassone, A., Orefici, G. (1996). Summary of TBC profile in the Horn of Africa. In: *Proceedings of the Regional conference of public*

health in the Horn of Africa. Addis Ababa, 2-5 April 1996. A.M. Ahmed, M. Barone, A. Bertini, R. Guerra, S. Manrho, A. Miozzo, F. Piccinno (Eds). ICHM - Istituto Superiore di Sanità, WHO Collaborating Centre; Italilan Ministry of Foreign Affairs. Roma, Istituto Superiore di Sanità. p. 57-64.

Chiani, P., Torosantucci, A., Quinti, I., Cassone, A. (1996). Interleukin-10 inhibits the production of proinflammatory cytokines but neither lactoferrin release nor the anti-*Candida* activity of polymorphonuclear granulocytes from HIV-infected or uninfected subjects. *Immunol. Infect. Dis.*, **6**: 189-196.

Cornaglia, G., Ligozzi, M., Mazzariol, A., Valentini, M., Orefici, G., Italian Surveillance Group for Antimicrobial Resistance, Fontana, R. (1996). Rapid increase of resistance to erythromycin and clindamycin in *Streptococcus pyogenes* in Italy, 1993-1995. *Emerging Infect. Dis.*, **2** (4): 1-8.

Fantuzzi, L., Gessani, S., Borghi, P., Varano B., Conti, L., Puddu, P., Belardelli, F. (1996). Induction of interleukin 12 (IL-12) by recombinant glycoprotein gp120 of human immunodeficiency virus type 1 in human monocytes/macrophages: requirement of gamma interferon for IL-12 secretion. *J. Virol.*, **70** (6): 4121-4124.

Fattorini, L., Vincent, V., Li, B., Xiao, Y., Varnerot, A., Tortoli, E., Piersimoni, C., Mandler, F., Mascellino, M.T., Iona, E., Orefici, G. (1996). Type frequency and antimicrobial susceptibility of *Mycobacterium avium-intracellulare* complex strains isolated in Italy from AIDS and non-AIDS patients. *J. Chemother.*, **8** (1): 37-42.

Fattorini, L., Xiao, Y., Ausiello, C.M., Urbani, F., La Sala, A., Mattei, M., Orefici, G. (1996). Late acquisition of hyporesponsiveness to lypopolysaccharide by *Mycobacterium avium*-infected human macrophages in producing tumor necrosis factor- α but not interleukin-1 β and -6. *J. Infect. Dis.* **173**: 1030-1034.

Girmenia, C., Martino, P., De Bernardis, F., Gentile, G., Boccanera, M., Monaco, M., Antonucci, G., Cassone, A. (1996). Rising incidence of *Candida parapsilosis* fungemia in patients with hematologic malignancies: clinical aspects, predisposing factors, and differential pathogenicity of the causative strains. *Clin. Infect. Dis.*, **23**: 506-514.

Gomez, M.J., Torosantucci, A., Arancia, S., Maras, B., Parisi, L., Cassone, A. (1996). Purification of biochemical characterization of a

65-kilodalton mannoprotein (MP65), a main target of anti-*Candida* cell-mediated immune responses in humans. *Infect. Immun.*, **64** (7): 2577-2584.

La Sala, A., Urbani, F., Torosantucci, A., Cassone, A., Ausiello, C.M. (1996). Mannoproteins from *Candida albicans* elicit a Th-type-1 cytokine profile in human *Candida* specific long term T cell cultures. *J. Biol. Regul. Homeostat. Agents*, **10** (1): 8-12.

Mencacci, A., Spaccapelo, R., Del Sero, G., Enssle, K.H., Cassone, A., Bistoni, F., Romani, L. (1996). CD4⁺ T-helper-cell responses in mice with low-level *Candida albicans* infection. *Infect. Immun.*, **64** (12): 4907-4914.

Orefici, G. (1996). La sicurezza nel laboratorio di analisi microbiologica. Commenti al D.Lgs. 626. In: *Atti della Conferenza nazionale "I rischi microbiologici del 2000 nel settore alimentare. La garanzia della qualità operativa nel laboratorio di analisi microbiologica degli alimenti.* Bologna, 2 maggio 1996. Scuola di Specializzazione in Chimica e Tecnologie Alimentari; Facoltà di Chimica Industriale, Università degli Studi di Bologna. Oxoid, Lever Industriale. p. 25-29.

Pacifico, L., Scopetti, F., Ranucci, A., Pataracchia, M., Savignoni, F., Chiesa, C. (1996). Comparative efficacy and safety of 3-day azithromycin and 10-day penicillin V treatment of group A beta-hemolytic streptococcal pharyngitis in children. *Antimicrob. Agents Chemother.*, **40** (4): 1005-1008.

Polonelli, L., De Bernardis, F., Conti, S., Boccanera, M., Magliani, W., Gerloni, M., Cantelli, C., Cassone, A. (1996). Human natural yeast killer toxin-like candidacidal antibodies. *J. Immunol.*, **156**: 1880-1885.

Ricci, M.L., von Hunolstein, C., Gomez, M.J., Parisi, L., Tissi, L., Orefici, G. (1996). Protective activity of a murine monoclonal antibody against acute and chronic experimental infection with type IV group B streptococcus. *J. Med. Microbiol.*, **44**: 475-481.

Rizza, P., Santini, S.M., Logozzi, M.A., Lapenta, C., Sestili, P., Gherardi, G., Lande, R., Spada, M., Parlato, S., Belardelli, F., Fais, S. (1996). T-cell dysfunctions in hu-PBL-SCID mice infected with human immunodeficiency virus (HIV) shortly after reconstitution: *in vivo* effects of HIV on highly activated human immune cells. *J. Virol.*, **70** (11): 7958-7964.

Suligoi, B., von Hunolstein, C., Orefici, G., Scopetti, F., Pataracchia, M., Greco, D. (1996). Epidemiologia delle infezioni invasive da streptococco beta-emolitico di gruppo A in Italia. *G. Ital. Mal. Infett.*, **2** (6): 347-352.

Sottoprogetto 4: Meccanismi di trasmissione dell'infezione

Antonelli, M., Moro, M.L., D'Errico, R.R., Conti, G., Bufo, M., Gasparetto, A. (1996). Early and late onset bacteremia have different risk factors in trauma patients. *Intensive Care Med.*, **22**: 735-741.

Ascione, R., Gradoni, L., Maroli, M. (1996). Studio eco-epidemiologico su *Phlebotomus perniciosus* in focolai di leishmaniosi viscerale della Campania. *Parassitologia*, **38**.

Bigliocchi, F., Frusteri, L., Carrieri, M.P., Maroli, M. (1996). Distribution and density of house dust mites *Dermatophagoides* spp. (Acarina: Pyroglyphidae) in the mattresses of two areas in Rome, Italy. *Parassitologia*, **38**.

Castagnola, E., Davidson, R.N., Fiore, P., Tasso, L., Rossi, G., Mangraviti, S., Di Martino, L., Scotti, S., Cascio, A., Pempinello, R., Gradoni, L., Giacchino, R. (1996). Early efficacy of liposomal amphotericin B in the treatment of visceral leishmaniasis. *Trans. R. Soc. Trop. Med. Hyg.*, **90**: 317-318.

Ciceroni, L., Simeoni, J., Pacetti, A.I., Ciarrocchi, S., Cacciapuoti, B. (1996). Antibodies to *Borrelia burgdorferi* in sheep and goats. Alto Adige - South Tyrol, Italy. *Microbiologica*, **19**: 171-174.

Corona, R., Caprilli, F., Giglio, A., Stroffolini, T., Tosti, M.E., Gentili, G., Prignano, G., Pasquini, P., Mele, A. (1996). Risk factors for hepatitis B virus infection among heterosexuals attending a sexually transmitted disease clinic in Italy: role of genital ulcerative diseases. *J. Med. Virol.*, **48**: 262-266.

Cortecchia, W., Curti, C., Dametto, M.P., Di Todaro, O., Moro, M.L., Petrosillo, N., Salis, C. (1996). Prevenzione delle infezioni delle vie urinarie (IVU) nei pazienti cateterizzati: uso di catetere e assistenza infermieristica. Parte I. Evidenze esistenti sulla prevenzione delle infezioni delle vie urinarie. *G. Ital. Infezioni Osped.*, **3** (1): 9-14.

Cortecchia, W., Curti, C., Dametto, M.P., Di Todaro, O., Moro, M.L., Petrosillo, N., Salis, C. (1996). Prevenzione delle infezioni delle vie urinarie (IVU) nei pazienti cateterizzati: uso di catetere e assistenza infermieristica. Parte II. Raccomandazioni per la prevenzione delle infezioni delle vie urinarie. *G. Ital. Infezioni Osped.*, **3** (1) : 15-18.

Davidson, R.N., Di Martino, L., Gradoni, L., Giacchino, R., Gaeta, G.B., Pempinello, R., Scotti, S., Cascio, A., Castagnola, E., Maisto, A., Gramiccia, M., Di Caprio, D., Wilkinson, R.J., Bryceson, A.D.M. (1996). Short-course treatment of visceral leishmaniasis with liposomal amphotericin B (AmBisome). *Clin. Infect. Dis.*, **22**: 938-943.

