

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name b

Telephone b

E-mail b

Nationality b

Date of birth b

GABRIELLA d'ETTORRE

WORK EXPERIENCE

• Dates (from – to)

• Name and address of employer

• Occupation or position held

• Dates (from – to)

• Name and address of employer

• Occupation or position held

• Dates (from – to) b

• Name and address of employer b

• Occupation or position held b

• Main activities and responsibilities b

FORM 2005 - TODAY

UNIVERSITY OF ROME SAPIENZA - ROMA

PROFESSOR - INFECTIOUS DISEASES (Corso di Laurea in Scienze Infermieristiche - Polo Pontino)

FORM 2002 - TODAY

AZIENDA POLICLINICO UMBERTO I - ROMA

MEDICAL DIRECTOR CONSULTANT IN INFECTIOUS DISEASES

2000

ISTITUTO SUPERIORE DI SANITA

FELLOWSHIP WINNER

Borsa AIDS

EDUCATION AND TRAINING

• Dates b

1995

UNIVERSITA' DI ROMA LA SAPIENZA

Degree MD in Medicine and Surgery

• Dates b

1999

UNIVERSITA' DI ROMA LA SAPIENZA

Degree Specialization in Infectious Diseases

• Dates b

2002

THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER - DALLAS

Degree MSc MASTER "Infectious Diseases"

• Dates b

2004

UNIVERSITA' DI ROMA LA SAPIENZA

PhD in infectious diseases and immunology

• Dates b

2009

AMERICAN SOCIETY FOR COLPOSCOPY AND CERVICAL PATHOLOGY (ASCCP)

Degree MSc in "HIGH RESOLUTION ANOSCOPY"

For more information go to

www.cedefop.eu.int/transparency/
europa.eu.int/comm/education/index_en.html
eurescv-search.com/

ADDITIONAL INFORMATION**Member of the Editorial Board of "Biology and Experimental Medicine"****Guest Editor of "International Journal of Microbiology"****Reviewer of**

- PlosOne
- AIDS,
- Journal of Chemotherapy,
- Journal of Antimicrobial Chemotherapy.

Member of Cytokine Interest Group (CIG) of National Institute of Health (NIH) Bethesda, Maryland.**Clinical Sperimentator of :**

- A Study to Evaluate the Safety and Tolerability of Fuzeon (Enfuvirtide) in Combination bwith bAntiretroviral bAgents bin bPatients bwith bAdvanced bHuman Immunodeficiency Virus (HIV) Infection, Unable to Construct a Viable Treatment Regimen. (**MV16721**)
- Randomized, open-label, comparative safety and efficacy study of tipranavir cooded with low dose ritonavir (TPV/RTV) versus genotypically-defined protease inhibitor/ritonavir (PI/RTV) in multiple antiretroviral drug-experienced patients (**(RESIST-2: Randomized Evaluation of Strategic Intervention in multi-drug eSistant patients with Tipranavir n. 1182.48)**)
- **"O.P.E.R.A. b(Optimized bPegylated binterferons bEfficacy b& banti-Retroviral Approach): Studio Osservazionale Prospettico per l'ottimizzazione della terapia delle confezioni HIV/HCV"**
- A long-term open-label rollover trial for subjects who have participated in a Tipranavir study, assessing the safety and tolerability of combination Tipranavir and Ritonavir use in HIV-1 infected subjects. (**BI 1182.17 - Resist 1 Rollover**)
- A Multicenter, Randomized, Double-Blind, **Comparative Tial of a Novel CCR5 rAntagonist, rUK-427,857, bin bCombination bWith bZidovudine/Lamivudine Versus Efavirenz in Combination With Zidovudine/Lamivudine for the Treatment of Antiretroviral-Naïve HIV-1 Infected Subjects**
- **Abbott Protocol M05-730:** A Phase 3, Randomized, Open-Label, Study of Lopinavir/Ritonavir Tablets Versus Soft Gel Capsules and Once Daily Versus Twice Daily Administration, when Coadministered with NRTIs in Antiretroviral Naïve HIV-1 Infected Subjects.
- **Pfizer protocol A4001050:** A multi-center, open label, expanded access trial of Maraviroc.
- **The SKAN Study –** “Studio comparativo multicentrico randomizzato di switch da LPV/r ad ATV/r o NVP, in associazione a ABC/3TC, in soggetti con infezione da HIV in controllo viologico”.
- **Protocollo HI-Vision. HIV.** gestire l'aderenza “Programma di intervento per il rafforzamento dell'aderenza alla terapia antiretrovirale potente b(HAART), bil miglioramento del rapporto medico-paziente e l'aumento delle conoscenze sull'infezione da HIV nelle persone affette da tale patologia”
- Studio di coorte **NIA** (Nuovi Inibitori Anti-HIV) promosso dall'Istituto Superiore di Sanità
- **NEAT 001/ANRS 143** An open-label randomised comparative two-year trial comparing two first-line regimens in HIV-infected antiretroviral naïve subjects:

