

# CURRICULUM VITAE

## PERSONAL INFORMATION

Name Emanuele Nicastrì

Nationality Italy

Date of birth 17 October 1966

## EXPERTISE

- Principal areas of expertise
  - Clinical management of patients with emerging and re-emerging infectious (including HIV/AIDS) and tropical diseases.
  - Case management during outbreaks due to highly infectious diseases, with focus on clinical management.
  - Training programme in highly infectious diseases, with focus on clinical management and health care associated infections

## WORK EXPERIENCE

- Dates (from – to)
    - Name and address of employer
      - Type of business or sector
      - Occupation or position held
    - Main activities and responsibilities
  - Dates (from – to)
    - Name and address of employer
      - Type of business or sector
      - Occupation or position held
    - Main activities and responsibilities
  - Dates (from – to)
    - Name and address of employer
      - Type of business or sector
      - Occupation or position held
    - Main activities and responsibilities
  - Dates (from – to)
- September 2014 - today**  
National Institute for Infectious Diseases (INMI) IRCCS L. Spallanzani Rome Italy  
Medical Doctor with clinical, training and research duties  
Director of Tropical and Infectious Disease Unit and of the Highly Contagious Infectious Disease Unit for patients with Ebola Viral Disease and other Haemorrhagic fevers at the Clinical and research department  
Coordinator of health development clinical and research activities in Africa  
Training activities in Highly Contagious Infectious Diseases
- March 2000 – September 2014**  
National Institute for Infectious Diseases (INMI) IRCCS L. Spallanzani Rome Italy  
Medical Doctor with research and clinical duties  
Clinical and research department  
Coordinator of health development clinical, research and training activities in Africa
- 2006-2012**  
Italian Ministry of Foreign Affairs - Cooperation Agency  
Health Cooperation Project in the United Republic of Tanzania  
Medical officer and Italian activities coordinator  
Implementation, activity coordination and Italian desk of the health cooperation project of strengthening of the public health sector in the HIV, malaria, TB and emerging and re-emerging infections in the United Republic of Tanzania. Several missions on the field for monitoring and evaluation of the programme activity. Training activities on the management of dengue fever. Consultancy for outbreak investigation during dengue outbreak in Dar es Salaam, 2014
- November 2009**

- Name and address of employer
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

- Dates (from – to)
- Name and address of employer
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

- Dates (from – to)

- Name and address of employer
  - Type of business or sector
  - Occupation or position held
- Main activities and responsibilities

## EDUCATION AND TRAINING

- Dates (from – to)

- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
  - Title of qualification awarded
  - Level in national classification (if appropriate)

- Dates (from – to)

- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
  - Title of qualification awarded
- Level in national classification (if appropriate)

## LANGUAGES

MOTHER TONGUE

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

Global Outbreak and Alert Control - WHO  
Dengue outbreak in the Capeverde Archipelagos  
Medical officer

Clinical management of patients during primary outbreak due to Dengue in the Capeverde Archipelagos: training, educational activities, clinical advice and infection control.

### July – September 2011

Virginia Commonwealth University VCU Richmond VA – Prof R. D. Wenzel  
Epidemiology and infection control visiting professor  
Medical doctor

Clinical, research and training activities related to the VCU Infection Control Committee

### October 1992- October 1994

Italian NGO MLAL

Research and clinical duties on health cooperation project with Ecuador natives

Medical Doctor

Coordinator of health development clinical and training activities in Amazonian rain forest in Ecuador in the Federation of Shuar and Achuar natives

Trained in GCP for clinical trails

### 1998- 2002

PhD in metodology in preventive medicine and therapy -XIII ciclo

HIV infections, Infectious Diseases, Hospital infections

II University of Rome Tor Vergata

PhD

### 1997

Master in infectious disease and medical microbiology

HIV infections, Infectious Diseases, Hospital infections

University of Rome La Sapienza and Sacro Cuore Catholic University, Rome Italy

MD

### Italian

#### English

Good

Good

Good

#### Spanish

Good

Good

Good

## ADDITIONAL INFORMATION

**June 2000–today:** member Infection control committee of San Filippo Neri, Hospitals in Rome

**2001:** GSK Elion Young Investigator Award, by International Herpes Management Forum

**2001** Visting professor Department of Internal Medicine Medical College of Virginia, Virginia Commonwealth University, Richmond, Virginia, USA. Prof. Richard P. Wenzel. .

**June 2006 – today:** executive board International Society of Infectious Diseases

**November 2007** member Italian Society Infectious Diseases – SIMIT

**Jan 2004–may 2005:** coordinator European project European Network of Infectious Diseases physicians – EUNID

**July 2004- June 2005** main research duty “Tranlational rsearch”

**June 2005-today** main clinical and research duty “HIV infections and tropical diseases “

**October 2005-today** coordinator project “Strengthening the fight against HIV/AIDS TB and malaria in Tanzania – AID 8282 & AID 8785 funded by Italian Ministry of Foreign Affairs - MAE

**1996-2010** Short term Consultant of the Italian Cooperation Agency of the Italian Ministry of Foreign Affairs - MAE

**March 2008-today** member of the INMI Spallanzani group on Clinical Pharmacology and immune suppressive therapy in transplanted patients

**April 2008-today** coordinator of the regional centre for rare infectious diseases: 1. Hansen diseases (ICD-9-CM 090), 2. Whipple disease (ICD-9-CM 040.2), 3. Lyme disease (ICD-9-CM 088.81).

**May 2008 – June 2009** Scientific secretary GISIG-3 project, Italian Group on Severe Gram positive infections

**2008-9 academic years:** Professor at the University master in “*Surveillance and control of communicable diseases*” University of Rome La Sapienza II Medical College Director Gianfranco Tarsitani.

**2009-today Head of the research project** “Health Cooperation project and HIV infection in low resources countries” of the INMI Spallanzani

**April 2009** coordinator of INMI L. Spallanzani African activities at the WHO Clinical network Advisory meeting – Geneva

**12-27 November 2009** WHO short term consultancy in the clinical management of Dengue outbreak in Cape Verde Archipelagos Africa

**2010** Scientific secretary of the National Congress of the Italian Society Infectious Diseases – SIMIT

**2010** member of the group on "Drugs for the Developing Countries", SIMIT (Italian Society for Infectious and Tropical Diseases)

**February 2011** coordinator of INMI L. Spallanzani African activities at the WHO MedEvac top exercise held in Rome

**April 2012** scientific secretary GISIG-4 project, topic issues on MDR Gram neg

**September-October 2012** short term consultancy of the Italian Cooperation Agency of the Italian Ministry of Foreign Affairs – MAE & INMI Spallanzani Tanzania

**2013** author of a chapter on Pandemic Influenza and Infection control Professionals in the Infection Control Textbook BY R. P. Wenzel 2013

**2014** Scientific secretary of ICAR 2014

**2014** Honor for the clinical management of the smallpox outbreak on the Costa Crociera Cruise Ship in Civitavecchia

**2014** Honor for the clinical management of a suspected highly contagious patient on the Orione Italian military fregate during the *Mare Nostrum* Italian Mission

**2014** Head of the INMI task force for patients affected by Ebola Viral Disease

**2015** Expert in Infectious Disease with the Italian Drug Agency - AIFA

## ANNEXES

### Research interest areas

Clinical management of major haemorrhagic virus diseases including Ebola virus disease; major arbovirolosis, including dengue, chikungunya and zika; severe, complicated and uncomplicated malaria; major neglected diseases such as leishmania and Chagas.

HIV infection and AIDS: epidemiological investigations, HHV-8 co-infection, therapy optimization and immuno virology monitoring.

Surveillance studies of nosocomial infections; studies on emerging infections, re-emerging agents and biological agents potentially used for terrorist purposes.

Financing holder

1. Project Young Researchers, Announcement 2001, University of Rome Tor Vergata

2. Scientific Responsible of the I Operational Unit on "Alarm management by monitoring the information disseminated by the mass media on viral haemorrhagic fevers and diseases with high social impact" Ministry of Health Ricerca Finalizzata 2001

3. Responsible of the project line 1.4 of the INMI Ricerca Corrente on neglected and tropical diseases

4. Responsible of the project line of the INMI Ricerca Corrente on the therapeutic strategies of HIV up to 2015

5. CO-PI Ricerca Finalizzata 2008 on antiretroviral therapy with fixed combination (ATRIPLA) at alternate days

6. PI Ricerca Finalizzata 2013 on an Italian multicenter study on the clinical management of severe imported malaria the Nomal Study for 322015 euro

7. Co-PI of INMP on migrant health for 52,000 euros in 2017.

8. Co-PI of the EULAC European project on Chagas disease. € 198,000 in 2017

Other previous assignments

1. Coordinator of the European project "European Network of Infectious Diseases Physicians-EUNID funded by the European Commission for € 622,332 for the years 2004 and 2005.

2. Coordinator from October 2005 of the Project to strengthen the fight against HIV / AIDS in Tanzania - AID 8282 financed by the Italian Ministry of Foreign Affairs for approximately two million euro.

3. Principal investigator of two clinical trials in Tanzania: 1. Study on the prevalence of HIV, sexually transmitted infections, the use of illicit drugs and risky behavior in minors in the Iringa region, Tanzania. 2. Study of the differential diagnosis of malaria in patients with febrile syndrome.

4. Peer-to-peer reviewer of the following magazines or editorial groups: New Engl J Med, Clin Infect Dis; AIDS res and Human retrovir; Journals of Biomed Central, Respiration, Expert Review of Pharmacoeconomics and Outcomes Research, Biologics: Target & Therapy, Int J Infect Dis, Current HIV Reseach, Indian Journal of Ophthalmology, BMC Infect Dis.

5. Auditor for the International Society of Infectious Diseases (ISID) of projects to be funded called Small Grants and Fellowship Programs

6. member of the group, "Drugs for the Developing Countries", SIMIT (Italian Society for Infectious and Tropical Diseases).