Gradoni, L. (1996). Chemotherapy of leishmaniasis and trypanosomiasis: advances and failures. *Curr. Opin. Infect. Dis.*, **9**: 435-438.

Gradoni, L., Pizzuti, R., Scalzone, A., Russo, M., Gramiccia, M., Di Martino, L., Pempinello, R., Gaeta, G.B. (1996). Recrudescence of visceral leishmaniasis unrelated to HIV infection in the Campania region of Italy. *Trans. R. Soc. Trop. Med. Hyg.*, **90**: 234-235.

Gradoni, L., Scalzone, A., Gramiccia, M., Troiani, M. (1996). Epidemiological surveillance of leishmaniasis in HIV-1-infected individuals in Italy. *AIDS*, **10**: 785-791.

HCR (Haut Commissariat des Nations Unies pour les Réfugiés). (1996). *Lutte antivectorielle dans les situations de réfugiés*. G. Sabatinelli (Ed.). Genève, Section D'Appui Technique et aux Programmes (PTSS)/HCR; Istituto Superiore di Sanità (ISS), Organisation Mondiale de la Santé (OMS). 104 p.

Khoury, C., Frusteri, L., Maroli, M. (1996). Contaminazioni entomatiche in farine tipo "00" di diversa provenienza. *Tecnica Molitoria*, **47** (11): 1074-1078.

Knudsen, A.B., Romi, R., Majori, G. (1996). Occurrence and spread in Italy of *Aedes albopictus*, with implications for its introduction into other parts of Europe. *J. Am. Mosq. Control. Assoc.*, **12** (2): 177-183.

Mantega, V., Pinna, G., Tamburini, S., Romi, R. (1996). *Aedes albopictus* in Sardegna. *Ambiente Risorse Salute*, **45**: 36-37.

Mari, A., Maroli, M. (1996). L'allergia agli acari della polvere domestica: un problema di igiene ambientale. *Ig. Sanità Pubbl.*, **4**: 255-262.

Maroli, M. (1996). Note sulla zecca del cane, *Rhipicephalus sanguineus*, Latreille, 1806. In: Atti del Convegno "Aspetti di entomologia medica e veterinaria". Cremona, 28 marzo 1996. *Disinfestazione*, **13**: 17-21.

Maroli, M., Khoury, C., Frusteri, L., Manilla, G. (1996). Diffusione della zecca del cane (*Rhipicephalus sanguineus* Latreille, 1806) in Italia: un problema di salute pubblica. *Ann. Ist. Super. Sanità*, **32** (3): 387-397.

Mele, A. (1996). Anti-hepatitis A virus (HAV) vaccination: guidelines for an immunization strategy in Italy. Workshop Consensus conference. Rome, May 2-3, 1995. *Ital. J. Gastroenterol.*, **28**: 181-184.

Mele, A., Stroffolini, T., Palumbo, F., Gallo, G., Ragni, P., Balocchini, E., Tosti, M.E., Corona, R., Marzolini, M., Moiraghi, A., and the SEIEVA Collaborating Group. (1996). Incidence of and risk factors for hepatitis A in Italy: public health indications from a ten-year surveillance. *J. Hepatol.*, **26**.

Moro, M.L. (1996). Prevenzione delle infezioni delle vie urinarie nei pazienti cateterizzati: un progetto nazionale. *G. Ital. Infezioni Osped.*, **3** (1): 5-7.

Moro, M.L., Carrieri, M.P., Tozzi, A.E., Lana, S., Greco, D., and the Italian PRINOS Study Group. (1996). Risk factors for surgical wound infections in clean surgery: a multicenter study. *Ann. Ital. Chir.*, **67** (1): 13-19.

Moro, M.L., De Toni, A., Stolfi, I., Carrieri, M.P., Braga, M., Zunin, C. (1996). Risk factors for nosocomial sepsis in newborn intensive and intermediate care units. *Eur. J. Pediatr.*, **155** (4): 315-322.

Moro, M.L., Jepsen, O.B., and the EURO.NIS Study Group. (1996). Infection control practices in intensive care units of 14 European countries. *Intensive Care Med.*, **22**: 872-879.

Moro, M.L., Ruggeri, S., Pompili, S., Roberti, R., Sesti, E., Aparo, U.L., Batticciocca, D., Petrosillo, N., Ippolito, G., e il Gruppo dello Studio di Prevalenza. (1996). Studio di prevalenza delle infezioni ospedaliere in quindici ospedali della città di Roma. *G. Ital. Infezioni Osped.*, **3** (4): 171-184.

Moro, M.L., Stolfi, I. (1996). Studio multicentrico sulle infezioni nosocomiali in TIN. *Riv. Ital. Pediatr.*, **22**: 711-714.

Pianosi, G., Simoni, R., Annessi, G., Gradoni, L. (1996). Un caso di Post Kala-azar dermal leishmaniasis nell'area del Mediterraneo. *Chron. Dermatol.*, **6** (Suppl. 6): 65-73.

Russo, R., Nigro, L.C., Minniti, S., Montineri, A., Gradoni, L., Caldeira, L., Davidson, R.N. (1996). Visceral leishmaniasis in HIV infected patients: treatment with high dose liposomal amphotericin B (AmBisome). *J. Infect.*, **32**: 133-137.

Sabatinelli, G., Romi, R., Ralamboranto, L., Majori, G. (1996). Age-related prevalence of *Plasmodium falciparum* circumsporozoite antibody in a hyperendemic area of Madagascar, and its relationship with parasite prevalence. *Am. J. Trop. Med. Hyg.*, **55** (3): 278-281.

Scaglia, M., Malfitano, A., Douville, H., Sacchi, P., Gatti, S., Gradoni, L., Gramiccia, M. (1996). Dermonodular and visceral leishmaniasis due to *Leishmania infantum* with a new isoenzyme pattern: report of a case involving a patient with AIDS. *Clin. Infect. Dis.*, **22**: 376-377.

Severini, C., Silvestrini, F., Mancini, P., La Rosa, G., Marinucci, M. (1996). Sequence and secondary structure of the rDNA second internal transcribed spacer in the sibling species *Culex pipiens* L. and *Cx. quinquefasciatus* Say (Diptera: Culicidae). *Insect Mol. Biol.*, **5** (3): 181-186.

Stroffolini, T., Cialdea, L., Tosti, M.E., Grandolfo, M., Mele, A., and SEIEVA Collaborating Group. (1996). Vaccination campaign against hepatitis B for 12-year old-subjects in Italy. *Vaccine*, **14**.

Stroffolini, T., Marzolini, A., Palumbo, F., Novaco, F., Moiraghi, A., Balocchini, E., Bernacchia, R., Corona, R., Mele, A. (1996). Incidence of non-A,non-B and HCV positive hepatitis in healthcare workers in Italy. *J. Hospital Infect.*, **33**: 131-137.

Rapporti tecnici:

Agrimi, U., Mantovani, A. (1996). Patogeni trasmessi dai roditori infestanti. In: *Convegno "Aspetti tecnici, organizzativi ed ambientali*

della lotta antimurina". Istituto Superiore di Sanità. Roma, 17 ottobre 1995. Atti a cura di R. Romi. Roma, Istituto Superiore di Sanità. (Rapporti ISTISAN, 96/11). p. 69-81.

Convegno "Aspetti tecnici, organizzativi ed ambientali della lotta antimurina". (1996). Atti a cura di R. Romi. Roma, Istituto Superiore di Sanità. (Rapporti ISTISAN, 96/11). 126 p.

Desjeux, P., Alvar, J., Gradoni, L., Gramiccia, M., Medrano, F.J., Deniau, M., Portus, M., Laguna, F., Farault-Gambarelli, F., Montalban, C., Marty, P., Rosenthal, E., Gemetchu, T., Russo, R., Dedet, J.P., Matheron, S., Antunes, F. (1996). *Epidemiological analysis of 692 retrospective cases of Leishmania/HIV co-infection.* World Health Organization, Division of Control of Tropical Diseases. (WHO/LEISH/96.39). 11 p.

Romi, R. (1996). *Linee guida per la sorveglianza e il controllo di Aedes albopictus in Italia.* Roma, Istituto Superiore di Sanità. (Rapporti ISTISAN, 96/4). 51 p.

Tavola rotonda "Impurità solide negli sfarinati e nei prodotti di trasformazione: metodo ufficiale di analisi (fifth-test) e aspetti normativi". (1996). Atti a cura di M. Maroli, C. Khoury. Roma, Istituto Superiore di Sanità. (Rapporti ISTISAN, 96/8). 48 p.

Sottoprogetto 5: Meccanismi di virulenza

Baldassarri, L., Donelli, G., Gelosia, A., Voglino, M.C., Simpson, A.W., Christensen, G.D. (1996). Purification and characterization of the staphylococcal slime-associated antigen and its occurrence among *Staphylococcus epidermidis* clinical isolates. *Infect. Immun.*, **64** (8): 3410-3415.

Caprioli, A., Pezzella, C., Morelli, R., Giammanco, A., Arista, S., Crotti, D., Facchini, M., Guglielmetti, P., Piersimoni, C., Luzzi, I., Italian Study Group on Gastrointestinal Infections. (1996). Enteropathogens associated with childhood diarrhea in Italy. *Pediatr. Infect. Dis. J.*, **15** (10): 876-883.