darunavir/r + tenofovir/emtricitabine vs. darunavir/r + raltegravir

- **Patologia cardiovascolare nei pazienti HIV: identificazione non invasiva in fase pre-clinica delle lesioni coronariche con RTC dual-source** effettuato in collaborazione con il Dipartimento di Radiologia (Prof. Passariello) e il Dipartimento di Cardiologia (Prof. Fedele) del Policlinico Umberto I di Roma e i laboratori dell'Istituto Superiore di Sanità (Dipartimento del Farmaco - Dott. Vella)
- **Studio dell'immunità mucosale nell'infezione da HIV** effettuato in collaborazione con gli Stellar-Chance Laboratories dell'University of Pennsylvania - USA (Prof. Guido Silvestri), il Dipartimento del Farmaco dell'Istituto Superiore di Sanità (Dott. Stefano Vella) e il Dipartimento di Chirurgia "Pietro Valdoni" del Policlinico Umberto I di Roma (Prof. Fiocca).
- **RANIA Study** - Switching from regimens consisting of a RTV-boosted protease inhibitor plus TDF/FTC to a combination of Raltegravir plus Nevirapine and Lamivudine in HIV patients with suppressed viremia and impaired renal function (RANIA Study)
- **AtLaS study** - Pilot Study for the Evaluation of the Safety and the Feasibility of Treatment Simplification to Atazanavir/Ritonavir + Lamivudine in Patients Stably Treated with Two bNRTIs + Atazanavir/Ritonavir with Optimal bVirologic Response.

ANNEXES

PUBBLICAZIONI SCIENTIFICHE

books

- Moroni bM, bAntinori bS, bVullo bV. bManuale bdi bmalattie binfettive bEditore: Edra b-Masson, Edizione: Il 9/2015 , Volume: Unico (autore del capitolo 16 "Infezioni nosocomiali")
-

Papers

1: Pacella I, Timperi E, Accapezzato D, Martire C, La adia G, Cavallari EN, D'Ettorre G, Calvo L, Rizzo F, Severa M, Coccia EM, Vullo V, Barnaba V, Piconese S. IFN- α promotes rapid human Treg contraction and late Th1-like Treg decrease. *J Leukoc Biol.* 2016 Feb 26. pii: jlb.5A0415-140R. [Epub ahead of print] PubMed PMID: 26921346.

2: D'Abramo A, Zingaropoli MA, Oliva A, D'Agostino C, Al Moghazi S, De Luca G, Iannetta M, d'Ettorre G, Ciardi MR, Mastroianni CM, Vullo V. Higher Levels of Osteoprotegerin and Immune Activation/Immunosenescence Markers Are Correlated with Concomitant Bone and Endovascular Damage in HIV-Suppressed Patients. *PLoS One.* 2016 Feb 25;11(2):e0149601. doi: 10.1371/journal.pone.0149601. eCollection 2016. PubMed PMID: 26913505; PubMed Central PMCID: PMC4767229.