## Publications

- 1: Chinello P, Petrosillo N, Pittalis S, Biava G, Ippolito G, Nicastrì E; INMI Ebola Team. QTc interval prolongation during favipiravir therapy in an Ebolavirus-infected patient. *PLoS Negl Trop Dis.* 2017 Dec 28;11(12):e0006034. doi: 10.1371/journal.pntd.0006034. eCollection 2017 Dec. PubMed PMID: 29283993; **IF**
- 2: Carletti F, Marsella P, Colavita F, Meschi S, Lalle E, Bordi L, Di Lallo D, Panella V, Di Caro A, Nicastrì E, Scognamiglio P, Lanini S, Vairo F, Capobianchi MR, Ippolito G, Castillette C. Full-Length Genome Sequence of a Chikungunya Virus Isolate from the 2017 Autochthonous Outbreak, Lazio Region, Italy. *Genome Announc.* 2017 Dec 7;5(49). pii: e01306-17. doi: 10.1128/genomeA.01306-17.
- 3: Nicastrì E, Vairo F, Ippolito G. Discharge Criteria for Patient With Lassa Fever Infection. *Clin Infect Dis.* 2017 Nov 24. doi: 10.1093/cid/cix864. [Epub ahead of print]. **IF**
- 4: Palummieri A, De Carli G, Rosenthal É, Cacoub P, Mussini C, Puro V; PrEPventHIV Italy Study Group. Awareness, discussion and non-prescribed use of HIV pre-exposure prophylaxis among persons living with HIV/AIDS in Italy: a Nationwide, cross-sectional study among patients on antiretrovirals and their treating HIV physicians. *BMC Infect Dis.* 2017 Nov 28;17(1):734. doi: 10.1186/s12879-017-2819-5. **IF**
- 5: Biava M, Caglioti C, Castillette C, Bordi L, Carletti F, Colavita F, Quartu S, Nicastrì E, Iannetta M, Vairo F, Liuzzi G, Taglietti F, Ippolito G, Capobianchi MR, Lalle E. Persistence of ZIKV-RNA in the cellular fraction of semen is accompanied by a surrogate-marker of viral replication. Diagnostic implications for sexual transmission. *New Microbiol.* 2017 Nov 7;40(4). **IF**
- 6: Fabeni L, Alteri C, Di Carlo D, Orchi N, Carioti L, Bertoli A, Gori C, Forbici F, Continenza F, Maffongelli G, Pinnetti C, Vergori A, Mondì A, Ammassari A, Borghi V, Giuliani M, De Carli G, Pittalis S, Grisetti S, Pennica A, Mastroianni CM, Montella F, Cristaudo A, Mussini C, Girardi E, Andreoni M, Antinori A, Ceccherini-Silberstein F, Perno CF, Santoro MM; SENDIH Study Group; SENDIH (Studio Epidemiologico Nuove Diagnosi Infezione da HIV) Study Group. Dynamics and phylogenetic relationships of HIV-1 transmitted drug resistance according to subtype in Italy over the years 2000-14. *J Antimicrob Chemother.* 2017 Oct 1;72(10):2837-2845.
- 7: Bordi L, Carletti F, Lalle E, Colavita F, Meschi S, Di Caro A, Nicastrì E, Scognamiglio P, Vairo F, Di Lallo D, Panella V, Capobianchi MR, Ippolito G, Castillette C. Molecular Characterization of Autochthonous Chikungunya Cluster in Latium Region, Italy. *Emerg Infect Dis.* 2018 Jan;24(1).
- 8: Iannetta M, Lalle E, Musso M, Carletti F, Scorzolini L, D'Abramo A, Chinello P, Castillette C, Ippolito G, Capobianchi MR, Nicastrì E. Persistent detection of dengue virus RNA in vaginal secretion of a woman returning from Sri Lanka to Italy, April 2017. *Euro Surveill.* 2017 Aug 24;22(34).
- 9: Nicastrì E, Brucato A, Petrosillo N, Biava G, Uyeki TM, Ippolito G; INMI's Ebola Team. Acute rhabdomyolysis

- and delayed pericardial effusion in an Italian patient with Ebola virus disease: a case report. *BMC Infect Dis.* 2017 Aug 30;17(1):597. doi: 10.1186/s12879-017-2689-x.
- 10: Iannetta M, Ippolito G, Nicastrì E. Azithromycin Shows Anti-Zika Virus Activity in Human Glial Cells. *Antimicrob Agents Chemother.* 2017 Aug 24;61(9). pii: e01152-17. doi: 10.1128/AAC.01152-17.
- 11: Cimini E, Castilletti C, Sacchi A, Casetti R, Bordoni V, Romanelli A, Turchi F, Martini F, Tumino N, Nicastrì E, Corpolongo A, Di Caro A, Kobinger G, Zumla A, Capobianchi MR, Ippolito G, Agrati C. Human Zika infection induces a reduction of IFN- $\gamma$  producing CD4 T-cells and a parallel expansion of effector V $\delta$ 2 T-cells. *Sci Rep.* 2017 Jul 24;7(1):6313.
- 12: Fabeni L, Berno G, Fokam J, Bertoli A, Alteri C, Gori C, Forbici F, Takou D, Vergori A, Zaccarelli M, Maffongelli G, Borghi V, Latini A, Pennica A, Mastroianni CM, Montella F, Mussini C, Andreoni M, Antinori A, Perno CF, Santoro MM; Resistance Study Group. Comparative Evaluation of Subtyping Tools for Surveillance of Newly Emerging HIV-1 Strains. *J Clin Microbiol.* 2017 Sep;55(9):2827-2837.
- 13: Liuzzi G, Castilletti C, Vairo F, Nicastrì E, Ippolito G. Travel-Associated Zika Virus Disease. *Ann Intern Med.* 2017 Jun 20;166(12):913.
- 14: Nguhuni B, De Nardo P, Gentilotti E, Chaula Z, Damian C, Mencarini P, Nicastrì E, Fulment A, Piscini A, Vairo F, Aiken AM, Ippolito G. Reliability and validity of using telephone calls for post-discharge surveillance of surgical site infection following caesarean section at a tertiary hospital in Tanzania. *Antimicrob Resist Infect Control.* 2017 May 8;6:43.
- 15: Madeddu G, Rusconi S, Cozzi-Lepri A, Di Giambenedetto S, Bonora S, Carbone A, De Luca A, Gianotti N, Di Biagio A, Antinori A; Icona Foundation Study Group. Efficacy and tolerability of switching to a dual therapy with darunavir/ritonavir plus raltegravir in HIV-infected patients with HIV-1 RNA  $\leq$ 50 cp/mL. *Infection.* 2017 Aug;45(4):521-528.
- 16: Kurth F, Develoux M, Mechain M, Malvy D, Clerinx J, Antinori S, Gjørup IE, Gascon J, Mørch K, Nicastrì E, Ramharter M, Bartoloni A, Visser L, Rolling T, Zanger P, Calleri G, Salas-Coronas J, Nielsen H, Just-Nübling G, Neumayr A, Hachfeld A, Schmid ML, Antonini P, Lingscheid T, Kern P, Kapaun A, da Cunha JS, Pongratz P, Soriano-Arandes A, Schunk M, Suttorp N, Hatz C, Zoller T. Severe malaria in Europe: an 8-year multi-centre observational study. *Malar J.* 2017 Jan 31;16(1):57.
- 17: Biava M, Caglioti C, Bordini L, Castilletti C, Colavita F, Quartu S, Nicastrì E, Lauria FN, Petrosillo N, Lanini S, Hoenen T, Kobinger G, Zumla A, Di Caro A, Ippolito G, Capobianchi MR, Lalle E. Detection of Viral RNA in Tissues following Plasma Clearance from an Ebola Virus Infected Patient. *PLoS Pathog.* 2017 Jan 5;13(1):e1006065.

- 18: Macciocchi D, Lanini S, Vairo F, Zumla A, Figueiredo LT, Lauria FN, Strada G, Brouqui P, Puro V, Krishna S, Kremsner P, Scognamiglio P, Köhler C, Nicastrì E, Di Caro A, Cieri RM, Ioannidis JP, Kobinger G, Burattini MN, Ippolito G. Short-term economic impact of the Zika virus outbreak. *New Microbiol.* 2016 Oct;39(4):287-289.
- 19: Puoti M, Lorenzini P, Cozzi-Lepri A, Gori A, Mastroianni C, Rizzardini G, Mazzarello G, Antinori A, d'Arminio Monforte A, Girardi E; Icona Foundation Study Group. Incidence and progression to cirrhosis of new hepatitis C virus infections in persons living with human immunodeficiency virus. *Clin Microbiol Infect.* 2017 Apr;23(4):267.e1-267.e4
- 20: Nicastrì E, Castillettì C, Biava M, Fusco FM, Petrosillo N, Puro V, Lauria FN, Capobianchi MR, Di Caro A, Ippolito G. Enabling Rapid Response to the 2014-2016 Ebola Epidemic: The Experience and the Results of the National Institute for Infectious Diseases Lazzaro Spallanzani. *Adv Exp Med Biol.* 2017;972:103-122.
- 21: Nicastrì E, Pisapia R, Corpolongo A, Fusco FM, Cicalini S, Scognamiglio P, Castillettì C, Bordi L, Di Caro A, Capobianchi MR, Puro V, Ippolito G. Three cases of Zika virus imported in Italy: need for a clinical awareness and evidence-based knowledge. *BMC Infect Dis.* 2016 Nov 11;16(1):669.
- 22: Mencarini P, Bellagamba R, Oliva A, Ghirga P, Giancola ML, Corpolongo A, Ascoli Bartoli T, De Nardo P, Baiocchini A, Del Nonno F, Narciso P, Nicastrì E. Pulmonary tuberculosis followed by sarcoidosis in an HIV-infected patient: A case report and a simplified diagnostic flowchart for diagnosis and treatment of sarcoidosis. *Respir Med Case Rep.* 2016 Sep 28;19:150-154.
- 23: Nicastrì E, Castillettì C, Balestra P, Galgani S, Ippolito G. Zika Virus Infection in the Central Nervous System and Female Genital Tract. *Emerg Infect Dis.* 2016 Dec;22(12):2228-2230. doi: 10.3201/eid2212.161280. Epub 2016 Dec 15.
- 24: Assenza F, Tombini M, Assenza G, Campana C, Benvenga A, Brunelli N, Ulivi M, Rizzo AC, Corpolongo A, Giancola ML, Nicastrì E, Di Lazzaro V. Dengue encephalitis presenting with nonconvulsive status epilepticus: A case report. *Clin Neurol Neurosurg.* 2016 Nov;150:89-91.
- 25: Nicastrì E, Castillettì C, Liuzzi G, Iannetta M, Capobianchi MR, Ippolito G. Persistent detection of Zika virus RNA in semen for six months after symptom onset in a traveller returning from Haiti to Italy, February 2016. *Euro Surveill.* 2016 Aug 11;21(32). doi: 10.2807/1560-7917.ES.2016.21.32.30314.
- 26: Nicastrì E, Balestra P, Ricottini M, Petrosillo N, Di Caro A, Capobianchi MR, Giancola ML, Ippolito G; INMI's Ebola Team. Temporary neurocognitive impairment with Ebola virus. *J Neurol Neurosurg Psychiatry.* 2016 Dec;87(12):1386-1387. doi: 10.1136/jnnp-2016-313695.
- 27: Armenia D, Di Carlo D, Maffongelli G, Borghi V, Alteri C, Forbici F, Bertoli A, Gori C, Giuliani M, Nicastrì E, Zaccarelli M, Pinnetti C, Cicalini S, D'Offizi G, Ceccherini-Silberstein F, Mussini C, Antinori A, Andreoni M, Perno CF, Santoro MM. Virological response and resistance profile in HIV-1-infected patients starting darunavir-

containing regimens. *HIV Med.* 2017 Jan;18(1):21-32. doi:10.1111/hiv.12388.