Conte, M.P., Petrone, G., Longhi, C., Valenti, P., Morelli, R., Superti, F., Seganti, L. (1996). The effects of inhibitors of vacuolar

acidification on the release of *Listeria monocytogenes* from phagosomes of Caco-2 cells. *J. Med. Microbiol.*, **44**: 418-424.

Diamanti, E., Superti, F., Tinari, A., Marziano, M.L., Giovannangeli, S., Tafaj, F., Xhelili, L., Gani, D., Donelli, G. (1996). An epidemiological study on viral infantile diarrhoea in Tirana. *Microbiologica*, **19**: 9-14.

Donelli, G., Fabbri, A., Fiorentini, C. (1996). *Bacteroides fragilis* enterotoxin induces cytoskeletal changes and surface blebbing in HT29 cells. *Infect. Immun.*, **64** (1): 113-119.

Fantasia, M., Filetici, E., Anastasio, M.P., Nastasi, A., Rubino, S. (1996). Approccio convenzionale e molecolare allo studio di ceppi epidemici di *Salmonella*. *Microbiol. Med.*, **11** (3): 180-182.

Farina, C., Goglio, A., Conedera, G., Minelli, F., Caprioli, A. (1996). Antimicrobial susceptibility of *Escherichia coli* O157 and other enterohaemorrhagic *Escherichia coli* isolated in Italy. [Letter]. *Eur. J. Clin. Microbiol. Infect. Dis.*, **15**: 351-353.

Fiorentini, C., Matarrese, P., Fattorossi, A., Donelli, G. (1996). Okadaic acid induces changes in the organization of F-actin in intestinal cells. *Toxicon*, **34** (8): 937-945.

Giammanco, A., Maggio, M., Giammanco, G., Morelli, R., Minelli, F., Scheutz, F., Caprioli, A. (1996). Characteristics of *Escherichia coli* strains belonging to enteropathogenic *Escherichia coli* serogroups isolated in Italy from children with diarrhea. *J. Clin. Microbiol.*, **34** (3): 689-694.

Giammarioli, A.M., Mackow, E.R., Fiore, L., Greenberg, H.B., Ruggeri, F.M. (1996). Production and characterization of murine IgA monoclonal antibodies to the surface antigens of Rhesus rotavirus. *Virology*, **225**: 97-110.

Luzzi, I., Covacci, A., Censini, S., Pezzella, C., Crotti, D., Facchini, M., Giammanco, A., Guglielmetti, P., Piersimoni, C., Bonamico, M., Mariani, P., Rappuoli, R., Caprioli, A. (1996). Detection of a vacuolating cytotoxin in stools from children with diarrhea. *Clin. Infect. Dis.*, **23**: 101-106.

Manfredi Selvaggi, T.M., Ponzio, G., D'Ascenzo, E., Montanaro, C., Di Siena, A., Ciarallo, N., Ricci, N., Greco, D. (1996). Salmonellosi da veicoli inusuali nel Molise. *Ann. Ig.*, **8**: 523-530.

Mastrantonio, P., Cardines, R., Spigaglia, P. (1996). Oligonucleotide probes for detection of cephalosporinases among *Bacteroides* strains. *Antimicrob. Agents Chemother.*, **40** (4): 1014-1016.

Mastrantonio, P., Pantosti, A., Cerquetti, M., Fiorentini, C., Donelli, G. (1996). *Clostridium difficile*: an update on virulence mechanisms. *Anaerobe*, **2**: 337-343.

Pezzella, C., Dionisi, A.M., Luzi, G., Rinaldi, V., Benedetti, I., Aiuti, F., Luzzi, I. (1996). Infекzioni intestinali da *Campylobacter* termofili in pazienti con immunodeficienza comune variabile. *Microbiol. Med.*, **11** (3): 291-292.

Pignato, S., Nastasi, A., Mammina, C., Fantasia, M., Giannamico, G. (1996). Phage types and ribotypes of *Salmonella enteritidis* in Southern Italy. *Zentralbl. Bakteriol.*, **283**: 399-405.

Scuderi, G., Fantasia, M., Filetici, E., Anastasio, M.P. (1996). Foodborne outbreaks caused by salmonella in Italy, 1991-4. *Epidemiol. Infect.*, **116**: 257-265.

Superti, F., Ammendolia, M.G., Tinari, A., Bucci, B., Giannarioli, A.M., Rainaldi, G., Rivabene, R., Donelli, G. (1996). Induction of apoptosis in HT-29 cells infected with SA- 11 rotavirus. *J. Med. Virol.*, **50**: 325-334.

Superti, F., Petrone, G., Pisani, S., Morelli, R., Ammendolia, M.G., Seganti, L. (1996). Superinfection by *Listeria monocytogenes* of cultured human enterocyte-like cells infected with poliovirus or rotavirus. *Med. Microbiol. Immunol.*, **185**: 131-137.

Tinari, A., Ammendolia, M.G., Superti, F., Donelli, G. (1996). Tubuloreticular structures induced by rotavirus infection in HT-29 cells. *Ultrastruct. Pathol.*, **20**: 571-576.

Voglino, M.C., Donelli, G., Rossi, P., Ludovisi, A., Rinaldi, V., Goffredo, F., Paloscia, R., Pozio, E. (1996). Intestinal microsporidiosis in Italian individuals with AIDS. *Ital. J. Gastroenterol.*, **28** (7): 381-386.

Sottoprogetto 6: Modelli animali

De Bernardis, F., Chiani, P., Ciccozzi, M., Pellegrini, G., Ceddia, T., D'Offizi, G., Quinti, I., Sullivan, P.A., Cassone, A. (1996). Elevated

aspartic proteinase secretion and experimental pathogenicity of *Candida albicans* isolates from oral cavities of subjects infected with human immunodeficiency virus. *Infect. Immun.*, **64** (2): 466-471.

Gomez Morales, M.A., Ausiello, C.M., Guarino, A., Urbani, F., Spagnuolo, M.I., Pignata, C., Pozio, E. (1996). Severe, protracted intestinal Cryptosporidiosis associated with interferon γ deficiency: pediatric case report. *Clin. Infect. Dis.*, **22**: 848-850.

Pozio, E. (1996). Epidemiologia, diagnosi e trattamento delle infezioni parassitarie intestinali trasmesse dalle acque. In: *Atti del Convegno nazionale "Migrazione, parassitosi e malattie trasmissibili: problema emergente"*. Torino, 15-16 novembre 1996. Ospedale Amedeo di Savoia, Fondazione Ivo de Carneri. p. 7-10.

Pozio, E., Guarino, A., Pignata, C., Gomez Morales, M.A. (1996). Possible development of resistance to fluconazole during suppressive therapy for AIDS-associated cryptococcal meningitis. [Letter]. *Clin. Infect. Dis.*, **23**: 1337.

Titti, F., De Rossi, A., Geraci, A., Masiero, S., Corrias, F., Panzini, G., Sernicola, L., Maggiorella, M.T., Baroncelli, S., Fabiani, M., Amadori, A., Chieco-Bianchi, L., Verani, P. (1996). Immunotherapy of SIV-infected *Macaca fascicularis* with an inactivated whole SIV immunogen. *Cell. Pharmacol. AIDS Sci.*, **3**: 269-276.

Titti, F., Sernicola, L., Corrias, F., Borsetti, A., Maggiorella, M.T., Panzini, G., Geraci, A., Zamarchi, R., Amadori, A., Chieco-Bianchi, L., Verani, P. (1996). Vaccination of cynomolgus monkeys with whole inactivated or live-attenuated simian immunodeficiency virus. In: Development and applications of vaccines and gene therapy in AIDS. G. Giraldo, D.P. Bolognesi, M. Salvatore, E. Beth-Giraldo (Eds). *Antibiot. Chemother.*, **48**: 131-138.

Voglino, M.C., Donelli, G., Rossi, P., Ludovisi, A., Rinaldi, V., Goffredo, F., Paloscia, R., Pozio, E. (1996). Intestinal microsporidiosis in Italian individuals with AIDS. *Ital. J. Gastroenterol.*, **28** (7): 381-386.

Sottoprogetto 7: Tecniche diagnostiche avanzate

Barbanti, P., Fabbrini, G., Salvatore, M., Petraroli, R., Cardone, F., Maras, B., Equestre, M., Macchi, G., Lenzi, G.L., Pocchiari, M. (1996).

Polymorphism at codon 129 or codon 219 of *PRNP* and clinical heterogeneity in a previously unreported family with Gerstmann-Sträussler-Scheinker disease (PrP-P102L mutation). *Neurology*, **47**: 734-741.

Budka, H., Aguzzi, A., Brown, P., Brucher, J.M., Bugiani, O., Collinge, J., Diringer, H., Gullotta, F., Haltia, M., Hauw, J.J., Ironside, J.W., Kretzschmar, H.A., Lantos, P.L., Masullo, C., Pocchiari, M., Schlotte, W., Tateishi, J., Will, R.G. (1996). Konsensusbericht: Gewebsbehandlung bei Verdacht auf Creutzfeldt-Jakob-Krankheit und andere spongiforme Enzephalopathien (Prionen-Krankheiten) des Menschen. *Pathologe*, **17**: 171-176.

