

UOC di Malattie Infettive

A- Progetti di innovazione presentati a Budget

1. Protocollo diagnostico del paziente immunocompromesso con infiltrati polmonari
2. Prontuario elettronico di terapia antibiotica ragionata da inserire in intranet
3. Elaborazione di un percorso diagnostico terapeutico per il paziente cirrotico con lesioni focali epatiche (abbozzato)

B- Coinvolgimento in progetti nazionali/internazionali in atto

1- Gestione integrata delle infezioni da HIV, HCV ed HCV (finanziamento richiesto nell'ambito del Programma di Ricerca Regione –Università 2007-2008 Area 2 –ricerca per il governo clinico-, come Network delle UO di Malattie Infettive dell'ER)

2- Area HIV

1. **Progetto ICONA**- Studio epidemiologico- Coorte italiana di pazienti HIV positivi naive. (Coordinatore: Prof. Moroni, Clinica malattie Infettive, Milano)
2. **Italian Sieroconversion Study** . (Coordinatore: Dr. Rezza, ISS)
3. **Registro Italiano per la profilassi post-esposizione ad HIV**
4. **ARCA** (Antiretroviral Resistance Cohort Analysis) per lo studio dei fenomeni di resistenza ai farmaci antiretrovirali.

3. Area epatite HCV, HBV

1. Partecipazione a studi di immunopatogenesi dell'epatite da HCV ed HBV
2. Partecipazione a trial clinici nazionali ed internazionali sull'epidemiologia ed il trattamento dell'epatite cronica da HBV ed HCV.

4. Infezioni batteriche e parassitarie

1. Studio SEI (Studio endocarditi Italiano)

C- Pubblicazioni dell'UO DI Malattie Infettive

Principali pubblicazioni dal 2002

1. Bisoffi Z, Matteelli A, Aquilini D, Guaraldi G, **Magnani G**, Orlando G, Gaiera G, Jelinek T, Behrens RH. Malaria clusters among illegal Chinese immigrants to Europe through Africa. *Emerg Infect Dis*. 2003 Sep;9(9):1177-8.
2. De Luca A, Cozzi-Lepri A, Perno CF, Balotta C, Di Giambenedetto S, Poggio A, Pagano G, Tositti G, Piscopo R, Del Forno A, Chiodo F, **Magnani G**, d'Arminio Monforte A; ICoNA drug resistance study group; ICoNA study group. Variability in the interpretation of transmitted genotypic HIV-1 drug resistance and prediction of virological outcomes of the initial HAART by distinct systems. *Antivir Ther*. 2004 Oct;9(5):743-52.
3. Turci M, Pilotti E, Ronzi P, **Magnani G**, Boschini A, Parisi SG, Zipeto D, Lisa A, Casoli C, Bertazzoni U. Coinfection with HIV-1 and human T-Cell lymphotropic virus