28: Nicastrì E, Castillettì C, Di Caro A, Capobianchi MR, Ippolito G. Diagnosis of Zika virus infection in pregnant women travelling to or residing in endemic areas. *Lancet Infect Dis.* 2016 Jul;16(7):771-772. doi: 10.1016/S1473-3099(16)30074-3.

29: Nicastrì E, Petrosillo N, Vairo F, Di Caro A, Ippolito G. Steroid use and clinical sequelae in two survivors of EVD. *Lancet Infect Dis.* 2016 Jun;16(6):638. doi: 10.1016/S1473-3099(16)30058-5.

30: Squillace N, Lorenzini P, Lapadula G, Bandera A, Cozzi-Lepri A, Rusconi S, Puoti M, Castagna A, Antinori A, Gori A, d'Arminio Monforte A; Icona Foundation Study Group. Triglyceride/HDL ratio and its impact on the risk of diabetes mellitus development during ART. *J Antimicrob Chemother.* 2016 Sep;71(9):2663-9. doi: 10.1093/jac/dkw185.

31: Liuzzi G, Puro V, Lanini S, Vairo F, Nicastrì E, Capobianchi MR, Di Caro A, Piacentini M, Zumla A, Ippolito G. Zika virus and microcephaly: is the correlation causal or coincidental? *New Microbiol.* 2016 Apr;39(2):83-5.

32: Liuzzi G, Nicastrì E, Puro V, Zumla A, Ippolito G. Zika virus in saliva-New challenges for prevention of human to human transmission. *Eur J Intern Med.* 2016 Sep;33:e20-1. doi: 10.1016/j.ejim.2016.04.022

33: De Nardo P, Gentilotti E, Nguhuni B, Vairo F, Chaula Z, Nicastrì E, Nassoro MM, Bevilacqua N, Ismail A, Savoldi A, Zumla A, Ippolito G. Post-caesarean section surgical site infections at a Tanzanian tertiary hospital: a prospective observational study. *J Hosp Infect.* 2016 Aug;93(4):355-9. doi: 10.1016/j.jhin.2016.02.021.

34: Vairo F, Mboera LE, De Nardo P, Oriyo NM, Meschi S, Rumisha SF, Colavita F, Mhina A, Carletti F, Mwakapeje E, Capobianchi MR, Castillettì C, Di Caro A, Nicastrì E, Malecela MN, Ippolito G. Clinical, Virologic, and Epidemiologic Characteristics of Dengue Outbreak, Dar es Salaam, Tanzania, 2014. *Emerg Infect Dis.* 2016 May;22(5):895-9. doi: 10.3201/eid2205.151462. PubMed PMID: 27088845;

35: Agrati C, Castillettì C, Casetti R, Sacchi A, Falasca L, Turchi F, Tumino N, Bordoni V, Cimini E, Viola D, Lalle E, Bordini L, Lanini S, Martini F, Nicastrì E, Petrosillo N, Puro V, Piacentini M, Di Caro A, Kobinger GP, Zumla A, Ippolito G, Capobianchi MR. Longitudinal characterization of dysfunctional T cell-activation during human acute Ebola infection. *Cell Death Dis.* 2016 Mar 31;7:e2164. doi: 10.1038/cddis.2016.55. PubMed PMID: 27031961;

36: Liuzzi G, Puro V, Vairo F, Nicastrì E, Capobianchi MR, Di Caro A, Piacentini M, Zumla A, Ippolito G. Zika virus and microcephaly: is the correlation, causal or coincidental? *New Microbiol.* 2016 Mar 10;39(2).

37: Uyeki TM, Mehta AK, Davey RT Jr, Liddell AM, Wolf T, Vetter P, Schmiedel S, Grunewald T, Jacobs M, Arribas JR, Evans L, Hewlett AL, Brantsaeter AB, Ippolito G, Rapp C, Hoepelman AI, Gutman J; Working Group of the U.S.–European Clinical Network on Clinical Management of Ebola Virus Disease Patients in the U.S. and



Europe. Clinical Management of Ebola Virus Disease in the United States and Europe. *N Engl J Med*. 2016 Feb 18;374(7):636-46. doi: 10.1056/NEJMoa1504874.

38: Di Biagio A, Cozzi-Lepri A, Prinapori R, Angarano G, Gori A, Quirino T, De Luca A, Costantini A, Mussini C, Rizzardini G, Castagna A, Antinori A, d'Arminio Monforte A; ICONA Foundation Study Group. Discontinuation of Initial Antiretroviral Therapy in Clinical Practice: Moving Toward Individualized Therapy. *J Acquir Immune Defic Syndr*. 2016 Mar 1;71(3):263-71.

39: Mocroft A, Lundgren JD, Ross M, Fux CA, Reiss P, Moranne O, Morlat P, Monforte Ad, Kirk O, Ryom L; Data Collection on Adverse events of Anti-HIV Drugs (D:A:D) Study. Cumulative and current exposure to potentially nephrotoxic antiretrovirals and development of chronic kidney disease in HIV-positive individuals with a normal baseline estimated glomerular filtration rate: a prospective international cohort study. *Lancet HIV*. 2016 Jan;3(1):e23-32. doi:10.1016/S2352-3018(15)00211-8.

40: Bracaglia G, Ranno S, Mancinelli L, Santoro M, Cerroni L, Massone C, Sanguenza O, Bravo FG, Diociaiuti A, Nicastrì E, Muraca M, El Hachem M, Boldrini R, Callea F, Putignani L. A waterborn zoonotic helminthiasis in an Italian diver: a case report of a cutaneous Sparganum infection and a review of European cases. *Pathog Glob Health*. 2015;109(8):383-6. doi: 10.1080/20477724.2015.1123901.

41: Mussini C, Lorenzini P, Puoti M, Lichtner M, Lapadula G, Di Giambenedetto S, Antinori A, Madeddu G, Cozzi-Lepri A, d'Arminio Monforte A, De Luca A; ICONA Foundation Study Group. Prognostic Value of the Fibrosis-4 Index in Human Immunodeficiency Virus Type-1 Infected Patients Initiating Antiretroviral Therapy with or without Hepatitis C Virus. *PLoS One*. 2015 Dec 7;10(12):e0140877. doi: 10.1371/journal.pone.0140877. eCollection 2015.

42: Bevilacqua N, Nicastrì E, Chinello P, Puro V, Petrosillo N, Di Caro A, Capobianchi MR, Lanini S, Vairo F, Pletschette M, Zumla A, Ippolito G; INMI Ebola Team. Criteria for discharge of patients with Ebola virus diseases in high-income countries. *Lancet Glob Health*. 2015 Dec;3(12):e739-40. Erratum in: *Lancet Glob Health*. 2016 Jan;4(1):e27.

43: De Nardo P, Gentilotti E, Nguhuni B, Vairo F, Chaula Z, Nicastrì E, Ippolito G. Efavirenz-based antiretroviral therapy versus nevirapine-including regimens for prevention of mother-to-child transmission of HIV option B plus in resource-limited settings: is there anything missing? *Expert Rev Anti Infect Ther*. 2016;14(1):19-27. doi: 10.1586/14787210.2016.1116383. Epub 2015 Dec 3.

44: Saracino A, Lorenzini P, Lo Caputo S, Girardi E, Castelli F, Bonfanti P, Rusconi S, Caramello P, Abrescia N, Mussini C, Monno L, d'Arminio Monforte A; ICONA Foundation Study Group. Increased risk of virologic failure to the first antiretroviral regimen in HIV-infected migrants compared to natives: data from the ICONA cohort. *Clin Microbiol Infect*. 2016 Mar;22(3):288.e1-8. doi: 10.1016/j.cmi.2015.10.026.

45: Salce L, Barbato S, Renna D, Bianchini F, Vaccaro P, Mazzeo F, Gasparini A, Rizza C, Lanfranchi E, Petrosillo

N, Nicastrì E, Di Caro A, Capobianchi MR, Puro V, Ippolito G; INMI EBOV Team. First Italian Ebola virus disease case: management of hospital internal and external communication. *New Microbiol.* 2015 Oct;38(4):565-70.

46: Petrosillo N, Nicastrì E, Lanini S, Capobianchi MR, Di Caro A, Antonini M, Puro V, Lauria FN, Shindo N, Magrini N, Kobinger GP, Ippolito G; INMI EBOV Team. Ebola virus disease complicated with viral interstitial pneumonia: a case report. *BMC Infect Dis.* 2015 Oct 16;15:432. doi: 10.1186/s12879-015-1169-4.

47: Mussini C, Lorenzini P, Cozzi-Lepri A, Lapadula G, Marchetti G, Nicastrì E, Cingolani A, Lichtner M, Antinori A, Gori A, d'Arminio Monforte A; Icona Foundation Study Group. CD4/CD8 ratio normalisation and non-AIDS-related events in individuals with HIV who achieve viral load suppression with antiretroviral therapy: an observational cohort study. *Lancet HIV.* 2015 Mar;2(3):e98-106. doi: 10.1016/S2352-3018(15)00006-5.

48: 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.

49: Puro V, Pittalis S, Chinello P, Nicastrì E, Petrosillo N, Antonini M, Ippolito G; Ebola INMI Task Force. Disinfection of personal protective equipment for management of Ebola patients. *Am J Infect Control.* 2015 Dec 1;43(12):1375-6. doi: 10.1016/j.ajic.2015.07.040.

50: Fabeni L, Alteri C, Orchi N, Gori C, Bertoli A, Forbici F, Montella F, Pennica A, De Carli G, Giuliani M, Continenza F, Pinnetti C, Nicastrì E, Ceccherini-Silberstein F, Mastroianni CM, Girardi E, Andreoni M, Antinori A, Santoro MM, Perno CF. Recent Transmission Clustering of HIV-1 C and CRF17\_BF Strains Characterized by NNRTI-Related Mutations among Newly Diagnosed Men in Central Italy. *PLoS One.* 2015 Aug 13;10(8):e0135325. doi: 10.1371/journal.pone.0135325.