Carpenter, C.C.J., Fischl, M.A., Hammer, S.M., Hirsch, M.S., Jacobsen, D.M., Katzenstein, D.A., Montaner, J.S.G., Richman, D.D., Saag, M.S., Schooley, R.T., Thompson, M.A., Vella, S., Yeni, P.G., Volberding, P.A., for the International AIDS Society - USA. (1996). Antiretroviral therapy for HIV infection in 1996: recommendations of an international panel. *JAMA*, **276** (2): 146-154.

Carr, A., Vella, S., De Jong, M.D., Sorice, F., Imrie, A., Boucher, C.A., Cooper, D.A., for the Dutch-Italian-Australian Nevirapine Study Group. (1996). A controlled trial of nevirapine plus zidovudine versus zidovudine alone in p24 antigenemic HIV-infected patients. *AIDS*, **10**: 635-641.

Celano, G.V., Cafarchia, C., Pozio, E., Pavia, C., Casolino, A., Capriuolo, G., Fattizzo, F., Pomo, L., Rubini, A.R., Goffredo, E. (1996). Primo isolamento in Italia di larve di *Trichinella sp.* da carni di cavallo. *Ind. Aliment.*, **35**: 1311-1313.

Chiesi, A., Seeber, A.C., Dally, L.G., Floridia, M., Rezza, G., Vella, S. (1996). AIDS dementia complex in the Italian national AIDS registry: temporal trends (1987-93) and differential incidence according to mode of transmission of HIV-1 infection. *J. Neurol. Sci.*, **144**: 107-113.

Delta Coordinating Committee. (1996). A randomised double-blind controlled trial comparing combinations of zidovudine plus didanosine or zalcitabine with zidovudine alone in HIV-infected individuals. *Lancet*, **348**: 283-291.

Per l'Istituto Superiore di Sanità: S. Vella.

Gentile, G., Mele, A., Monarca, B., Vitale, A., Pulsoni, A., Visani, G., Castelli, G., Rapicetta, M., Verani, P., Martino, P., Mandelli, F., and

the Italian Leukemia Study Group (1996). Hepatitis B and C viruses, human T-cell lymphotropic virus type I and II, and leukemias: a case control study. *Cancer Epidemiol. Biomarkers Prevention*, **5**: 227-230.

Greco, D., Salmaso, S., Mastrantonio, P., Giuliano, M., Tozzi, A.E., Anemona, A., Ciofi degli Atti, M.L., Giammanco, A., Panei, P., Blackwelder, W.C., Klein, D.L., Wassilak, S.G.F., Progetto Pertosse Working Group. (1996). A controlled trial of two acellular and one whole-cell vaccine against pertussis. *N. E. J. Med.*, **334** (6): 341-348.

Hermans, P., Lundgren, J., Sommereijns, B., Pedersen, C., Vella, S., Katlama, C., Lüthy, R., Pinching, A.J., Gerstoft, J., Pehrson, P., Clumeck, N., for the AIDS in Europe Study Group (1996). Epidemiology of AIDS-related Kaposi's sarcoma in Europe over 10 years. *AIDS*, **10**: 911-917.

von Hunolstein, C. (1996). Difterite. In: *Enciclopedia medica italiana*. Torino, UTET. p. 1599-1603.

von Hunolstein, C., Alfarone, G., La Valle, R., Efstratiou, A., De Zoysa, A., Orefici, G. (1996). Caratteristiche molecolari dei ceppi di *Corynebacterium diphtheriae* recentemente isolati in Italia. *Microbiol. Med.*, **11** (4): 509-512.

Ingrosso, L., Pocchiari, M. (1996). Malattie infettive da agenti non convenzionali. *21^{mo} Secolo Sci. Tecnol.*, (2): 18-26.

Jacobsen, H., Hänggi, M., Ott, M., Duncan, I.B., Andreoni, M., Vella, S., Mous, J. (1996). Reduced sensitivity to saquinavir: an update on genotyping from phase I/II trials. *Antivir. Res.*, **29**: 95-97.

Jacobsen, H., Hänggi, M., Ott, M., Duncan, I.B., Owen, S., Andreoni, M., Vella, S., Mous, J. (1996). *In vivo* resistance to a human immunodeficiency virus type 1 proteinase inhibitor: mutations, kinetics, and frequencies. *J. Infect. Dis.*, **173**: 1379-1387.

Mastrantonio, P., Stefanelli, P., Giuliano, M. (1996). Polymerase chain reaction for the detection of *Bordetella pertussis* in clinical nasopharyngeal aspirates. *J. Med. Microbiol.*, **44**: 261-266.

Nardiello, S., Pasquale, G., Gaeta, G.B., Rapicetta, M., Giusetto, G. (1996). Diagnostic flow chart in chronic HCV infection. A proposal. *G. Ital. Mal. Infett.*, **2** (1): 8-17.

- Petraroli, R., Pocchiari, M. (1996). Codon 219 polymorphism of PRNP in healthy Caucasians and Creutzfeldt-Jakob disease patients. [Letter]. *Am. J. Human Genet.*, **58**: 888-889.
- Pocchiari, M. (1996). Problems in the evaluation of theoretical risks for humans to become infected with BSE-contaminated bovine-derived pharmaceutical products. In: *Bovine spongiform encephalopathy. The BSE dilemma*. C.J. Gibbs Jr. (Ed.). New York, Springer Verlag. p. 375-383.
- Pocchiari, M., Ingrosso, L., Ladogana, A. (1996). Effect of amphotericin B on different experimental strains of spongiform encephalopathy agents. In: *Bovine spongiform encephalopathy. The BSE dilemma*. C.J. Gibbs Jr. (Ed.). New York, Springer Verlag. p. 271-281.
- Pozio, E., La Rosa, G., Serrano, F.J., Barrat, J., Rossi, L. (1996). Environmental and human influence on the ecology of *Trichinella spiralis* and *Trichinella britovi* in Western Europe. *Parasitology*, **113**: 527-533.
- Pozio, E., La Rosa, G., Yamaguchi, T., Saito, S. (1996). *Trichinella britovi* from Japan. *J. Parasitol.*, **82** (5): 847-849.
- Ruggieri, A., Argentini, C., Kouruma, K., Chionne, P., D'Ugo, E., Spada, E., Dettori, S., Sabbatani, S., Rapicetta, M. (1996). Heterogeneity of hepatitis C virus genotype 2 variants in West Central Africa (Guinea Conakry). *J. Gen. Virol.*, **77**: 2073-2076.
- Salvatore, M., Pocchiari, M., Cardone, F., Petraroli, R., D'Alessandro, M., Galvez, S., Brown, P., Macchi, G., Fieschi, C., Colosimo, C. (1996). Codon 200 mutation in a new family of Chilean origin with Creutzfeldt-Jakob disease. [Letter]. *J. Neurol. Neurosurg. Psychiatr.*, **61**: 111-112.
- Stefanelli, P., Giuliano, M., Bottone, M., Spigaglia, P., Mastrantonio, P. (1996). Polymerase chain reaction for the identification of *Bordetella pertussis* and *Bordetella parapertussis*. *Diagn. Microbiol. Infect. Dis.*, **24**: 197-200.
- Sudre, P., Hirschel, B.J., Gatell, J.M., Schwander, S., Vella, S., Katlama, C., Ledermann, B., d'Arminio Monforte, A., Goebel, F.D.,

Pehrson, P.O., Pedersen, C., Lundgren, J.D., and the AIDS in Europe Study Group. (1996). Tuberculosis among European patients with the acquired immune deficiency syndrome. *Tubercle Lung Dis.*, **77**: 322-328.

Suligoi, B., von Hunolstein, C., Orefici, G., Scopetti, F., Pataracchia, M., Greco, D. (1996). Epidemiologia delle infezioni invasive da streptococco beta-emolitico di gruppo A in Italia. *G. Ital. Mal. Infett.*, **2** (6): 347-352.

Vella, S., Floridia, M., Dally, L.G., Tomino, C., Fragola, V., Weimer, LE., Milazzo, F., Mazzotta, F., Moroni, M., Pastore, G., Scalise, G., Sinicco, A., Ortona, L., De Rienzo, B., Dianzani, F. (1996). A randomized trial (ISS 901) of switching to didanosine versus continued zidovudine after the diagnosis of AIDS. *J. AIDS Human Retrovirol.*, **12**: 462-469.

Vella, S., Galluzzo, C., Giannini, G., Pirillo, M.F., Duncan, I., Jacobsen, H., Andreoni, M., Sarmati, L., Ercoli, L. (1996). Saquinavir/zidovudine combination in patients with advanced HIV infection and no prior antiretroviral therapy: CD4+ lymphocyte/plasma RNA changes, and emergence of HIV strains with reduced phenotypic sensitivity. *Antiviral Res.*, **29**: 91-93.

Vella, S., Lazzarin, A., Carosi, G., Sinicco, A., Armignacco, O., Angarano, G., Andreoni, M., Tambussi, G., Chiodera, A., Floridia, M., Scaccabarozzi, S., Facey, K., Duncan, I., Boudes, P., Bragman, K. (1996). A randomized controlled trial of a proteinase inhibitor (saquinavir) in combination with zidovudine in previously untreated patients with advanced HIV infection. *Antiviral Ther.*, **1** (3): 129-140.