- type II in intravenous drug users is associated with delayed progression to AIDS. *J Acquir Immune Defic Syndr.* 2006 Jan 1;41(1):100-6.
4. La Sala GB, Pilotti E, Nicoli A, Pinelli S, Villani MT, Ronzi P, Zendri E, Re MC, **Magnani G**, Casoli C. Dynamics of HIV viral load in blood and semen of patients under HAART: impact of therapy in assisted reproduction procedures. *AIDS.* 2007 Jan 30;21(3):377-9.
 5. **Magnani G**. Epatite cronica da HCV. Up-date sulla diagnosi ed il trattamento. *Lo spallanzani* 19:00-00,2005
 6. Ragni P, Cavalli R, Di Mare A, Lorenzani, **M, Magnani G**, et al. Indicazioni operative per la gestione di operatori sanitari con infezione cronica da HBV ed HCV *GIIO* vol 12, n. 3, Luglio-Settembre 2005.
 7. Cicalini S, Massaroni K, De Rosa Franco . Le endocarditi infettive in Italia: studio di 1.183 pazienti osservati nel quinquennio 200-2004. *Giorn Ital Malatt Infett* 11:3-13 , 2005.
 8. Barchi E, **Magnani G**. Il trattamento dell'infezione da HIV . *ISF* n.5, 2006
 9. *Ripamonti D, Massari M, Arici C, Gabbi E, Farina C, Brini M, Capatti C, Suter F. African sleeping sickness in tourists returning from Tanzania: the first 2 Italian cases from a small outbreak among European travelers. Clin Infect Dis. 1;34, 2002*
 10. Fargion S, Fracanzani AL, Rossini A, Borzio M, Riggio O, Belloni G, Bissoli F, Ceriani R, Ballare M, **Massari M**, Trischitta C, Fiore P, Orlandi A, Morini L, Mattioli M, Oldani S, Cesana B, Fiorelli G. Iron reduction and sustained response to interferon-alpha therapy in patients with chronic hepatitis C: results of an Italian multicenter randomized study. *Am J Gastroenterol.* 97(5):1204-10, 2002
 11. Urbani S, Boni C, Missale G, Elia G, Cavallo C, **Massari M**, Raimondo G, Ferrari C. Virus-specific CD8+ lymphocytes share the same effector-memory phenotype but exhibit functional differences in acute hepatitis B and C. *J Virol.* 76(24):12423-34, 2002
 12. Mussini C, Pezzotti P, Antinori A, Borghi V, Monforte A, Govoni A, De Luca A, Ammassari A, Mongiardo N, Cerri MC, Bedini A, Beltrami C, **Ursitti MA**, Bini T, Cossarizza A, Esposito R; Changes in Opportunistic Prophylaxis (CIOP) Study Group. Discontinuation of secondary prophylaxis for *Pneumocystis carinii* pneumonia in human immunodeficiency virus-infected patients: a randomized trial by the CIOP Study Gro. *Clin Infect Dis.* 36(5):645-51, 2003
 13. Pezzotti P, Dorrucci M, Donisi A, Cusini M, Mazzarello G, De Luca A, Salassa B, **Ursitti MA**, Giuliani M, Rezza G; l'Italian Seroconversion Study. Survival, progression to AIDS and immunosuppression in HIV-positive individuals before and after the introduction of the highly active antiretroviral therapy (HAART)] *Epidemiol Prev.* 2003 Nov-Dec;27(6):348-55
 14. Girardi, Enrico MD ; Aloisi, Maria Stella BS ; Arici, Claudio MD ; Pezzotti, Patrizio PhD ; Serraino, Diego MD ; Balzano, Roberta BS; Vigevani, Gianmarco MD ; Alberici, Francesco MD ; **Ursitti, Maria** MD; D'Alessandro, Margherita MD; Monforte, Antonella d'Arminio MD; Ippolito, Giuseppe MD; for the ICoNA Behavioural Epidemiology Study Group
 15. Delayed Presentation and Late Testing for HIV: Demographic and Behavioral Risk Factors in a Multicenter Study in Italy. *JAIDS* 36(4):951-959, August 1, 2004.
 16. Regazzi MB, Tinelli C, Villani P, Cusato M, Zucchi P, De Silvestri A, Briganti E, Roda R, Sacchelli L, Gatti F, Foglie PD, Nardini G, Mori F, Castelli P, **Testa L**, Maserati R. Limited sampling strategy for the estimation of systemic exposure to the protease inhibitor nelfinavir. *Ther Drug Monit.* 2005 Oct;27(5):571-5