51: Achhra AC, Mocroft A, Reiss P, Sabin C, Ryom L, de Wit S, Smith CJ, d'Arminio Monforte A, Phillips A, Weber R, Lundgren J, Law MG; D:A:D Study Group. Short-term weight gain after antiretroviral therapy initiation and subsequent risk of cardiovascular disease and diabetes: the D:A:D study. *HIV Med.* 2016 Apr;17(4):255-68. doi: 10.1111/hiv.12294.

52: Colbers A, Best B, Schalkwijk S, Wang J, Stek A, Hidalgo Tenorio C, Hawkins D, Taylor G, Kreitchmann R, Burchett S, Haberl A, Kabeya K, van Kasteren M, Smith E, Capparelli E, Burger D, Mirochnick M; PANNA Network and the IMPAACT 1026 Study Team. Maraviroc Pharmacokinetics in HIV-1-Infected Pregnant Women. *Clin Infect Dis.* 2015 Nov 15;61(10):1582-9. doi: 10.1093/cid/civ587. Epub 2015 Jul 22.

53: Kurth F, Develoux M, Mechain M, Clerinx J, Antinori S, Gjørup IE, Gascon J, Mørch K, Nicastrì E, Ramharter M, Bartoloni A, Visser L, Rolling T, Zanger P, Calleri G, Salas-Coronas J, Nielsen H, Just-Nübling G, Neumayr A, Hachfeld A, Schmid ML, Antonini P, Pongratz P, Kern P, Saraiva da Cunha J, Soriano-Arandes A, Schunk M, Suttorp N, Hatz C, Zoller T; TropNet Severe Malaria Investigator Group. Intravenous Artesunate Reduces Parasite

- Clearance Time, Duration of Intensive Care, and Hospital Treatment in Patients With Severe Malaria in Europe: The TropNet Severe Malaria Study. *Clin Infect Dis*. 2015 Nov 1;61(9):1441-4. doi: 10.1093/cid/civ575.
- 54: Castilletti C, Carletti F, Gruber CE, Bordi L, Lalle E, Quartu S, Meschi S, Lapa D, Colavita F, Chiappini R, Mazzarelli A, Marsella P, Petrosillo N, Nicastrì E, Chillemi G, Valentini A, Desideri A, Di Caro A, Ippolito G, Capobianchi MR. Molecular Characterization of the First Ebola Virus Isolated in Italy, from a Health Care Worker Repatriated from Sierra Leone. *Genome Announc*. 2015 Jun 18;3(3). pii: e00639-15. doi: 10.1128/genomeA.00639-15.
- 55: Antinori A, Andreoni M, Perno CF, Lazzarin A; HEFFICON Study Group. HEFFICON: HIV Effectiveness Italian Conference. *New Microbiol*. 2015 Apr;38(2):149-84.
- 56: Cingolani A, Zona S, Girardi E, Cozzi-Lepri A, Monno L, Quiros Roldan E, Guaraldi G, Antinori A, D'Arminio Monforte A, Marcotullio S; Community-Oriented Study Group of the Icona Foundation Study Group. Incidence and factors associated with the risk of sexually transmitted diseases in HIV-infected people seen for care in Italy: data from the Icona Foundation cohort. *HIV Med*. 2015 Aug;16(7):412-20. doi: 10.1111/hiv.12226. Epub 2015 May 11.
- 57: Di Caro A, Puro V, Fusco FM, Capobianchi MR, Ippolito G; INMI Preparedness and Response Group. Hospital preparedness for knowledge-based response to Ebola and other emerging infectious diseases: A continuous challenge. *Eur J Intern Med*. 2015 Jul;26(6):454-5. doi: 10.1016/j.ejim.2015.04.012.
- 58: Bandera A, Gori A, Sabbatini F, Madeddu G, Bonora S, Libertone R, Mastroianni C, Bonfanti P, d'Arminio Monforte A, Cozzi-Lepri A; Icona Foundation Study Group. Evaluation of the Prognostic Value of Impaired Renal Function on Clinical Progression in a Large Cohort of HIV-Infected People Seen for Care in Italy. *PLoS One*. 2015 May 1;10(5):e0124252. doi: 10.1371/journal.pone.0124252
- 59: Busi Rizzi E, Puro V, Schinina' V, Nicastrì E, Petrosillo N, Ippolito G. Radiographic imaging in Ebola Virus Disease: protocol to acquire chest radiographs. *Eur Radiol*. 2015 Nov;25(11):3368-71. doi: 10.1007/s00330-015-3748-6.
- 60: Mocroft A, Lundgren JD, Ross M, Law M, Reiss P, Kirk O, Smith C, Wentworth D, Neuhaus J, Fux CA, Moranne O, Morlat P, Johnson MA, Ryom L; D:A:D study group; Royal Free Hospital Clinic Cohort; INSIGHT study group; SMART study group; ESPRIT study group. Development and validation of a risk score for chronic kidney disease in HIV infection using prospective cohort data from the D:A:D study. *PLoS Med*. 2015 Mar 31;12(3):e1001809. doi: 10.1371/journal.pmed.1001809..
- 61: Di Caro A, Puro V, Fusco FM, Capobianchi MR, Lanini S, Lauria FN, Meschi S, Nisii C, Petrosillo N, Nicastrì E, Pittalis S, Travaglini D, Vairo F, Ippolito G. The added value of long-lasting preparedness for the management of a patient with Ebola. *Eur J Intern Med*. 2015 Jul;26(6):451-2. doi: 10.1016/j.ejim.2015.03.005.

- 62: Bruyand M, Ryom L, Shepherd L, Fatkenheuer G, Grulich A, Reiss P, de Wit S, D'Arminio Monforte A, Furrer H, Pradier C, Lundgren J, Sabin C; D:A:D study group. Cancer risk and use of protease inhibitor or nonnucleoside reverse transcriptase inhibitor-based combination antiretroviral therapy: the D: A: D study. *J Acquir Immune Defic Syndr*. 2015 Apr 15;68(5):568-77. doi: 10.1097/QAI.0000000000000523.
- 63: Armenia D, Fabeni L, Alteri C, Di Pinto D, Di Carlo D, Bertoli A, Gori C, Carta S, Fedele V, Forbici F, D'Arrigo R, Svicher V, Berno G, Pizzi D, Nicastrì E, Sarmati L, Pinnetti C, Ammassari A, D'Offizi G, Latini A, Andreoni M, Antinori A, Ceccherini-Silberstein F, Perno CF, Santoro MM. HIV-1 integrase genotyping is reliable and reproducible for routine clinical detection of integrase resistance mutations even in patients with low-level viraemia. *J Antimicrob Chemother*. 2015;70(6):1865-73. doi: 10.1093/jac/dkv029.
- 64: Libertone R, Lorenzini P, Balestra P, Pinnetti C, Ricottini M, Plazzi MM, Menichetti S, Zaccarelli M, Nicastrì E, Bellagamba R, Ammassari A, Antinori A. Central nervous system penetration-effectiveness rank does not reliably predict neurocognitive impairment in HIV-infected individuals. *J Int AIDS Soc*. 2014 Nov 2;17(4 Suppl 3):19655. doi: 10.7448/IAS.17.4.19655.
- 65: d'Arminio Monforte A, Galli L, Lo Caputo S, Lichtner M, Pinnetti C, Bobbio N, Francisci D, Costantini A, Cingolani A, Castelli F, Girardi E, Castagna A; ICONA Foundation Study Group. Pregnancy outcomes among ART-naïve and ART-experienced HIV-positive women: data from the ICONA foundation study group, years 1997-2013. *J Acquir Immune Defic Syndr*. 2014 Nov 1;67(3):258-67. doi: 10.1097/QAI.0000000000000297.
- 66: Lichtner M, Cicconi P, Vita S, Cozzi-Lepri A, Galli M, Lo Caputo S, Saracino A, De Luca A, Moioli M, Maggiolo F, Marchetti G, Vullo V, d'Arminio Monforte A; ICONA Foundation Study. Cytomegalovirus coinfection is associated with an increased risk of severe non-AIDS-defining events in a large cohort of HIV-infected patients. *J Infect Dis*. 2015 Jan 15;211(2):178-86. doi:10.1093/infdis/jiu417..
- 67: Rozera G, Abbate I, Giombini E, Castagna A, De Luca A, Ceccherini-Silberstein F, Cozzi Lepri A, Cassola G, Torti C, d'Arminio Monforte A, Ippolito G, Capobianchi MR; ICONA Foundation Group. Evolution of HIV-1 tropism at quasispecies level after 5 years of combination antiretroviral therapy in patients always suppressed or experiencing episodes of virological failure. *J Antimicrob Chemother*. 2014 Nov;69(11):3085-94.
- 68: Petoumenos K, Reiss P, Ryom L, Rickenbach M, Sabin CA, El-Sadr W, d'Arminio Monforte A, Phillips AN, De Wit S, Kirk O, Dabis F, Pradier C, Lundgren JD, Law MG; D:A:D study group. Increased risk of cardiovascular disease (CVD) with age in HIV-positive men: a comparison of the D:A:D CVD risk equation and general population CVD risk equations. *HIV Med*. 2014 Nov;15(10):595-603. doi: 10.1111/hiv.12162.
- 69: Corpolongo A, Giancola ML, Ghirga P, Oliva A, Mencarini P, Pane S, Bellagamba R, Tommasi C, Antinori A, Nicastrì E. An imported case of acute pulmonary coccidioidomycosis in an Italian traveller. *Infection*. 2014 Oct;42(5):921-4. doi: 10.1007/s15010-014-0614-4. Epub 2014 Apr 26.