Vella, S., Pirillo, M.F. (1996). Combination therapy in the management of HIV infection. *Methodol. Find. Exp. Clin. Pharmacol.*, **18** (Suppl. C): 23-26.

Will, R.G., Ironside, J.W., Zeidler, M., Cousens, S.N., Estibeiro, K., Alperovitch, A., Poser, S., Pocchiari, M., Hofman, A., Smith, P.G. (1996). A new variant of Creutzfeldt-Jakob disease in the UK. *Lancet*, **347**: 921-925.

Rapporti tecnici:

Progetto Pertosse 1992-1994. Studio clinico controllato sull'efficacia dei vaccini antipertosse in Italia. (1996). Rapporto finale a cura di S. Salmaso, P. Mastrantonio e M.L. Ciofi degli Atti. Roma, Istituto Superiore di Sanità. (Rapporti ISTISAN, 96/23). 34 p.

Altre ricerche afferenti al Progetto "Patologia infettiva"

Adone, R., Piccininno, G., Pistoia, C., Bianchi, R., Ciuchini, F. (1996). Detection of *Vibrio anguillarum* by a sandwich enzyme-linked immunosorbent assay performed with monoclonal antibodies. *J. Vet. Med. B.*, **43**.

Alfano, G., Catalano, L., Pescini, A., Zucchelli, P. (1996). Il comitato trasfusionale ospedaliero. *La Trasfusione del Sangue*, **41** (5): 534-539.

Alliegro, M.B., Dorrucci, M., Pezzotti, P., Rezza, G., Sinicco, A., Barbanera, M., Castelli, F., Tarantini, G., Petrucci, A., and the Italian HIV Seroconversion Study. (1996). *Herpes zoster* and progression to AIDS in a cohort of individuals who seroconverted to human immunodeficiency virus. *Clin. Infect. Dis.*, **23**: 990-995.

Barca, A., Sardelli, R., Mozzi, F., Pizzocolo, G., Calcagno, L., Orlando, M. (1996). Programma nazionale di valutazione esterna della qualità dei test di screening anti-HIV presso le strutture trasfusionali (ST) italiane. Risultati relativi al 1995. *La Trasfusione del Sangue*, **41** (6): 564-571.

Boschini, A., Smacchia, C., Di Fine, M., Schiesari, A., Ballarini, P., Arlotti, M., Gabrielli, C., Castellani, G., Genova, M.G., Pantani, P., Cozzi Lepri, A., Rezza, G. (1996). Community-acquired pneumonia in a cohort of former drug users with or without human immunodeficiency virus infection; incidence, etiologies, and clinical aspects. *Clin. Infect. Dis.*, **23**: 107-113.

Conferenza nazionale di consenso per un programma strategico nazionale che aumenti e ottimizzi la copertura vaccinale della popolazione pediatrica italiana. (1996). *Medico e Bambino*, **15** (3): 32-36.

Per l'ISS hanno partecipato: A.E. Tozzi, M.L. Ciofi degli Atti.

Filippi, E., Capula, M., Luiselli, L., Agrimi, U. (1996). The prey spectrum of *Natrix natrix* (LINNAEUS, 1758) and *Natrix tessellata* (LAURENTI, 1768) in sympatric populations. *Herpetozoa*, **8**: 155-164.

Fortini, P., Raspaglio, G., Falchi, M., Dogliotti, E. (1996). Analysis of DNA alkylation damage and repair in mammalian cells by the comet assay. *Mutagenesis*, **11** (2): 169-175.

Frati, R., Agrimi, U., Kennedy, S., Forletta, R., Terracciano, G., Marcon, S., Di Guardo, G. (1996). Parassitosi nei mammiferi acquatici con particolare riferimento ai cetacei. *Obiettivi e Documenti Veterinari*, **1**: 79-88.

Galai, N., Cozzi Lepri, A., Vlahov, D., Pezzotti, P., Sinicco, A., Rezza, G. (1996). Temporal trends of initial CD4 cell counts following human immunodeficiency virus seroconversion in Italy, 1985-1992. *Am. J. Epidemiol.*, **143** (3): 278-282.

Hershaw, R.C., Galai, N., Fukuda, K., Gruber, J., Vlahov, D., Rezza, G., Klein, R.S., Des Jarlais, D.C., Vitek, C., Khabbaz, R., Freels, S., Zuckerman, R., Pezzotti, P., Kaplan, J.E. (1996). An international collaborative study of the effects of coinfection with human T-lymphotropic virus type II on human immunodeficiency virus type 1 disease progression in injection drug users. *J. Infect. Dis.*, **174** (2): 309-317.

Lukwiya, M., Declerck, S., Piconi, S., Tamburini, M., Greco, D., Milazzo, F. (1996). Prevalence of HIV infection among hospital patients in Northern Uganda. *G. Ital. Mal. Infett.*, **2** (1): 23-26.

Manfredi Selvaggi, T., Rezza, G., Scagnelli, M., Rigoli, R., Rassu, M., De Lalla, F., Pellizzer, G., Tramarin, A., Bettini, C., Costanza, B., Zampieri, L., Belloni, M., Della Pozza, E., Marangon, S., Marchioretto, N., Togni, G., Giacobbo, M., Todisco, A., Binkin, N. (1996). Investigation of a Q-fever outbreak in Northern Italy. *Eur. J. Epidemiol.*, **12**: 403-408.

Petrucci, A., Dorrucci, M., Alliegro, M.B., Pezzotti, P., Rezza, G., Sinicco, A., Lazzarin, A., Angarano, G., e il Gruppo dell'Italian Seroconversion Study. (1996). I "long term non-progressor" negli studi di coorte sull'infezione da HIV. *G. Ital. AIDS*, **7** (1): 15-22.

Pezzotti, P., Phillips, A.N., Dorrucci, M., Cozzi Lepri, A., Galai, N., Vlahov, D., Rezza, G., and the Italian Seroconversion Study Group. (1996). Category of exposure to HIV and age in the progression to AIDS: longitudinal study of 1199 people with known dates of seroconversion. *Br. Med. J.*, **313**: 583-586.

Piccininno, G., Ciuchini, F., Adone, R., Ceschia, G., Giorgetti, G. (1996). Morphological, physico-chemical and biological variations in *Vibrio anguillarum* cultured at low osmolarity. *Microbiologica*, **19**.

Rezza, G., Pizzuti, R., De Campora, E., De Masi, S., Vlahov, D. (1996). Tetanus and injections drug use: rediscovery of a negleted problem? *Eur. J. Epidemiol.*, **12**: 655-656.

Rezza, G., Sagliocca, L., Zaccarelli, M., Nespoli, M., Siconolfi, M., Baldassarre, C. (1996). Incidence rate and risk factors for HCV seroconversion among injecting drug users with low seroprevalence. *Scand. J. Infect. Dis.*, **28**: 27-29.

Rizzardini, G., Piconi, S., Ruzzante, S., Fusi, M.L., Lukwiya, M., Declich, S., Tamburini, M., Villa, M.L., Fabiani, M., Milazzo, F., Clerici, M. (1996). Immunological activation markers in the serum of African and European HIV-seropositive and seronegative individuals. *AIDS*, **10**: 1535-1542.

Sabbatani, S., Ferro, A., Gomez, V., García Lacerda, L., Rezza, G. (1996). Il complesso AIDS - tubercolosi in Guinea Bissau: aggiornamento epidemiologico. *Le Infezioni in Medicina*, (3): 146-148.

Salamina, G., Dalle Donne, E., Niccolini, A., Poda, G., Cesaroni, D., Bucci, M., Fini, R., Maldini, M., Schuchat, A., Swaminathan, B., Bibb, W., Rocourt, J., Binkin, N., Salmaso, S. (1996). A foodborne outbreak of gastroenteritis involving *Listeria monocytogenes*. *Epidemiol. Infect.*, **117**: 429-436.

Sardelli, R., Barca, A., Declich, P., Mandarino, L., Mozzi, F., Pizzocolo, G., Orlando, M. (1996). Programma nazionale di valutazione esterna della qualità dei test di screening HBsAg ed anti-HCV presso le strutture trasfusionali (ST) italiane. Risultati relativi al 1995. *La Trasfusione del Sangue*, **41** (6): 572-578.

Stolfi, I., Salamina, G., Lana, S., Moro, M.L. (1996). La tubercolosi in età pediatrica in Italia. *Riv. Ital. Pediatr.*, **22**: 342-349.

Taruscio, D. (1996). Fluorescence *in situ* hybridization on tissues. In: *Hybridation in situ fluorescente en cytogénétique moléculaire et biologie cellulaire*. Le Vesinet, 23-24 Septembre 1996. INSERM (Institut National de la Santé et de la Recherche Médicale). 3 p.

Taruscio, D., Mantovani, A. (1996). Eleven chromosomal integration sites of a human endogenous retrovirus (HERV 4-1) map close to known loci of thirteen hereditary malformation syndromes. *Teratology*, **54**: 108-110.

Tollis, M., Di Trani, L., Cordioli, P., Vignolo, E., Di Pasquale, I. (1996). Serological responses in calves to vaccines against bovine respiratory syncytial, bovine viral diarrhea, infectious bovine rhinotracheitis, and parainfluenza 3 viruses. *Dev. Biol. Stand.*, **86**: 147-156.