17. Regazzi M, Maserati R, Villani P, Cusato M, Zucchi P, Briganti E, Roda R, Sacchelli L, Gatti F, Delle Foglie P, Nardini G, Fabris P, Mori F, Castelli P, **Testa L.** Clinical pharmacokinetics of nelfinavir and its metabolite M8 in human immunodeficiency virus (HIV)-positive and HIV-hepatitis C virus-coinfected subjects. **Antimicrob Agents Chemother.** 2005 Feb;**49(2):643-9.**
18. Paola Nasta, F Castelnuovo, G Paraninfo, D Bella, A Matti, G Cocca, G Rizzardini², **G Zoboli**³, G Magnani, M Nigro, M Colombo, C Calzetti, F Barchiesi, M Celesia, G Carosi, and Master-IM.P.R.O.V.E study group To Maintain or to Switch HAART in Heavily Pre-treated Patients with Low-level Viremia. **Conf Retrovir Opportunistic Infect 2005 Feb 22-25;12:abstract no. 605**
19. Mussini C, Bedini A, Borghi V, Guaraldi G, Esposito R, **Barchi E**, et al. CD4 cell-monitored treatment interruption in patients with a CD4 cell count > 500x10⁶ cells/l. *AIDS* 2005; 19:287-294.
20. Paola Nasta, A Matti, G Cocca, **G Zoboli**, M Nigro, M Colombo, C Calzetti, F Barchiesi, F Gatti, G Carosi, and IM.P.R.O.V.E Master Study Group. Early vs deferred HAART seitch in heavily pre-treated HIV patients with low viral load level and stable CD4 cell count **Conf Retrovir Opportunistic Infect 2006 Feb 5-8;13:abstract no. 523**
21. Urbani S, Amadei B, Tola D, **Massari M**, Schivazappa S, Missale G, Ferrari C. PD-1 expression in acute hepatitis C virus (HCV) infection is associated with HCV-specific CD8 exhaustion. **J Virol.** 2006 Nov; **80(22):11398-403**
22. Santantonio T, Medda E, Ferrari C, Fabris P, Cariti G, **Massari M**, Babudieri S, Toti M, Francavilla R, Ancarani F, Antonucci G, Scotto G, Di Marco V, Pastore G, Stroffolini T. Risk factors and outcome among a large patient cohort with community-acquired acute hepatitis C in Italy. **Clin Infect Dis.** 2006 Nov 1;**43(9):1154-9**

Publicazioni relative a partecipazione a studi multicentrici a partire dal 2002

1. **Shafer RW**, Smeaton LM, Robbins GK, et al. Comparison of four-drug regimens and pairs of sequential three-drug regimens as initial therapy for HIV-1 infection. **N Engl J Med;349:2304-2315, 2003**
2. **Robbins G. K.**, De Gruttola V., Shafer R. W., Smeaton L. M., Snyder S. W., Pettinelli C., Dubé M. P., Fischl M. A., Pollard R. B., Delapenha R., Gedeon L., van der Horst C., Murphy R. L., Becker M. I., D'Aquila R. T., Vella S., Merigan T. C., Hirsch M. S., the AIDS Clinical Trials Group 384 Team Comparison of Sequential Three-Drug Regimens as Initial Therapy for HIV-1 Infection **N Engl J Med 349:2293-2303, Dec 11, 2003.**
3. **Elisabetta Riva**, Guido Antonelli, Carolina Scagnolari, Mauro Pistello, Maria Rosaria Capobianchi, Antonella d'Arminio Monforte, Patrizio Pezzotti, Ferdinando Dianzani, and I.CO.N.A. Study Group Human Immunodeficiency Virus (HIV) DNA Load and Level of Immunosuppression in Treatment-Naive HIV-1–Infected Patients **J. Infect Dis, 187:1826-28,2003**

4. Guglielmo Nasti, Renato Talamini, Andrea Antinori, Ferdinando Martellotta , **et al.** AIDS-Related Kaposi's Sarcoma: Evaluation of Potential New Prognostic Factors and Assessment of the AIDS Clinical Trial Group Staging System in the Haart Era—the Italian Cooperative Group on AIDS and Tumors and the Italian Cohort of Patients Naïve From Antiretrovirals **Journal of Clinical Oncology**, Vol 21, Issue 15 (August): 2876-2882, 2003

5. Puro, Vincenzo; Soldani, Fabio; De Carli, Gabriella; Lazarevic, Zlatan; Mattioli, Francesca; Ippolito, Giuseppe; on behalf of the Italian Registry of Antiretroviral Post-Exposure Prophylaxis

Drug-induced aminotransferase alterations during antiretroviral HIV post-exposure prophylaxis. **AIDS**. 17(13):1988-1990, September 5, 2003.