- 70: Kamara DA, Ryom L, Ross M, Kirk O, Reiss P, Morlat P, Moranne O, Fux CA, Mocroft A, Sabin C, Lundgren JD, Smith CJ; D:A:D study Group. Development of a definition for Rapid Progression (RP) of renal function in HIV-positive persons: the D:A:D study. *BMC Nephrol*. 2014 Mar 25;15:51. doi: 10.1186/1471-2369-15-51. PubMed PMID: 24666792.
- 71: Lanini S, Capobianchi MR, Puro V, Filia A, Del Manso M, Karki T, Nicoletti L, Magurano F, Derrough T, Severi E, Bonfigli S, Lauria F, Ippolito G, Vellucci L, Pompa MG; Central task force for measles outbreak. Measles outbreak on a cruise ship in the western Mediterranean, February 2014, preliminary report. *Euro Surveill*. 2014 Mar 13;19(10). pii: 20735.
- 72: Tempestilli M, Elisei F, Cimini E, D'Avolio A, Grassi G, Nicastrì E, Narciso P, Martini F, Alonzi T, Paolo Pucillo L. Low-density lipoprotein and ritonavir: an interaction between antiretrovirals and lipids mediated by P-glycoprotein. *J Antimicrob Chemother*. 2014 Jul;69(7):1760-6. doi: 10.1093/jac/dku066.
- 73: Vairo F, Nicastrì E, Yussuf SM, Cannas A, Meschi S, Mahmoud MA, Mohamed AH, Maiko PM, De Nardo P, Bevilacqua N, Castillettì C, Di Caro A, Racalbutò V, Ippolito G. IgG against dengue virus in healthy blood donors, Zanzibar, Tanzania. *Emerg Infect Dis*. 2014 Mar;20(3):465-8. doi: 10.3201/eid2003.130150.
- 74: Santoro MM, Fabeni L, Armenia D, Alteri C, Di Pinto D, Forbici F, Bertoli A, Di Carlo D, Gori C, Carta S, Fedele V, D'Arrigo R, Berno G, Ammassari A, Pinnettì C, Nicastrì E, Latini A, Tommasi C, Boumis E, Petrosillo N, D'Offizi G, Andreoni M, Ceccherini-Silberstein F, Antinori A, Perno CF. Reliability and clinical relevance of the HIV-1 drug resistance test in patients with low viremia levels. *Clin Infect Dis*. 2014 Apr;58(8):1156-64. doi: 10.1093/cid/ciu020.
- 75: Meini G, Rossetti B, Bianco C, Ceccherini-Silberstein F, Di Giambenedetto S, Sighinolfi L, Monno L, Castagna A, Rozera G, D'Arminio Monforte A, Zazzi M, De Luca A; ICONA Foundation Group. Longitudinal analysis of HIV-1 coreceptor tropism by single and triplicate HIV-1 RNA and DNA sequencing in patients undergoing successful first-line antiretroviral therapy. *J Antimicrob Chemother*. 2014 Mar;69(3):735-41. doi: 10.1093/jac/dkt426.
- 76: Scognamiglio P, Chiaradia G, De Carli G, Giuliani M, Mastroianni CM, Aviani Barbacci S, Buonomini AR, Grisetti S, Sampaolesi A, Corpolongo A, Orchi N, Puro V, Ippolito G, Girardi E; SENDIH Study Group. The potential impact of routine testing of individuals with HIV indicator diseases in order to prevent late HIV diagnosis. *BMC Infect Dis*. 2013 Oct 10;13:473. doi: 10.1186/1471-2334-13-473.
- 77: Pan A, De Angelis G, Nicastrì E, Sganga G, Tacconelli E. Topical negative pressure to treat surgical site infections, with a focus on post-sternotomy infections: a systematic review and meta-analysis. *Infection*. 2013 Dec;41(6):1129-35. doi: 10.1007/s15010-013-0536-6.
- 78: Vairo F, Nicastrì E, Liuzzi G, Chaula Z, Nguhuni B, Bevilacqua N, Forbici F, Amendola A, Fabeni L, De Nardo

P, Perno CF, Cannas A, Sakhoo C, Capobianchi MR, Ippolito G; AMANI Study Group. HIV-1 drug resistance in recently HIV-infected pregnant mother's naïve to antiretroviral therapy in Dodoma urban, Tanzania. *BMC Infect Dis.* 2013 Sep 21;13:439. doi: 10.1186/1471-2334-13-439.

79: Cannas A, Paglia MG, Sakhoo DC, Vairo F, Doulla B, Nguhuni B, Chaula Z, Mlumba R, Mirrione M, Bevilacqua N, Nicastrì E, De Nardo P, Meschi S, Girardi E, Racalbutto V, Ippolito G. Strengthening tuberculosis diagnosis in a low-resource setting: experience learned in Dodoma, Tanzania. *J Infect Dev Ctries.* 2013 Sep 16;7(9):676-9. doi: 10.3855/jidc.3366.

80: d'Arminio Monforte A, Gianotti N, Cozzi-Lepri A, Pinnetti C, Andreoni M, di Perri G, Galli M, Poli A, Costantini A, Orofino G, Maggiolo F, Mazzarello G, Celesia BM, Luciani F, Lazzarin A, Sighinolfi L, Rizzardini G, Bonfanti P, Perno CF, Antinori A; ICONA Foundation Cohort. Durability of lopinavir/ritonavir monotherapy in individuals with viral load  $\leq 50$  copies/ml in an observational setting. *Antivir Ther.* 2014;19(3):319-24. doi: 10.3851/IMP2687.

81: Lapadula G, Cozzi-Lepri A, Marchetti G, Antinori A, Chiodera A, Nicastrì E, Parruti G, Galli M, Gori A, Monforte Ad; ICONA Foundation Study. Risk of clinical progression among patients with immunological nonresponse despite virological suppression after combination antiretroviral treatment. *AIDS.* 2013 Mar 13;27(5):769-79. doi: 10.1097/QAD.0b013e32835cb747.

82: Tempestilli M, Gentilotti E, Tommasi C, Nicastrì E, Martini F, De Nardo P, Narciso P, Pucillo LP. Determination of P-glycoprotein surface expression and functional ability after in vitro treatment with darunavir or raltegravir in lymphocytes of healthy donors. *Int Immunopharmacol.* 2013 Aug;16(4):492-7. doi: 10.1016/j.intimp.2013.05.003.

83: Santoro MM, Sabin C, Forbici F, Bansi L, Dunn D, Fearnhill E, Boumis E, Nicastrì E, Antinori A, Palamara G, Callegaro A, Francisci D, Zoncada A, Maggiolo F, Zazzi M, Perno CF, Ceccherini-Silberstein F, Mussini C. Drug-resistance development differs between HIV-1-infected patients failing first-line antiretroviral therapy containing nonnucleoside reverse transcriptase inhibitors with and without thymidine analogues. *HIV Med.* 2013 Oct;14(9):571-7. doi: 10.1111/hiv.12044.

84: De Nardo P, Giancola ML, Noto S, Gentilotti E, Ghirga P, Tommasi C, Bellagamba R, Paglia MG, Nicastrì E, Antinori A, Corpolongo A. Left thigh phlegmon caused by *Nocardia farcinica* identified by 16S rRNA sequencing in a patient with leprosy: a case report. *BMC Infect Dis.* 2013 Apr 4;13:162. doi: 10.1186/1471-2334-13-162.

85: De Nardo P, Oliva A, Giancola ML, Ghirga P, Mencarini P, Bibas M, Nicastrì E, Antinori A, Corpolongo A. Haemolytic anaemia after oral artemether-lumefantrine treatment in a patient affected by severe imported falciparum malaria. *Infection.* 2013 Aug;41(4):863-5. doi: 10.1007/s15010-013-0451-x

86: De Nardo P, Bellagamba R, Corpolongo A, Gentilotti E, Taglietti F, Rosati S, Galeazzi M, Sebastiani GD, Quinti I, Nicastrì E. Septic shock after seasonal influenza vaccination in an HIV-infected patient during treatment

with etanercept for rheumatoid arthritis: a case report. *Clin Vaccine Immunol.* 2013 May;20(5):761-4. doi: 10.1128/CVI.00081-13. Epub 2013 Mar 6

87: Santoro MM, Armenia D, Alteri C, Flandre P, Calcagno A, Santoro M, Gori C, Fabeni L, Bellagamba R, Borghi V, Forbici F, Latini A, Palamara G, Libertone R, Tozzi V, Boumis E, Tommasi C, Pinnetti C, Ammassari A, Nicastrì E, Buonomini A, Svicher V, Andreoni M, Narciso P, Mussini C, Antinori A, Ceccherini-Silberstein F, Di Perri G, Perno CF. Impact of pre-therapy viral load on virological response to modern first-line HAART. *Antivir Ther.* 2013;18(7):867-76. doi: 10.3851/IMP2531.

88: Efsen AM, Panteleev AM, Grint D, Podlekareva DN, Vassilenko A, Rakhmanova A, Zeltina I, Losso MH, Miller RF, Girardi E, Caylá J, Post FA, Miro JM, Bruyand M, Furrer H, Obel N, Lundgren JD, Mocroft A, Kirk O; HIV/TB Study Group. TB meningitis in HIV-positive patients in Europe and Argentina: clinical outcome and factors associated with mortality. *Biomed Res Int.* 2013;2013:373601. doi: 10.1155/2013/373601.

89: Nicastrì E. Probable imported rather than autochthonous *Plasmodium vivax* cases in Italy. *Euro Surveill.* 2012 Dec 13;17(50):pii:20338; author reply pii:20339..

90: Paglia MG, Bevilacqua N, Haji HS, Vairo F, Girardi E, Nicastrì E, Muhsin J, Racalbutto V, Jiddawi MS, Ippolito G. Improvement of tuberculosis laboratory capacity on Pemba Island, Zanzibar: a health cooperation project. *PLoS One.* 2012;7(8):e44109. doi: 10.1371/journal.pone.0044109. Epub 2012 Aug 27.

91: Nicastrì E, Dori L, Buonomini AR, Tommasi C, De Nardo P, Bellagamba R, Corpolongo A, Montano M, Sordillo P, Volpi A, Sarmati L, Andreoni M. HIV neutralizing antibody titer during structured treatment interruption of highly active antiretroviral therapy. *AIDS.* 2012 Jul 17;26(11):1451-2. doi: 10.1097/QAD.0b013e3283550b47.

92: Nicastrì E, Ivanovic J, Signore F, Tempestilli M, Bellagamba R, Viscione M, Pisani G, Vallone C, Tommasi C, Gallo AL, De Nardo P, Pucillo PL, Narciso P. Antiretroviral therapeutic drug monitoring in HIV-infected pregnant women: maternal immunovirological outcome at delivery and during the 18 month follow-up period. *Curr HIV Res.* 2012 Oct;10(7):606-13.

93: De Nardo P, Viscione M, Corpolongo A, Bellagamba R, Vennarecci G, Ettore GM, Gentilotti E, Tommasi C, Nicastrì E. Treatment of Recurrent Hepatocellular Carcinoma with Sorafenib in a HIV/HCV Co-Infected patient in HAART: A Case Report. *Infect Agent Cancer.* 2012 Jun 28;7(1):15. doi: 10.1186/1750-9378-7-15.