3: Pavone P, Tieghi T, d'Ettorre G, Lichtner M, Marocco R, Mezzaroma I, Passavanti G, Vittozzi P, Mastroianni CM, Vullo V. Rapid decline of fasting glucose in HCV diabetic patients treated with direct-acting antiviral agents. *Clin Microbiol Infect.* 2016 Jan 23. pii: S1198-743X(16)00030-6. doi: 10.1016/j.cmi.2015.12.030. [Epub ahead of print] PubMed PMID: 26812446.

4: d'Ettorre G, Ceccarelli G, Serafino S, Giustini N, Cavallari EN, Bianchi L, Pavone P, Bellelli V, Turriziani O, Antonelli G, Stroffolini T, Vullo V. Dominant enrichment of phenotypically activated CD38(+) HLA-DR(+) CD8(+) T cells, rather than CD38(+) HLA-DR(+) CD4(+) T cells, in HIV/HCV coinfect ed patients on antiretroviral therapy. *J Med Virol.* 2016 Jan 14. doi: 10.1002/jmv.24475. [Epub ahead of print] PubMed PMID: 26765625.

5: Michelini Z, Baroncelli S, Fantauzzi A, Pasquale C, Galluzzo CM, Sanchez M, Gatto M, Amici R, Franco M, d'Ettorre G, Fimiani C, Mezzaroma I, Vullo V, Merli M, Palmisano L. Reduced Plasma Levels of sCD14 and I-FABP in HIV-infected Patients with Mesalazine-treated Ulcerative Colitis. *HIV Clin Trials.* 2016 Mar;17(2):49-54. doi: 10.1080/15284336.2015.1125077. Epub 2016 Jan 7. PubMed PMID: 26739837.

6: Di Maio VC, Cento V, Di Paolo D, Aragri M, De Leonards F, Tontodonati M, Micheli V, Bellocchi MC, Antonucci FP, Bertoli A, Lenci I, Milana M, Gianserra L, Melis M, Di Biagio A, Sarrecchia C, Sarmati L, Landonio S, Franciso S, Lambiase L, Nicolini LA, Marenco S, Nosotti L, Giannelli V, Siciliano M, Romagnoli D, Pellicelli A, Vecchiet J, Magni CF, Babudieri S, Mura MS, Taliani G, Mastroianni C, Vespasiani-Gentilucci U, Romano M, Morisco F, Gasbarrini A, Vullo V, Bruno S, Baiguera C, Pasquazzi C, Tisone G, Picciotto A, Andreoni M, Parruti G, Rizzardini G, Angelico M, Perno CF, Ceccherini-Silberstein F; HCV Italian Resistance Network Study Group. HCV NS3 sequencing as a reliable and clinically useful tool for the assessment of genotype and resistance mutations for clinical samples with different HCV-RNA levels. *J Antimicrob Chemother.* 2016 Mar;71(3):739-50. doi: 10.1093/jac/dkv403. Epub 2015 Dec 17. PubMed PMID: 26679249.

7: Scagnolari C, Monteleone K, Selvaggi C, Pierangeli A, D'Ettorre G, Mezzaroma

I, Turriziani O, Gentile M, Vullo V, Antonelli G. ISG15 expression correlates with HIV-1 viral load and with factors regulating T cell response. *Immunobiology*. 2016 Feb;221(2):282-90. doi: 10.1016/j.imbio.2015.10.007. Epub 2015 Oct 30. PubMed PMID: 26563749.

8: Serafino S, Cella E, Montagna C, Cavallari EN, Vittozzi P, Lo Presti A, Giovanetti M, Mazzuti L, Turriziani O, Ceccarelli G, d'Ettorre G, Vullo V, Ciccozzi M. An epidemiological investigation to reconstruct a probable human immunodeficiency virus-1 transmission network: a case report. *J Med Case Rep*. 2015 bNov b3;9:253. bdoi: b10.1186/s13256-015-0717-2. bPubMed bPMID: b26527158; PubMed Central PMCID: PMC4630910.

9: Nozza S, Svicher V, Saracino A, d'Ettorre G, De Luca A, Maggiolo F, Bonora S, di Biagio A, Rusconi S, Mussini C. State of the Art of Dual Therapy in 2015. *AIDS Rev*. 2015 Jul-Sep;17(3):127-34. PubMed PMID: 26450801.