Tozzi, A.E., Ciofi Degli Atti, M.L. (1996). Vaccini antipertosse: studi comparativi e loro implicazioni per la pratica in Italia. Il problema del costo. *Medico e Bambino*, **15** (3): 19-21.

Tozzi, A.E., Ciofi Degli Atti, M.L., Panei, P., Anemona, A., Binkin, N., Salmaso, S., Luzi, S., Greco, D. (1996). Predicting the accrual rate in a vaccine clinical trial: an *a posteriori* evaluation of the feasibility study. *Rev. Epidémiol. Santé Publ.*, **44** (5): 387-393.

Zampieri, L., Belloni, M., Della Pozza, E., Marangon, S., Marchioretto, N., Togni, G., Giacobbo, M., Todescato, A., Binkin, N. (1996). Investigation of a Q-fever outbreak in Northern Italy. *Eur. J. Epidemiol.*, **12**: 403-408.

**Progetto:
Patologia non infettiva**

Sottoprogetto 1: Fisiopatologia cellulare

Baiocchi, M., Chelucci, C., Federico, M., Verani, P., Guidoni, L., Luciani, A.M., Rosi, A., Viti, V. (1996). ^1H NMR spectroscopy reveals that HIV-1 does not cross the plasma membrane of CD4 positive UT-7 cells. In: *Proceedings of the International Society for Magnetic Resonance in Medicine*. Fourth scientific meeting and exhibition. New York (USA), April 27 - May 3, 1996. Vol., 2, p.1145.

Carpinelli, G., Canese, R., Podo, F., Carapella, C.M., Raus, L., Caroli, F. (1996). MRS di tumori neuroepiteliali. In: Biologia, diagnosi e trattamento dei gliomi maligni. I°Corso di aggiornamento. S. Palomba, 14-16 novembre 1996. A cura di C.M. Carapella, B. Jandolo, R. Soffietti. Roma, Associazione Italiana di Neuro-Oncologia. p. 79-87.

Carpinelli, G., Carapella, C.M., Palombi, L., Raus, L., Caroli, F., Podo, F. (1996). Differentiation of glioblastoma multiforme from astrocytomas by *in vitro* ^1H MRS analysis of human brain tumors. In: Proceedings of the special symposium on "Lipid metabolism and function in cancer. Significance of magnetic resonance spectroscopy (MRS) measurements in relation to biochemical processes and cellular control". Corfu(Greece), 17-22 October 1995. F. Podo, J.D. de Certaines (Eds). *Anticancer Res.*, **16**: 1559-1564.

Cesano, A., Pierson, G., Visonneau, S., Migliaccio, A.R., Santoli, D. (1996). Use of a lethally irradiated major histocompatibility complex nonrestricted cytotoxic T-cell line for effective purging of marrows containing lysis-sensitive or -resistant leukemic targets. *Blood*, **87** (1): 393-403.

Coccia, E.M., Stellacci, E., Marziali, G., Orsatti, R., Perotti, E., Del Russo, N., Testa, U., Battistini, A. (1996). Iron regulation of transferrin receptor and ferritin expression in differentiating Friend leukemia cells. In: *Molecular biology of hematopoiesis*. N.G. Abraham, S. Asano, G. Brittinger, R. Shadduck (Eds). p. 693-704.

De Beer, R., Van den Boogaart, A., Cady, E.B., Graveron-Demilly, D., Knijn, A., Langenberger, K.W., Lindon, J.C., Ohlhoff, A., Serrai, H., Wylezinska-Arridge, M. (1996). Multicentre quantitative data-analysis trial: the overlapping background problem. In: *Eurospin annual 1995-1996*. Concerted action "Cancer and brain disease characterization and therapy assessment by quantitative magnetic resonance spectroscopy". Biomedical and Health Research Programme (BIOMED 1);

Commission of the European Communities. F. Podo, W.M.M.J. Bovée, J.D. de Certaines, O. Henriksen, M.O. Leach, D. Leibfritz (Eds). Roma, Istituto Superiore di Sanità. p. 341-365.

Eddleman, K.A., Chervenak, F.A., George-Siegel, P., Migliaccio, G., Migliaccio, A.R. (1996). Circulating hematopoietic stem cell populations in human fetuses: implications for fetal gene therapy and alterations with *in utero* red cell transfusion. *Fetal Diagn. Ther.*, **11**: 231-240.

Elson, C.O., Tomasi, M., Dertzbaugh, M.T., Thaggard, G., Hunter, R., Weaver, C. (1996). Oral-antigen delivery by way of a multiple emulsion system enhances oral tolerance. *Ann. N.Y. Acad. Sci.*, **778**: 156-162.

Eurospin annual 1995-1996. (1996). Concerted action "Cancer and brain disease characterization and therapy assessment by quantitative magnetic resonance spectroscopy". Biomedical and Health Research Programme (BIOMED 1); Commission of the European Communities. F. Podo, W.M.M.J. Bovée, J.D. de Certaines, O. Henriksen, M.O. Leach, D. Leibfritz (Eds). Roma, Istituto Superiore di Sanità. 450 p.

Franco, A.R. (1996). Il G-CSF: struttura, attività biologica e potenzialità terapeutica. In: *L'approccio integrato alla moderna biologia: uomo, territorio, ambiente*. E. Landi, S. Dumontet (Eds). p. 411-432.

Gigliani, F., Longo, F., Gaddini, L., Battaglia, P.A. (1996). Interactions among the bHLH domains of the proteins encoded by the *Enhancer of split* and *achaete-scute* gene complexes of *Drosophila*. *Mol. Gen. Genet.*, **251**: 628-634.

Guidoni, L., Luciani, A.M., Rosi, A., Viti, V., Cherubini, R. (1996). Changes in lipid metabolism detected in HeLa cells and in their PCA extracts after irradiation with low and high LET particles. In: *Proceedings of the International Society for Magnetic Resonance in Medicine*. Fourth scientific meeting and exhibition. New York (USA), April 27 - May 3, 1996. Vol. 2 p.1137.

Ippoliti, R., Lendaro, E., Bellelli, A., Fiani, M.L., Benedetti, P.A., Evangelista, V., Brunori, M. (1996). A saporin-insulin conjugate: synthesis and biochemical characterization. *Nat. Toxins*, **4**: 156-162.

Keevil, S.F., Topp, S., Leach, M.O., Ring, P., Henriksen, O., Barbiroli, B., Cady, E.B., Carlier, P., Gobbi, G., Hennig, J., Kügel, H., Moser, E., Mlynárik, V., Podo, F. (1996). A multicentre trial of protocols and test objects for metabolite quantification by *in vivo* localised proton magnetic resonance spectroscopy. In: *Eurospin annual 1995-1996. Concerted action "Cancer and brain disease characterization and therapy assessment by quantitative magnetic resonance spectroscopy"*. Biomedical and Health Research Programme (BIOMED 1); Commission of the European Communities. F. Podo, W.M.M.J. Bovée, J.D. de Certaines, O. Henriksen, M.O. Leach, D. Leibfritz (Eds). Roma, Istituto Superiore di Sanità. p. 229-241.

Mallozzi, C., Di Stasi, A.M.M., Minetti, M. (1996). Nitric oxide induces a transmembrane signal in human erythrocytes involving glyceraldehyde 3-phosphate dehydrogenase and Band 3. In: *The biology of nitric oxide. Part 5*. S. Moncada, J. Stamler, S. Gross, E.A. Higgs (Eds). Portland Press Proceedings. p. 122.

Migliaccio, A.R., Migliaccio, G., Ashihara, E., Moroni, E., Giglioni, B., Ottolenghi, S. (1996). Erythroid-specific activation of the distal (testis) promoter of GATA1 during differentiation of purified normal murine hematopoietic stem cells. In: *Molecular biology of hematopoiesis*. N.G. Abraham, S. Asano, G. Brittinger, R. Shadduck (Eds). New York, Plenum Press. p. 377-385. *Acta Haematol.*, **95**: 229-235.

Migliaccio, A.R., Vannucchi, A.M., Migliaccio, G. (1996). Molecular control of erythroid differentiation. *Int. J. Hematol.*, **64**: 1-29.

Migliaccio, G., Baiocchi, M., Adamson, J.W., Migliaccio, A.R. (1996). Isolation and biological characterization of two classes of blast-cell colony-forming cells from normal murine marrow. *Blood*, **87** (10): 4091-4099.

Migliaccio, G., Baiocchi, M., Hamel, N., Eddleman, K., Migliaccio, A.R. (1996). Circulating progenitor cells in human ontogenesis: response to growth factors and replating potential. *J. Hematother.*, **5**: 161-170.

Migliaccio, G., Galli, M.C. (1996). Le interleuchine. In: *L'approccio integrato alla moderna biologia: uomo, territorio, ambiente*. E. Landi, S. Dumontet (Eds). p. 385-409.

Minetti, M. (1996). Determinazione di NO in cellule e tessuti biologici. In: *III Scuola di Risonanza di Spin Elettronico. Fondamenti*

teorici, metodologie sperimentali, applicazioni nei materiali, in chimica e in biologia. Brallo di Pregola (PV), 28 settembre - 6 ottobre 1996. Organizzata in collaborazione con il Dipartimento di Chimica Generale, Università di Pavia. GIRSE (Gruppo Italiano di Risonanza di Spin Elettronico). p. 317-332.