94: Ippolito G, Feldmann H, Lanini S, Vairo F, Di Caro A, Capobianchi MR, Nicastrì E. Viral hemorrhagic fevers: advancing the level of treatment. *BMC Med.* 2012 Mar 29;10:31. doi: 10.1186/1741-7015-10-31.

95: Corpolongo A, De Nardo P, Ghirga P, Gentilotti E, Bellagamba R, Tommasi C, Paglia MG, Nicastrì E, Narciso P. Haemolytic anaemia in an HIV-infected patient with severe falciparum malaria after treatment with oral

artemether-lumefantrine. *Malar J.* 2012 Mar 27;11:91. doi: 10.1186/1475-2875-11-91.

96: Mammone A, Pezzotti P, Angeletti C, Orchi N, Carboni A, Navarra A, Sciarrone MR, Sias C, Puro V, Guasticchi G, Ippolito G, Borgia P, Girardi E; SENDIH Study Group. HIV incidence estimate combining HIV/AIDS surveillance, testing history information and HIV test to identify recent infections in Lazio, Italy. *BMC Infect Dis.* 2012 Mar 20;12:65. doi: 10.1186/1471-2334-12-65.

97: Bevilacqua N, Pane S, Vairo F, Nicastrì E, Paglia MG, Ame SM, Schepisi MS, Kitua A, Mangi S, Racalbutto V, Meschi S, Ippolito G. Accuracy of indirect haemagglutination and western blot assays for the detection of anti-*Schistosoma* antibodies in non-severe febrile patients in two Tanzanian hospitals. *Scand J Infect Dis.* 2012 Jun;44(6):453-8. doi: 10.3109/00365548.2011.645505.

98: Vairo F, Nicastrì E, Meschi S, Schepisi MS, Paglia MG, Bevilacqua N, Mangi S, Sciarrone MR, Chiappini R, Mohamed J, Racalbutto V, Di Caro A, Capobianchi MR, Ippolito G. Seroprevalence of dengue infection: a cross-sectional survey in mainland Tanzania and on Pemba Island, Zanzibar. *Int J Infect Dis.* 2012 Jan;16(1):e44-6. doi: 10.1016/j.ijid.2011.09.018.

99: Paglia MG, Vairo F, Bevilacqua N, Ghirga P, Narciso P, Severini C, Nicastrì E. Molecular diagnosis and species identification of imported malaria in returning travellers in Italy. *Diagn Microbiol Infect Dis.* 2012 Feb;72(2):175-80. doi: 10.1016/j.diagmicrobio.2011.09.013.

100: Nicastrì E, Tommasi C, Abbate I, Bonora S, Tempestilli M, Bellagamba R, Viscione M, Rozera G, Gallo AL, Ivanovic J, Amendola A, Pucillo L, Di Perri G, Capobianchi MR, Narciso P. Effect of raltegravir on the total and unintegrated proviral HIV DNA during raltegravir-based HAART. *Antivir Ther.* 2011;16(6):797-803. doi: 10.3851/IMP1833.

101: Abbate I, Rozera G, Giombini E, D'Offizi G, Nicastrì E, Narciso P, Ippolito G, Capobianchi MR. Deep sequencing of plasma and proviral HIV-1 to establish coreceptor usage: what is the clinical impact of the quasispecies distribution? *J Infect Dis.* 2011 Sep 15;204(6):971-3; author reply 973-4. doi: 10.1093/infdis/jir427. PubMed PMID: 21849294.

102: Tommasi C, Bellagamba R, Tempestilli M, D'Avolio A, Gallo AL, Ivanovic J, Nicastrì E, Pucillo LP, Narciso P. Marked increase in etravirine and saquinavir plasma concentrations during atovaquone/proguanil prophylaxis. *Malar J.* 2011 May 21;10:141. doi: 10.1186/1475-2875-10-141.

103: Parisi SG, Boldrin C, Andreis S, Ferretto R, Fuser R, Malena M, Manfrin V, Panese S, Scaggiante R, Dori L, Sarmati L, Biasolo MA, Nicastrì E, Andreoni M, Cruciani M, Palù G. KSHV DNA viremia correlates with low CD4+ cell count in Italian males at the time of diagnosis of HIV infection. *J Med Virol.* 2011 Mar;83(3):384-90. doi: 10.1002/jmv.21987.

104: Franzetti F, Antonelli M, Bassetti M, Blasi F, Langer M, Scaglione F, Nicastrì E, Lauria FN, Carosi G, Moroni M, Ippolito G; GISIG (Gruppo Italiano di Studio sulle Infezioni Gravi) Working Group on Hospital-Associated



Pneumonia. Consensus document on controversial issues for the treatment of hospital-associated pneumonia. *Int J Infect Dis.* 2010 Oct;14 Suppl 4:S55-65. doi: 10.1016/j.ijid.2010.05.008.

105: Pan A, Cauda R, Concia E, Esposito S, Sganga G, Stefani S, Nicastrì E, Lauria FN, Carosi G, Moroni M, Ippolito G; GISIG (Gruppo Italiano di Studio sulle Infezioni Gravi) Working Group on Complicated Skin and Skin-Structure Infections. Consensus document on controversial issues in the treatment of complicated skin and skin-structure infections. *Int J Infect Dis.* 2010 Oct;14 Suppl 4:S39-53. doi: 10.1016/j.ijid.2010.05.007.

106: Ippolito G, Leone S, Lauria FN, Nicastrì E, Wenzel RP. Methicillin-resistant *Staphylococcus aureus*: the superbug. *Int J Infect Dis.* 2010 Oct;14 Suppl 4:S7-11. doi: 10.1016/j.ijid.2010.05.003.

107: Arlotti M, Grossi P, Pea F, Tomei G, Vullo V, De Rosa FG, Di Perri G, Nicastrì E, Lauria FN, Carosi G, Moroni M, Ippolito G; GISIG (Gruppo Italiano di Studio sulle Infezioni Gravi) Working Group on Brain Abscesses. Consensus document on controversial issues for the treatment of infections of the central nervous system: bacterial brain abscesses. *Int J Infect Dis.* 2010 Oct;14 Suppl 4:S79-92. doi: 10.1016/j.ijid.2010.05.010.

108: Boumis E, Gesu G, Menichetti F, Ranieri M, Rinaldi M, Suter F, Nicastrì E, Lauria FN, Carosi G, Moroni M, Ippolito G; GISIG (Gruppo Italiano di Studio sulle Infezioni Gravi) Working Group on Bloodstream Infections and Endocarditis. Consensus document on controversial issues in the diagnosis and treatment of bloodstream infections and endocarditis. *Int J Infect Dis.* 2010 Oct;14 Suppl 4:S23-38. doi: 10.1016/j.ijid.2010.05.006.

109: Leone S, Borrè S, Monforte Ad, Mordente G, Petrosillo N, Signore A, Venditti M, Viale P, Nicastrì E, Lauria FN, Carosi G, Moroni M, Ippolito G; GISIG (Gruppo Italiano di Studio sulle Infezioni Gravi) Working Group on Prosthetic Joint Infections. Consensus document on controversial issues in the diagnosis and treatment of prosthetic joint infections. *Int J Infect Dis.* 2010 Oct;14 Suppl 4:S67-77. doi: 10.1016/j.ijid.2010.05.005.

110: Lauria FN, De Carli G, Nicastrì E. Resistant and multi-resistant Gram-positive severe infections: the GISIG working methodology. *Int J Infect Dis.* 2010 Oct;14 Suppl 4:S13-7. doi: 10.1016/j.ijid.2010.05.004.

111: Abbate I, Rozera G, Tommasi C, Bruselles A, Bartolini B, Chillemi G, Nicastrì E, Narciso P, Ippolito G, Capobianchi MR. Analysis of co-receptor usage of circulating viral and proviral HIV genome quasispecies by ultra-deep pyrosequencing in patients who are candidates for CCR5 antagonist treatment. *Clin Microbiol Infect.* 2011 May;17(5):725-31. doi: 10.1111/j.1469-0691.2010.03350.x.

112: Ippolito G, Carosi G, Moroni M, Nicastrì E, Lauria FN, Mazzotta F, Goglio A, Pea F, Blasi F, Fortina G, Rossano F. A multi-society position paper on the prevention and management of nosocomial and severe infections: the Italian Society for Infectious Diseases, the Italian Multidisciplinary Society of Hospital Infections, the Italian Society of Chemotherapy, the Italian Society of Respiratory Medicine, the Italian Society of Clinical Microbiology, the Italian Society of Microbiology, and GISIG (Italian Study Group on Severe Infections). *Int J Infect Dis.* 2010 Oct;14 Suppl 4:S93-4. doi: 10.1016/j.ijid.2010.06.001.

113: Meschi S, Schepisi MS, Nicastrì E, Bevilacqua N, Castilletti C, Sciarrone MR, Paglia MG, Fumakule R, Mohamed J, Kitwa A, Mangi S, Molteni F, Di Caro A, Vairo F, Capobianchi MR, Ippolito G. The prevalence of antibodies to human herpesvirus 8 and hepatitis B virus in patients in two hospitals in Tanzania. *J Med Virol.* 2010 Sep;82(9):1569-75. doi: 10.1002/jmv.21852.

114: Sarmati L, Parisi SG, Andreoni C, Nicastrì E, Buonomini AR, Boldrin C, Dori L, Montano M, Tommasi C, Andreis S, Vullo V, Palù G, Andreoni M. Switching of inferred tropism caused by HIV during interruption of antiretroviral therapy. *J Clin Microbiol.* 2010 Jul;48(7):2586-8. doi: 10.1128/JCM.02125-09.

115: Tommasi C, Tempestilli M, Fezza R, Bellagamba R, Nicastrì E, D'offizi G, Pucillo LP, Narciso P. A rare case of severe myopathy associated with etravirine use. *AIDS.* 2010 Apr 24;24(7):1088-90. doi: 10.1097/QAD.0b013e3283382f65.

116: Ivanovic J, Bellagamba R, Nicastrì E, Signore F, Vallone C, Tempestilli M, Tommasi C, Mazzitelli L, Narciso P. Use of darunavir/ritonavir once daily in treatment-naïve pregnant woman: pharmacokinetics, compartmental exposure, efficacy and safety. *AIDS.* 2010 Apr 24;24(7):1083-4. doi: 10.1097/QAD.0b013e32833653b2.

117: Tommasi C, Ceccherini-Silberstein F, D'Arrigo R, Bellagamba R, Tempestilli M, Dessì C, Santoro MM, Forbici F, Nicastrì E, Pucillo LP, Perno CF, Narciso P. Use of novel antiretroviral agents in rescue regimens: a case of early virological failure to raltegravir. *Scand J Infect Dis.* 2010 Mar;42(3):237-9. doi: 10.3109/00365540903447018.