10: Ceccarelli G, Oliva A, d'Ettorre G, D'Abromo A, Caresta E, Barbara CS, Mascellino MT, Papoff P, Moretti C, Vullo V, Visca P, Venditti M. The role of vancomycin in addition with colistin and meropenem against colistin-sensitive multidrug resistant *Acinetobacter baumannii* causing severe infections in a Paediatric Intensive Care Unit. *BMC Infect Dis*. 2015 Sep 30;15:393. doi: 10.1186/s12879-015-1133-3. PubMed PMID: 26424078; PubMed Central PMCID: PMC4589198.

11: Antinori A, Marcotullio S, Andreoni M, Ammassari A, d'Arminio Monforte A, Galli M, Girardi E, Mazzotta F, Mussini C, Puoti M, Lazzarin A; Italian HIV Guidelines Working Group. Italian guidelines for the use of antiretroviral agents and the diagnostic-clinical management of HIV-1 infected persons. Update December 2014. *New Microbiol*. 2015 Jul;38(3):299-328. PubMed PMID: 26422838.

12: Faiani M, Zaccarelli M, Latini A, Sterrantino G, D'Ettorre G, Grima P, Mondi A, Rossetti B, Borchi B, Giuliani M, Antinori A, De Luca A, Di Giambenedetto S. Reduced risk of Efavirenz Discontinuation in Naïve Patients Starting First-Line Antiretroviral Therapy with Single Tablet versus dual Tablet Regimen. *HIV Med*. 2016 May;17(5):385-9. doi: 10.1111/hiv.12313. Epub 2015 Sep 22. PubMed PMID: 26394902.

13: Martini H, Citro A, Martire C, D'Ettorre G, Labbadia G, Accapezzato D, Piconese S, De Marzio P, Cavallari EN, Calvo L, Rizzo F, Severa M, Coccia EM, Grazi GL, Di Filippo S, Sidney J, Vullo V, Sette A, Barnaba V. Apoptotic Epitope-Specific CD8+ T Cells and Interferon Signaling Intersect in Chronic Hepatitis C Virus Infection. *J Infect Dis*. 2016 Feb 15;213(4):674-83. doi: 10.1093/infdis/jiv460. Epub 2015 Sep 19. PubMed PMID: 26386427.

14: d'Ettorre G, Ceccarelli G, Giustini N, Serafino S, Calantone N, De Girolamo G, Bianchi L, Bellelli V, Ascoli-Bartoli T, Marcellini S, Turriziani O, Brenchley JM, Vullo V. Probiotics Reduce Inflammation in Antiretroviral Treated, HIV-Infected Individuals: Results of the "Probio-HIV" Clinical Trial. *PLoS One*. 2015 Sep 16;10(9):e0137200. doi: 10.1371/journal.pone.0137200. eCollection 2015. PubMed PMID: 26376436; PubMed Central PMCID: PMC4573418.

15: d'Ettorre G, Ceccarelli G, Andreotti M, Selvaggi C, Giustini N, Serafino S, Schietroma I, Nunnari G, Antonelli G, Vullo V, Scagnolari C. Analysis of Th17 and

Tc17 Frequencies and Antiviral Defenses in Gut-Associated Lymphoid Tissue of Chronic HIV-1 Positive Patients. *Mediators Inflamm.* 2015;2015:395484. doi: 10.1155/2015/395484. Epub 2015 Jun 28. PubMed PMID: 26221062; PubMed Central PMCID: PMC4499407.

16: Matteucci C, Minutolo A, Pollicita M, Balestrieri E, Grelli S, D'Ettorre G, Vullo V, Bucci I, Luchini A, Aquaro S, Sinibaldi-Vallebona P, Macchi B, Perno CF, Mastino A, Garaci E. Thymosin α 1 potentiates the release by CD8(+) cells of soluble factors able to inhibit HIV-1 and human T lymphotropic virus 1 infection in vitro. *Expert Opin Biol Ther.* 2015;15 Suppl 1:S83-100. doi: 10.1517/14712598.2015.1021677. Epub 2015 Jun 22. PubMed PMID: 26094546.