Minetti, M., Pietraforte, D., Di Stasi, A.M.M., Mallozzi, C. (1996). Nitric oxide-dependent NAD linkage to glyceraldehyde-3-phosphate dehydrogenase: possible involvement of a cysteine thiyl radical intermediate. *Biochem. J.*, **319**: 369-375.

Pietraforte, D., Mallozzi, C., Di Stasi, A.M.M., Scorza, G., Minetti, M. (1996). Protein thiyl free radicals produced by nitric oxide and nitric oxide donors. *Res. Chem. Intermed.*, **22** (5): 481-489.

Pietraforte, D., Minetti, M. (1996). Peroxinitrite-dependent oxidative modification of proteins in human plasma. In: *The biology of nitric oxide*. Part 5. S. Moncada, J. Stamler, S. Gross, E.A. Higgs (Eds). Portland Press Proceedings. p. 111.

Podo, F. (1996). The EU BIOMED 1 concerted action on cancer and brain disease characterization and therapy assessment by quantitative magnetic resonance spectroscopy. In: *Eurospin annual 1995-1996*. Concerted action "Cancer and brain disease characterization and therapy assessment by quantitative magnetic resonance spectroscopy". Biomedical and Health Research Programme (BIOMED 1); Commission of the European Communities. F. Podo, W.M.M.J. Bovée, J.D. de Certaines, O. Henriksen, M.O. Leach, D. Leibfritz (Eds). Roma, Istituto Superiore di Sanità. p. 3-14.

Podo, F., Bovée, W.M.M.J., Orr, J.S. (1996). Whole body machines: quality control. In: *Encyclopedia of nuclear magnetic resonance*. D.M. Grant, R.K. Harris (Eds). Chichester, Wiley. p. 4990-4995.

Podo, F., de Certaines, J.D. (1996). Magnetic resonance spectroscopy in cancer: phospholipid, neutral lipid and lipoprotein metabolism and function. In: Proceedings of the special symposium on "Lipid metabolism and function in cancer. Significance of magnetic resonance spectroscopy (MRS) measurements in relation to biochemical processes and cellular control". Corfu (Greece), 17-22 October 1995. F. Podo, J.D. de Certaines (Eds). *Anticancer Res.*, **16** (3B): 1305-1316.

Podo, F., Ferretti, A., Knijn, A., Zhang, P., Ramoni, C., Barletta, B., Pini, C., Baccarini, S., Pulciani, S. (1996). Detection of phospha-

tidylcholine-specific phospholipase C in NIH-3T3 fibroblasts and their H-ras transformants: NMR and immunochemical studies. In: Proceedings of the special symposium on "Lipid metabolism and function in cancer. Significance of magnetic resonance spectroscopy (MRS) measurements in relation to biochemical processes and cellular control". Corfu (Greece), 17-22 October 1995. F. Podo, J.D. de Certaines (Eds). *Anticancer Res.*, **16** (3B): 1399-1412.

Proceedings of the special symposium on "Lipid metabolism and function in cancer. Significance of magnetic resonance spectroscopy (MRS). Measurements in relation to biochemical processes and cellular control". (1996). Corfù (Greece), 17-22 October 1995. F. Podo, J.D. de Certaines (Eds). *Anticancer Res.*, **16** (3B): 1305-1594.

Riccobono, F., Fiani, M.L. (1996). Mannose receptor dependent uptake of ricin A₁ and A₂ chains by macrophages. *Carbohydr. Res.*, **282**: 285-292.

Rosi, A., Guidoni, L., Luciani, A.M., Viti, V., Cherubini, R. (1996). Changes in lipid metabolism are evidenced by NMR spectroscopy, in HeLa cells and in their PCA extracts upon irradiation with low and high LET particles. In: *Proceedings of 2nd National joint congress SIRR-GIR*. Palermo (Italy), September 11-14, 1996. G. Spadaro (Ed.). Italian Society of Radiation Research; Radiochemistry Interdivisional Group, Italian Chemical Society. p. 396-399.

Sica, S., Rutella, S., Testa, U., Martucci, R., Menichella, G., Salutari, P., Chiusolo, P., Leone, G., Peschle, C. (1996). Endogenous cytokine levels after immunoselected CD34⁺ peripheral blood progenitor cell transplantation. *Br. J. Haematol.*, **93**: 492-494.

Testa, U., Fossati, C., Samoggia, P., Masciulli, R., Mariani, G., Hassan, H.J., Sposi, N.M., Guerriero, R., Rosato, V., Gabbianelli, M., Pelosi, E., Valtieri, M., Peschle, C. (1996). Expression of growth factor receptors in unilineage differentiation culture of purified hematopoietic progenitors. *Blood*, **88** (9): 3391-3406.

Tocci, A., Parolini, I., Gabbianelli, M., Testa, U., Luchetti, L., Samoggia, P., Masella, B., Russo, G., Valtieri, M., Peschle, C. (1996). Dual action of retinoic acid on human embryonic/fetal hematopoiesis: blockade of primitive progenitor proliferation and shift from multipotent/erythroid/monocytic to granulocytic differentiation program. *Blood*, **88** (8): 2878-2888.

Tomasi, M., Hearn, T.L. (1996). ISCOMs, liposomes, and oil-based vaccine delivery systems. In: *Mucosal vaccines*. Academic Press. p. 175-186.

Ziegler, B.L., Thoma, S.J., Lamping, C.P., Valtieri, M., Müller, R., Samoggia, P., Bühring, H.J., Peschle, C., Fliedner, T.M. (1996). Surface antigen expression on CD34⁺ cord blood cells: comparative analysis by flow cytometry and limiting dilution (LD) RT-PCR of chymopapain-treated or untreated cells. *Cytometry*, **25**: 46-57.

Sottoprogetto 2: Immunologia

Angioletta, L., Facchin, M., Stringaro, A., Maras, B., Simonetti, N., Cassone, A. (1996). Identification of a glucan-associated endolase as a main cell wall protein of *Candida albicans* and an indirect target of lipopeptide antimycotics. *J. Infect. Dis.*, **173**: 684-690.

Arancia, G., Molinari, A., Crateri, P., Stringaro, A., Ramoni, C., Dupuis, M.L., Gomez, M.J., Torosantucci, A., Cassone, A. (1996). Noninhibitory binding of human interleukin-2-activated natural killer cells to the germ tube forms of *Candida albicans*. *Infect. Immun.*, **63**(1): 280-288.

Ausiello, C.M., La Sala, A., Ramoni, C., Urbani, F., Funaro, A., Malavasi, F. (1996). Secretion of IFN- γ , IL-6, granulocyte-macrophage colony-stimulating factor and IL-10 cytokines after activation of human purified T lymphocytes upon CD38 ligation. *Cell. Immunol.*, **173**: 192-197.

Barletta, B., Afferni, C., Tinghino, R., Mari, A., Di Felice, G., Pini, C. (1996). Cross-reactivity between *Cupressus arizonica* and *Cupressus sempervirens* pollen extracts. *J. Allergy Clin. Immunol.*, **98**: 797-804.

Boirivant, M., Fuss, I., Fiocchi, C., Klein, J.S., Strong, S.A., Strober, W. (1996). Hypoproliferative human lamina propria T cells retain the capacity to secrete lymphokines when stimulated via the CD2/CD28 pathways. *Proc. Am. Assoc. Phys.*, **108** (1): 55-67.

Boirivant, M., Pica, R., De Maria, R., Testi, R., Pallone, F., Strober, W. (1996). Stimulated human lamina propria T cells manifest enhanced Fas-mediated apoptosis. *J. Clin. Invest.*, **98**: 2616-2622.

Cianfriglia, M., Poloni, F., Signoretti, C., Romagnoli, G., Tombesi, M., Felici, F. (1996). Topology of MDR1-P-glycoprotein as indicated by epitope mapping of monoclonal antibodies to human MDR cells. *Cytotechnology*, **19**: 247-251.

De Maria, R., Boirivant, M., Cifone, M.G., Roncaoli, P., Hahne, M., Tschopp, J., Pallone, F., Santoni, A., Testi, R. (1996). Functional expression of Fas and Fas ligand on human gut lamina propria T lymphocytes. *J. Clin. Invest.*, **97**: 316-322.

Federico, M., Bona, R., D'Aloja, P., Baiocchi, M., Pugliese, K., Nappi, F., Chelucci, C., Mavilio, F., Verani, P. (1996). Anti-HIV viral interference induced by retroviral vectors expressing a non-producer HIV-1 variant. In: Proceedings of the 9th Symposium on molecular biology of hematopoiesis. Genoa (Italy), June 23-27, 1995. *Acta Haematol.*, **95**: 199-203.

Fuss, I.J., Neurath, M., Boirivant, M., Klein, J.S., de la Motte, C., Strong, S.A., Fiocchi, C., Strober, W. (1996). Disparate CD4⁺ lamina propria (LP) lymphokine secretion profiles in inflammatory bowel disease. *J. Immunol.*, **157**: 1261-1270.