- 118: Rozera G, Abbate I, Bruselles A, Bartolini B, D'Offizi G, Nicastrì E, Tommasi C, Capobianchi MR. Comparison of real-time PCR methods for measurement of HIV-1 proviral DNA. *J Virol Methods*. 2010 Mar;164(1-2):135-8. doi: 10.1016/j.jviromet.2009.11.031.
- 119: Ivanovic J, Nicastrì E, Anceschi MM, Ascenzi P, Signore F, Pisani G, Vallone C, Mattia E, Notari S, Tempestilli M, Pucillo LP, Narciso P; Pregnancy And Newborn Clinical Outcome Group in HIV Infection (PANCOH). Transplacental transfer of antiretroviral drugs and newborn birth weight in HIV-infected pregnant women. *Curr HIV Res*. 2009 Nov;7(6):620-5.
- 120: Leone S, Nicastrì E, Giglio S, Narciso P, Ippolito G, Acone N. Immune reconstitution inflammatory syndrome associated with *Mycobacterium tuberculosis* infection: a systematic review. *Int J Infect Dis*. 2010 Apr;14(4):e283-91. doi: 10.1016/j.ijid.2009.05.016.
- 121: Alteri C, Svicher V, Gori C, D'Arrigo R, Ciccozzi M, Ceccherini-Silberstein F, Sella M, Bardacci SA, Giuliani M, Elia P, Scognamiglio P, Balzano R, Orchi N, Girardi E, Perno CF; SENDIH Study Group. Characterization of the patterns of drug-resistance mutations in newly diagnosed HIV-1 infected patients naïve to the antiretroviral drugs. *BMC Infect Dis*. 2009 Jul 16;9:111. doi: 10.1186/1471-2334-9-111.
- 122: Lanini S, Jarvis WR, Nicastrì E, Privitera G, Gesu G, Marchetti F, Giuliani L, Piselli P, Puro V, Nisii C, Ippolito G; INF-NOS Study Group (Gruppo Italiano per lo Studio delle Infezioni Noscomiali). Healthcare-associated infection in Italy: annual point-prevalence surveys, 2002-2004. *Infect Control Hosp Epidemiol*. 2009 Jul;30(7):659-65. doi: 10.1086/597596. Erratum in: *Infect Control Hosp Epidemiol*. 2009 Oct;30(10):1029.
- 123: Petrone A, Rizzi EB, Schininà V, Cristofaro M, Ivanovic J, Bellagamba R, Fracasso L, Nicastrì E, Narciso P, Bibbolino C. Sonographic assessment of facial HIV-related lipoatrophy. *Dermatol Surg*. 2009 Jul;35(7):1066-72. doi: 10.1111/j.1524-4725.2009.01184.x.
- 124: Nicastrì E, Bevilacqua N, Sañé Schepisi M, Paglia MG, Meschi S, Ame SM, Mohamed JA, Mangi S, Fumakule R, Di Caro A, Capobianchi MR, Kitua A, Molteni F, Racalbuto V, Ippolito G. Accuracy of malaria diagnosis by microscopy, rapid diagnostic test, and PCR methods and evidence of antimalarial overprescription in non-severe febrile patients in two Tanzanian hospitals. *Am J Trop Med Hyg*. 2009 May;80(5):712-7.
- 125: Notari S, Tommasi C, Nicastrì E, Bellagamba R, Tempestilli M, Pucillo LP, Narciso P, Ascenzi P. Simultaneous determination of maraviroc and raltegravir in human plasma by HPLC-UV. *IUBMB Life*. 2009 Apr;61(4):470-5. doi: 10.1002/iub.181
- 126: Zaccarelli M, Lorenzini P, Tozzi V, Forbici F, Ceccherini-Silberstein F, Gori C, D'Arrigo R, Trotta MP, Narciso P, Perno CF, Antinori A; Collaborative Group for Clinical Use of the HIV Genotype Resistance Test (GRT) at the National Institute for Infectious Diseases "Lazzaro Spallanzani". Effect of suppressing HIV viremia on the HIV progression of patients undergoing a genotype resistance test after treatment failure. *Infection*. 2009 Jun;37(3):203-9. doi: 10.1007/s15010-008-8142-8.
- 127: Leone S, Nicastrì E, Giglio S, Corpolongo A, Narciso P, Acone N. [Tuberculosis-associated immune reconstitution inflammatory syndrome]. *Infez Med*. 2008 Dec;16(4):193-9.
- 128: Bonora S, Nicastrì E, Calcagno A, Gonzalez de Requena D, D'Ettorre G, Sarmati L, Palmisano L, Vullo V, Di Perri G, Andreoni M. Ultrasensitive assessment of residual HIV viraemia in HAART-treated patients with persistently undetectable plasma HIV-RNA: a cross-sectional evaluation. *J Med Virol*. 2009 Mar;81(3):400-5. doi: 10.1002/jmv.21405.
- 129: Sarmati L, Andreoni C, Nicastrì E, Tommasi C, Buonomini A, D'Ettorre G, Corpolongo A, Dori L, Montano M, Volpi A, Narciso P, Vullo V, Andreoni M. Prognostic factors of long-term CD4+count-guided interruption of antiretroviral treatment. *J Med Virol*. 2009 Mar;81(3):481-7. doi: 10.1002/jmv.21424. PubMed
- 130: Nicastrì E, Leone S, Petrosillo N, Ballardini M, Pisanelli C, Magrini P, Cerquetani F, Ippolito G, Comandini E, Narciso P, Meledandri M. Decrease of methicillin resistant *Staphylococcus aureus* prevalence after introduction of a surgical antibiotic prophylaxis protocol in an Italian hospital. *New Microbiol*. 2008 Oct;31(4):519-25.
- 131: Tommasi C, Equitani F, Masala M, Ballardini M, Favaro M, Meledandri M, Fontana C, Narciso P, Nicastrì E.

Diagnostic difficulties of *Lactobacillus casei* bacteraemia in immunocompetent patients: a case report. *J Med Case Rep.* 2008 Sep 30;2:315. doi: 10.1186/1752-1947-2-315.

132: Nicastrì E, Narciso P, Andreoni M. Initial treatment of HIV-1 infection. *N Engl J Med.* 2008 Aug 28;359(9):970-1; author reply 971.

133: Ivanovic J, Nicastrì E, Ascenzi P, Bellagamba R, De Marinis E, Notari S, Pucillo LP, Tozzi V, Ippolito G, Narciso P. Therapeutic drug monitoring in the management of HIV-infected patients. *Curr Med Chem.* 2008;15(19):1925-39.

134: Nicastrì E, Paglia MG, Severini C, Ghirga P, Bevilacqua N, Narciso P. *Plasmodium falciparum* multiple infections, disease severity and host characteristics in malaria affected travellers returning from Africa. *Travel Med Infect Dis.* 2008 Jul;6(4):205-9. doi: 10.1016/j.tmaid.2008.01.001.

135: Tozzi V, Bellagamba R, Castiglione F, Amendola A, Ivanovic J, Nicastrì E, Libertone R, D'Offizi G, Liuzzi G, Gori C, Forbici F, D'Arrigo R, Bertoli A, Salvatori MF, Capobianchi MR, Antinori A, Perno CF, Narciso P. Plasma HIV RNA decline and emergence of drug resistance mutations among patients with multiple virologic failures receiving resistance testing-guided HAART. *AIDS Res Hum Retroviruses.* 2008 Jun;24(6):787-96. doi: 10.1089/aid.2007.0236.

136: Nicastrì E, Palmisano L, Sarmati L, D'Ettorre G, Parisi S, Andreotti M, Buonomini A, Pirillo FM, Narciso P, Bellagamba R, Vullo V, Montano M, Di Perri G, Andreoni M. HIV-1 residual viremia and proviral DNA in patients with suppressed plasma viral load (<400 HIV-RNA cp/ml) during different antiretroviral regimens. *Curr HIV Res.* 2008 May;6(3):261-6.

137: Orchi N, Balzano R, Scognamiglio P, Navarra A, De Carli G, Elia P, Grisetti S, Sampaolesi A, Giuliani M, De Filippis A, Puro V, Ippolito G, Girardi E; SENDIH group. Ageing with HIV: newly diagnosed older adults in Italy. *AIDS Care.* 2008 Apr;20(4):419-25. doi: 10.1080/09540120701867073.

138: Petrosillo N, Drapeau CM, Nicastrì E, Martini L, Ippolito G, Moro ML; ANIPIO. Surgical site infections in Italian Hospitals: a prospective multicenter study. *BMC Infect Dis.* 2008 Mar 7;8:34. doi: 10.1186/1471-2334-8-34.

139: Tommasi C, Nicastrì E, Corpolongo A, Ivanovic J, Notari S, Ascenzi P, Andreoni M, Narciso P. Stopping antiretroviral therapy: role for therapeutic drug monitoring. *AIDS.* 2008 Jan 11;22(2):315-6.

140: Leone S, De Marco M, Ghirga P, Nicastrì E, Lazzari R, Narciso P. Retinopathy in *Rickettsia conorii* infection: case report in an immunocompetent host. *Infection.* 2008 Aug;36(4):384-6.

141: Leone S, De Marco M, Ghirga P, Nicastrì E, Esposito M, Narciso P. Eosinophilic meningitis in a returned traveler from Santo Domingo: case report and review. *J Travel Med.* 2007 Nov-Dec;14(6):407-10.

142: Nicastrì E, Leone S, Angeletti C, Palmisano L, Sarmati L, Chiesi A, Geraci A, Vella S, Narciso P, Corpolongo A, Andreoni M. Sex issues in HIV-1-infected persons during highly active antiretroviral therapy: a systematic review. *J Antimicrob Chemother.* 2007 Oct;60(4):724-32.

143: Drapeau CM, D'Aniello C, Brafa A, Nicastrì E, Silvestri A, Nisi G, Petrosillo N; Italian Group on Surgical Infections in Plastic Surgery. Surgical site infections in plastic surgery: an Italian multicenter study. *J Surg Res.* 2007 Dec;143(2):393-7.

144: Sarmati L, Parisi SG, Nicastrì E, d'Ettorre G, Andreoni C, Dori L, Gatti F, Montano M, Buonomini AR, Boldrin C, Palù G, Vullo V, Andreoni M. Cellular HIV-1 DNA quantitation in patients during simplification therapy with protease inhibitor-sparing regimens. *J Med Virol.* 2007 Jul;79(7):880-6.