17: d'Ettorre G, Ceccarelli G, Zaccarelli M, Ascoli-Bartoli T, Bianchi L, Bellelli V, De Girolamo G, Serafino S, Giustini N, Mastroianni CM, Vullo V. Impact of switching from lopinavir/ritonavir to boosted and un-boosted atazanavir on glucose metabolism: ATAZanavir & GLUcose metabolism (ATAGLU) study. *Int J STD AIDS.* 2015 Jun 10. pii: 0956462415590724. [Epub ahead of print] PubMed PMID: 26068963.

18: Sarmati L, D'Ettorre G, Parisi SG, Andreoni M. HIV Replication at Low Copy Number and its Correlation with the HIV Reservoir: A Clinical Perspective. *Curr HIV Res.* 2015;13(3):250-7. Review. PubMed PMID: 25845389; PubMed Central PMCID: PMC4460281.

19: Monteleone K, Selvaggi C, Cacciotti G, Falasca F, Mezzaroma I, D'Ettorre G, Turriziani O, Vullo V, Antonelli G, Scagnolari C. MicroRNA-29 family expression and its relation to antiviral immune response and viro-immunological markers in HIV-1-infected patients. *BMC Infect Dis.* 2015 Feb 12;15:51. doi: 10.1186/s12879-015-0768-4. PubMed PMID: 25808800; PubMed Central PMCID: PMC4336718.

20: Mastroianni CM, d'Ettorre G, Forcina G, Lichtner M, Corpilongo A, Coletta S, Vullo V. Rhabdomyolysis after cerivastatin-gemfibrozil therapy in an HIV-infected patient with protease inhibitor-related hyperlipidemia. *AIDS.* 2001 Apr 13;15(6):820-1. PubMed PMID: 11371708.

21: Misasi R, Sorice M, Garofalo T, Griggi T, Giannmarioli AM, D'Ettorre G, Vullo V, Pontieri GM, Malorni W, Pavan A. Overexpression of lymphocytic GD3 ganglioside and presence of anti-GD3 antibodies in patients with HIV infection. *AIDS Res Hum Retroviruses.* 2000 Oct 10;16(15):1539-49. PubMed PMID: 11054267.

22: Mastroianni CM, Mengoni F, Lichtner M, D'Agostino C, d'Ettorre G, Forcina G, Marzi M, Russo G, Massetti AP, Vullo V. Ex vivo and in vitro effect of human immunodeficiency virus protease inhibitors on neutrophil apoptosis. *J Infect Dis.* 2000 Nov;182(5):1536-9. Epub 2000 Oct 9. PubMed PMID: 11023478.

23: Mastroianni CM, d'Ettorre G, Forcina G, Lichtner M, Mengoni F, D'Agostino C, Corpilongo A, Massetti AP, Vullo V. Interleukin-15 enhances neutrophil functional activity in patients with human immunodeficiency virus infection. *Blood.* 2000 Sep 1;96(5):1979-84. PubMed PMID: 10961903.

24: Mastroianni CM, Lichtner M, Mengoni F, D'Agostino C, d'Ettorre G, Forcina G,

Santopadre P, Massetti AP, Vullo V. Changes in circulating levels of soluble cell adhesion molecules following highly active antiretroviral treatment of HIV-1-infected patients. *Clin Immunol*. 2000 Jun;95(3):212-7. PubMed PMID: 10866128.

25: Mastroianni CM, d'Ettorre G, Forcina G, Corpilongo A, Dell'Isola S, Lichtner M, D'Agostino C, Trinchieri V, Santopadre P, Vullo V. Long-term remission of human immunodeficiency virus-associated visceral leishmaniasis after initiation of potent combination antiretroviral treatment: report of two cases. *J Infect*. 2000 Jan;40(1):94-6. PubMed PMID: 10762121.

26: Nicastri E, Sarmati L, Ercoli L, Mancino G, D'Ambrosio E, d'Ettorre G, Mastroianni CM, Vullo V, Andreoni M. Reduction of IFN-gamma and IL-2 production by peripheral lymphocytes of HIV-exposed seronegative subjects. *AIDS*. 1999 Jul 30;13(11):1333-6. PubMed PMID: 10449285.