Lucarelli, M., Palitti, F., Carotti, D., Cianfriglia, M., Signoretti, C., Bozzi, A., Strom, R. (1996). AZT-induced hypermethylation of human thymidine kinase gene in the absence of total DNA hypermethylation. *FEBS Lett.*, **396**: 323-326.

Lucidi, V., Fiore, L., Caniglia, M., Rosati, P., Novello, F., Papadatou, B., Medda, E., Gentili, G., Amato, C., Castro, M. (1996). Poliomyelitis and tetanus immunization: antibody responses in patients with cystic fibrosis. *Pediatr. Infect. Dis. J.*, **15** (10): 914-916.

Luzzati, A.L., Boirivant, M., Giacomini, E., Giordani, L., Di Modugno, F., Chersi, A. (1996). Interferon-gamma (IFN- γ) can counteract the *in vitro* inhibitory effect of an HIV p24 immunosuppressive heptapeptide. *Clin. Exp. Immunol.*, **105**: 403-408.

Maiuri, L., Picarelli, A., Boirivant, M., Coletta, S., Mazzilli, M.C., De Vincenzi, M., Londei, M., Auricchio, S. (1996). Definition of the initial immunologic modifications upon *in vitro* gliadin challenge in the small intestine of celiac patients. *Gastroenterology*, **110**: 1368-1378.

Malorni, W., Rainaldi, G., Tritarelli, E., Rivabene, R., Cianfriglia, M., Lehnert, M., Donelli, G., Peschle, C., Testa, U. (1996). Tumor

necrosis factor α is a powerful apoptotic inducer in lymphoid leukemic cells expressing the P-170 glycoprotein. *Int. J. Cancer*, **67**: 238-247.

Mari, A., Di Felice, G., Afferni, C., Barletta, B., Tinghino, R., Sallusto, F., Pini, C. (1996). Assessment of skin prick test and serum specific IgE detection in the diagnosis of Cupressaceae pollinosis. *J. Allergy Clin. Immunol.*, **98**: 21-31.

Pisani, G., Wirz, M., Gentili, G. (1996). Anti-D testing in intravenous immunoglobulins: shouldn't it be considered? [Letter]. *Vox Sang*, **71**: 132.

Podo, F., Ferretti, A., Knijn, A., Zhang, P., Ramoni, C., Barletta, B., Pini, C., Baccarini, S., Pulciani, S. (1996). Detection of phosphatidylcholine-specific phospholipase C in NIH-3T3 fibroblasts and their H-ras transformants: NMR and immunochemical studies. *Anticancer Res.*, **16**: 1399-1412.

Quaranta, M.T., Petrini, M., Tritarelli, E., Samoggia, P., Carè, A., Bottero, L., Testa, U., Peschle, C. (1996). HOXB cluster genes in activated natural killer lymphocytes. Expression from 3' \rightarrow 5' cluster side and proliferative function. *J. Immunol.*, **157**: 2462-2469.

Quintieri, F., Macellari, V. (1996). Transplantation in Italy. *J. Transplant Coord.*, **6** (4): 163-166.

Quintieri, F., Mariani, M. (1996). I° controllo nazionale di qualità della tipizzazione sierologica HLA. *La Trasfusione del Sangue*, **41** (3): 395-400.

Sallusto, F., Corinti, S., Pini, C., Biocca, M.M., Bruno, G., Di Felice, G. (1996). *Parietaria judaica*-specific T-cell clones from atopic patients: heterogeneity in restriction, V β , usage and cytokine profile. *J. Allergy Clin. Immunol.*, **97**: 627-637.

Sallusto, F., Nicolò, C., De Maria, R., Corinti, S., Testi, R. (1996). Ceramide inhibits antigen uptake and presentation by dendritic cells. *J. Exp. Med.*, **184**: 2411-2416.

Viora, M., De Luca, A., D'Ambrosio, A., Antinori, A., Ortona, E. (1996). *In vitro* and *in vivo* immunomodulatory effects of anti-*Pneumocystis carinii* drugs. *Antimicrob. Agents Chemother.*, **40** (5): 1294-1297.

Sottoprogetto 3: Malattie ereditarie ed errori congeniti del metabolismo

Cianciulli, P., Sorrentino, F., Morino, L., Massa, A., Sergiacomi, G.L., Donato, V., Amadori, S. (1996). Radiotherapy combined with erythropoietin for the treatment of extramedullary hematopoiesis in an alloimmunized patient with thalassemia intermedia. *Ann. Hematol.*, **72**: 379-381.

De Vincenzi, M., Dessì, M.R., Luchetti, R., Pogna, N., Redaelli, R., Galterio, G. (1996). Toxicity of bread wheat lines lacking prolamins encoded by the *Gli-B1/Gli-B5/Glu-B3* and *Gli-D1/Glu-D3* loci in coeliac disease as determined by their agglutinating activity. *ATLA*, **24**: 39-48.

De Vincenzi, M., Luchetti, R., Peruffo, A.D.B., Curioni, A., Pogna, N.E., Gasbarrini, G. (1996). *In vitro* assessment of acetic-acid-soluble proteins (glutenin) toxicity in celiac disease. *J. Biochem. Toxicol.*, **11** (4): 1-6.

De Vincenzi, M., Maialetti, F., Mazzarelli, R.A.A. (1996). Modified chitosan binds prolamine peptides toxic in the coeliac disease. In: *Advances in chitin science*. A. Domard, C. Jeuniaux, R. Mazzarelli, G. Roberts (Eds). Nottingham University (UK). Lyon, Jacques André Publisher. Vol. 1, p. 303-308.

De Vincenzi, M., Mancini, E., Dessì, M.R. (1996). Monographs on botanical flavouring substances used in foods. Part V. *Fitoterapia*, **67** (3): 241-252.

Giovannini, C., Luchetti, R., Mancini, E., De Vincenzi, M. (1996). Effects of cereal prolamin peptides of differentiated CaCo-2 cells. *ATLA*, **24**: 547-552.

Giovannini, C., Mancini, E., De Vincenzi, M. (1996). Inhibition of the cellular metabolism of Caco-2 cells by prolamin peptides from cereals toxic for coeliacs. *Toxicol. in Vitro*, **10** (5): 533-538.

Hassan, H.J., Guerriero, R., Testa, U., Gabbianelli, M., Mattia, G., Montesoro, E., Macioce, G., Pace, A., Ziegler, B., Peschle, C. (1996). Megakaryocyte growth and maturation from purified peripheral blood progenitors in unilineage serum-free liquid culture. In: *Molecular biology of hematopoiesis*. N.G. Abraham, S. Asano, G. Brittinger, R. Shadduck. (Eds). p. 445-452.

Maiuri, L., Picarelli, A., Boirivant, M., Coletta, S., Mazzilli, M.C., De Vincenzi, M., Londei, M., Auricchio, S. (1996). Definition of the initial immunologic modifications upon *in vitro* gliadin challenge in the small intestine of celiac patients. *Gastroenterology*, **110**: 1368-1378.

Maiuri, L., Troncone, R., Mayer, M., Coletta, S., Picarelli, A., De Vincenzi, M., Pavone, V., Auricchio, S. (1996). *In vitro* activities of A-gliadin-related synthetic peptides. *Scand. J. Gastroenterol.*, **31** (3): 247-253.

Troncone, L., Maiuri, L., Leone, A., Mazzarella, G., Maurano, F., Vacca, L., Ciacci, C., De Vincenzi, M., Auricchio, S. (1996). Oatprolamines activate mucosal immune response in the *in vitro* cultured treated coeliac mucosa. *Pediatr. Gastroenterol. Nutr.*, **22** (4): 20.

Sottoprogetto 4: Malattie cardiovascolari e degenerative

Bravo, E., Cantafora, A., Marinelli, T., Avella, M., Mayes, P.A., Botham, K.M. (1996). Differential effects of chylomicron remnants derived from corn oil or palm oil on bile acid synthesis and very low density lipoprotein secretion in cultured rat hepatocytes. *Life Sci.*, **59** (4): 331-337.

Bravo, E., Ortu, G., Rivabene, R., Santini, M.T., Cantafora, A. (1996). Probucol reduces hepatic cholesterol secretion in hyperlipidemic Yoshida rats. *Atherosclerosis*, **119**: 223-233.

Bravo, E., Rivabene, R., Bruscalupi, G., Calcabrini, A., Arancia, G., Cantafora, A. (1996). Age-related changes in lipid secretion of perfused livers from male Wistar rats donors. *J. Biochem.*, **119**: 240-245.

Caiola, S., Lucia, P., Coppola, A., Maroccia, E., Belli, M., Ricciardi, G., Borelli, L.G., Colliardo, A., De Martinis, C., Buongiorno, A.M. (1996). Attivazione neuroendocrina nell'infarto acuto del miocardio: stato dell'arte e risultati preliminari sul peptide vasoattivo intestinale. *Ann. Ist. Super. Sanità*, **32** (3): 339-343.

Cantafora, A., Blotta, I. (1996). Neutral lipids production, transport, utilization. In: Proceedings of the special symposium on "Lipid metabolism and function in cancer. Significance of magnetic resonance spectroscopy (MRS) measurements in relation to biochemical processes and cellular control". Corfu (Greece), 17-22 October 1995. F. Podo, J.D. de Certaines (Eds). *Anticancer. Res.*, **16**: 1441-1450.