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Need for liver transplant in HIV-positive patients: first results of a specific survey in Italy, Project HOST. **AIDS**. 17(14):2119-2121, 2003.

8. Maria Dorrucchi, Diego Serraino, Giovanni Rezza The effect of aging on the incidence of Kaposi's sarcoma among HIV-positive individuals with known dates of seroconversion **International Journal of Cancer** 104,: 251-254,2003

9. M Florida; R Bucciardini; V Fragola; CM Galluzzo; G Giannini; MF Pirillo; R Amici; M Andreotti; D Ricciardulli; C Tomino; S Vella Risk Factors and Occurrence of Rash in HIV-Positive Patients Not Receiving Nonnucleoside Reverse Transcriptase Inhibitor: Data From a Randomized Study Evaluating Use of Protease Inhibitors in Nucleoside-Experienced Patients With Very Low CD4 Levels (<50 cells/ μ L) **HIV Medicine** 5 (1), 1–10, 2004.

10 .M Merito, A Bonaccorsi, F Pammolli, et al . Valutazione economica dei trattamenti anti-HIV: lo studio di coorte I.CO.N.A. **Giorn Ital Mal Inf** 10:1-10, 2004.

11. Cristina Mussini, Patrizio Pezzotti, José M. Miró, Esteban Martinez, Juan Carlos Lopez Bernaldo de Quiros, Paola Cinque, Vanni Borghi, Andrea Bedini, Pere Domingo, Pedro Cahn, Philippe Bossi, Andrea De Luca, Antonella d'Arminio Monforte, Mark Nelson, Nneka Nwokolo, Silvia Helou, Ricardo Negroni, Gaia Jacchetti, Spinello Antinori, Adriano Lazzarin, Andrea Cossarizza, Roberto Esposito, Andrea Antinori, Judith A. Aberg, and the International Working Group on Cryptococcosis Is Discontinuation of Maintenance Therapy for Cryptococcal Meningitis in Patients with AIDS Treated with Highly Active Antiretroviral Therapy: An International Observational Study **Clin Infect Dis** 38: 565–571, 2004

12. Violin, Michela; Cozzi-Lepri, Alessandro; Velleca, Rossella; Vincenti, Antonella; D'Elia, Salvatore; Chiodo, Francesco; Ghinelli, Florio; Bertoli, Ada; Monforte, Antonella d'Arminio;

Perno, Carlo Federico; Moroni, Mauro; Balotta, Claudia Risk of failure in patients with 215 HIV-1 revertants starting their first thymidine analog-containing highly active antiretroviral therapy **AIDS: 18 (2): 227-235, 2004**

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14. The Writing Committee Cardio- and cerebrovascular events in HIV-infected persons. **AIDS. 18(13):1811-1817, 2004.**

15. Emanuele Nicastrì², Antonio Chiesi³, Claudio Angeletti², Loredana Sarmati¹, Lucia Palmisano³, Andrea Geraci³, Massimo Andreoni¹*, Stefano Vella³, Italian Antiretroviral Treatment Group (IATG) Clinical outcome after 4 years follow-up of HIV-seropositive subjects with incomplete virologic or immunologic response to HAART **HIV Medicine Volume 5 Issue 1 Page 1 - January 2004**

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19. Emanuele Nicastrì, Antonio Chiesi, Claudio Angeletti, Loredana Sarmati, Lucia Palmisano, Andrea Geraci, Massimo Andreoni, Stefano Vella, and Italian Antiretroviral Treatment Group (IATG) Combination Antiretroviral Therapy and the Risk of Myocardial Infarction The Data Collection on Adverse Events of Anti-HIV Drugs (DAD) Study Group **Journal of Medical Virology 76:153-160, 2005**

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