27: Mastroianni CM, Lichtner M, Mengoni F, D'Agostino C, Forcina G, d'Ettorre G, Santopadre P, Vullo V. Improvement in neutrophil and monocyte function during highly active antiretroviral treatment of HIV-1-infected patients. *AIDS*. 1999 May 28;13(8):883-90. PubMed PMID: 10371168.

28: Conte MP, Venditti M, Chiarini F, D'Ettorre G, Zamboni I, Scoarugh GL, Gallinelli C, Orsi GB. Extended Spectrum Beta-Lactamase-producing Klebsiella pneumoniae outbreaks during a third generation cephalosporin restriction policy. *J Chemother*. 2005 Feb;17(1):66-73. PubMed PMID: 15828446.

29: Sarmati L, Montano M, Dori L, Buonomini AR, D'Ettorre G, Vullo V, Andreoni M. Discordant response to HAART: reduction of viremia and replicative capacity of HIV strains in patients after genotype guided change of therapy. *New Microbiol*. 2004 Apr;27(2 Suppl 1):95-8. PubMed PMID: 15646070.

30: Nicastri E, Sarmati L, d'Ettorre G, Parisi SG, Palmisano L, Montano M, Buonomini AR, Galluzzo C, Vullo V, Concia E, Vella S, Andreoni M. Non-B HIV type 1 subtypes: replicative capacity and response to antiretroviral therapy. *AIDS Res Hum Retroviruses*. 2004 Aug;20(8):816-8. PubMed PMID: 15320985.

31: Forcina G, D'Ettorre G, Mastroianni CM, Carnevalini M, Scorzolini L, Ceccarelli G, D'Agostino C, Lichtner M, Massetti AP, Vullo V. Interleukin-15 modulates interferon-gamma and beta-chemokine production in patients with HIV infection: implications for immune-based therapy. *Cytokine*. 2004 Mar 21;25(6):283-90. PubMed PMID: 15036244.

32: Mastroianni CM, d'Ettorre G, Forcina G, Vullo V. Teaching tired T cells to fight HIV: time to test IL-15 for immunotherapy? *Trends Immunol*. 2004 Mar;25(3):121-5. Review. PubMed PMID: 15036038.

33: Sarmati L, Nicastri E, Montano M, Dori L, Buonomini AR, d'Ettorre G, Gatti F, Parisi SG, Vullo V, Andreoni M. Decrease of replicative capacity of HIV isolates after genotypic guided change of therapy. *J Med Virol*. 2004 Apr;72(4):511-6. PubMed PMID: 14981751.

34: Grelli S, d'Ettorre G, Lauria F, Montella F, Di Traglia L, Lichtner M, Vullo V, Favalli C, Vella S, Macchi B, Mastino A. Inverse correlation between CD8+

lymphocyte apoptosis and CD4+ cell counts during potent antiretroviral therapy in HIV patients. *J Antimicrob Chemother.* 2004 Mar;53(3):494-500. Epub 2004 Feb 12. PubMed PMID: 14963063.

35: d'Ettorre G, Forcina G, Andreotti M, Sarmati L, Palmisano L, Andreoni M, Vella S, Mastroianni CM, Vullo V. Interleukin-15 production by monocyte-derived dendritic cells and T cell proliferation in HIV-infected patients with discordant response to highly active antiretroviral therapy. *Clin Exp Immunol.* 2004 Feb;135(2):280-5. Erratum in: *Clin Exp Immunol.* 2004 Apr;136(1):189. PubMed PMID: 14738457; PubMed Central PMCID: PMC1808945.

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- 47: Nicastri E, Ercoli L, Sarmati L, d'Ettorre G, Iudicone P, Massetti P, Vullo V, Andreoni M. Human immunodeficiency virus-1 specific and natural cellular immunity in HIV seronegative subjects with multiple sexual exposures to virus. *J Med Virol.* 2001 Jul;64(3):232-7. PubMed PMID: 11424109.
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