145: Fusco FM, Puro V, Di Caro A, Nicastrì E, Carannante N, Faella FS, Barzon L, Di Cesare S, Palù G, Capobianchi MR, Ippolito G. [Cases of Chikungunya fever in Italy in travellers returning from the Indian Ocean and risk of introduction of the disease to Italy]. *Infèz Med.* 2006 Dec;14(4):238-45.

146: Spinazzola F, Nicastrì E, Vlassi C, Ghirga P, De Marco M, Pittalis S, Paglia MG, Ferrari C, Narciso P. Imported malaria at Italy's National Institute for Infectious Diseases Lazzaro Spallanzani, 1984-2003. *Eur J Clin*

Microbiol Infect Dis. 2007 Mar;26(3):175-9.

147: Pittalis S, Nicastrì E, Spinazzola F, Ghirga P, De Marco M, Paglia MG, Narciso P. Leishmania infantum leishmaniasis in corticosteroid--treated patients. BMC Infect Dis. 2006 Dec 18;6:177.

148: Sarmati L, Parisi SG, Nicastrì E, d'Ettorre G, Palmisano L, Andreotti M, Andreoni C, Giuliano M, Gatti F, Boldrin C, Palù G, Vullo V, Vella S, Andreoni M. Association between cellular human immunodeficiency virus DNA level and immunological parameters in patients with undetectable plasma viremia level during highly active antiretroviral therapy. J Clin Microbiol. 2005 Dec;43(12):6183-5.

149: Paone G, Nicastrì E, Lucantoni G, Dello Iacono R, Battistoni P, D'Angeli AL, Galluccio G. Endobronchial ultrasound-driven biopsy in the diagnosis of peripheral lung lesions. Chest. 2005 Nov;128(5):3551-7.

150: Nicastrì E, Vizza CD, Carletti F, Cicalini S, Badagliacca R, Poscia R, Ippolito G, Fedele F, Petrosillo N. Human herpesvirus 8 and pulmonary hypertension. Emerg Infect Dis. 2005 Sep;11(9):1480-2.

151: Palmisano L, Giuliano M, Nicastrì E, Pirillo MF, Andreotti M, Galluzzo CM, Bucciardini R, Fragola V, Andreoni M, Vella S. Residual viraemia in subjects with chronic HIV infection and viral load < 50 copies/ml: the impact of highly active antiretroviral therapy. AIDS. 2005 Nov 4;19(16):1843-7.

152: Petrosillo N, Chinello P, Proietti MF, Cecchini L, Masala M, Franchi C, Venditti M, Esposito S, Nicastrì E. Combined colistin and rifampicin therapy for carbapenem-resistant Acinetobacter baumannii infections: clinical outcome and adverse events. Clin Microbiol Infect. 2005 Aug;11(8):682-3.

153: Nicastrì E, Chiesi A, Angeletti C, Sarmati L, Palmisano L, Geraci A, Andreoni M, Vella S; Italian Antiretroviral Treatment Group (IATG). Clinical outcome after 4 years follow-up of HIV-seropositive subjects with incomplete virologic or immunologic response to HAART. J Med Virol. 2005 Jun;76(2):153-60.

154: Galati V, Serraino D, Puro V, Orchi N, De Carli G, Scognamiglio P, Nicastrì E, Piselli P, Nurra G, Angeletti C, Girardi E, Ippolito G. HIV infection among low-risk first lifetime testers in Rome, 1990-2000. Infection. 2005 Apr;33(2):61-5.

155: Ippolito G, Nicastrì E, Capobianchi M, Di Caro A, Petrosillo N, Puro V. Hospital preparedness and management of patients affected by viral haemorrhagic fever or smallpox at the Lazzaro Spallanzani Institute, Italy. Euro Surveill. 2005 Mar;10(3):36-9.

156: Petrosillo N, Nicastrì E, Viale P. Nosocomial pulmonary infections in HIV-positive patients. Curr Opin Pulm Med. 2005 May;11(3):231-5.

157: Nicastrì E, Angeletti C, Palmisano L, Sarmati L, Chiesi A, Geraci A, Andreoni M, Vella S; Italian Antiretroviral Treatment Group. Gender differences in clinical progression of HIV-1-infected individuals during long-term highly active antiretroviral therapy. AIDS. 2005 Mar 24;19(6):577-83.

158: Ippolito G, Nicastrì E, Capobianchi MR, Di Caro A, Petrosillo N, Puro V. Hospital preparedness and management of patients affected by viral haemorrhagic fever or smallpox at the Lazzaro Spallanzani Institute, Italy. Euro Surveill. 2005 Mar;10(3):1-2. doi: 10.2807/esm.10.03.00523-en.

159: Nicastrì 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.

160: Nicastrì E, Petrosillo N, Puro V. Evidence of airborne transmission of SARS. N Engl J Med. 2004 Aug 5;351(6):609-11; author reply 609-11.

161: Nicastrì E, Viale P, Lyder CH, Cristini F, Martini L, Preziosi G, Dodi F, Irato L, Pan A, Petrosillo N; Gruppo HIV ed Infezioni Ospedaliere. Incidence and risk factors associated with pressure ulcers among patients with HIV infection. Adv Skin Wound Care. 2004 Jun;17(5 Pt 1):226-31.

162: Puro V, Nicastrì E. SARS and the removal of personal protective equipment. CMAJ. 2004 Mar 16;170(6):930.

163: Nicastrì E, Petrosillo N, Martini L, Larosa M, Gesu GP, Ippolito G; INF-NOS Study Group. Prevalence of

nosocomial infections in 15 Italian hospitals: first point prevalence study for the INF-NOS project. *Infection*. 2003 Dec;31 Suppl 2:10-5.

164: Ippolito G, Nicastrì E, Martini L, Petrosillo N. Hospital infection control in Italy. *Infection*. 2003 Dec;31 Suppl 2:4-9.

165: Ippolito G, Nicastrì E. Introductory remarks. Focus on hospital-acquired infections in Italy. *Infection*. 2003 Dec;31 Suppl 2:2-3.

166: Nicastrì E. Brief summary of the legal proceeding. *Scand J Infect Dis Suppl*. 2003;106:105-7.

167: Nicastrì E. The legal proceeding: introduction of the witnesses. *Scand J Infect Dis Suppl*. 2003;106:58-60.

168: Nicastrì E, Ippolito G. Use of genotypic assays for the detection of HIV antiretroviral resistance. *Scand J Infect Dis Suppl*. 2003;106:24-8.

169: Ippolito G, Visco-Comandini U, Nicastrì E. The legal proceeding on the use of genotypic assays for the detection of HIV antiretroviral resistance in Italy: background and rationale for a consensus conference to establish guidelines. *Scand J Infect Dis Suppl*. 2003;106:8-11.

170: Sarmati L, Nicastrì 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.

171: Nicastrì E. Eight days vs 15 days of antibiotics for ventilator-associated pneumonia. *JAMA*. 2004 Feb 18;291(7):820; author reply 820.

172: Nicastrì E, Sarmati L, Dori L, Montano M, d'Ettorre G, Buonomini AR, Parisi SG, Concia E, Vullo V, Andreoni M. Viral growth assay to evaluate the replicative capacity of HIV-1 isolates. *J Virol Methods*. 2004 Feb;115(2):199-205.

173: Froio N, Nicastrì E, Comandini UV, Cherubini C, Felicioni R, Solmone M, Di Giulio S, Petrosillo N. Contamination by hepatitis B and C viruses in the dialysis setting. *Am J Kidney Dis*. 2003 Sep;42(3):546-50.

174: Nicastrì E, Sarmati L, Andreoni M, Parisi SG. Human immunodeficiency virus polymorphisms and zidovudine resistance. *Antimicrob Agents Chemother*. 2003 Aug;47(8):2714; author reply 2714-5

175: Nicastrì E, Petrosillo N, Macrì G, Ippolito G. [Severe acute respiratory syndrome: the first transmissible disease of the 21st century]. *Recenti Prog Med*. 2003 Jul-Aug;94(7-8):295-303.

176: Nicastrì E, Sarmati L, d'Ettorre G, Parisi SG, Palmisano L, Galluzzo C, Montano M, Uccella I, Amici R, Gatti F, Vullo V, Concia E, Vella S, Andreoni M. High prevalence of M184 mutation among patients with viroimmunologic discordant responses to highly active antiretroviral therapy and outcomes after change of therapy guided by genotypic analysis. *J Clin Microbiol*. 2003 Jul;41(7):3007-12.

177: Sarmati L, Nicastrì E, Uccella I, D'Ettorre G, Parisi SG, Palmisano L, Galluzzo C, Concia E, Vullo V, Vella S, Andreoni M. Drug-associated resistance mutations in plasma and peripheral blood mononuclear cells of human immunodeficiency virus type 1-infected patients for whom highly active antiretroviral therapy is failing. *J Clin Microbiol*. 2003 Apr;41(4):1760-2.

178: Nicastrì E, Sarmati L, Andreoni M. Stavudine protective function and emergence of Lamivudine resistance. *Antimicrob Agents Chemother*. 2003 Mar;47(3):1176; author reply 1176.

179: Nicastrì E, Sarmati L, Andreoni M. Reply to "Different degree of immune recovery using antiretroviral regimens with protease inhibitors or non-nucleosides", by Barreiro et al. *AIDS*. 2003 Feb 14;17(3):447-8.

180: Nicastrì E, Sarmati L, d'Ettorre G, Palmisano L, Parisi SG, Uccella I, Rianda A, Concia E, Vullo V, Vella S,

Andreoni M. Replication capacity, biological phenotype, and drug resistance of HIV strains isolated from patients failing antiretroviral therapy. *J Med Virol*. 2003 Jan;69(1):1-6.

181: D'Ettorre G, Forcina G, Andreotti M, Sarmati L, Palmisano L, Galluzzo CM, Nicastrì E, Mastroianni CM, Vullo V, Vella S, Andreoni M. Discordant response to antiretroviral therapy: HIV isolation, genotypic mutations, T-cell proliferation and cytokine production. *AIDS*. 2002 Sep 27;16(14):1877-85.

182: Petrosillo N, Raffaele B, Martini L, Nicastrì E, Nurra G, Anzidei G, Ippolito G. A nosocomial and occupational cluster of hepatitis A virus infection in a pediatric ward. *Infect Control Hosp Epidemiol*. 2002 Jun;23(6):343-5.

183: Parisi SG, Mazzi R, Sarmati L, Carolo G, Uccella I, Rianda A, Nicastrì E, Concia E, Andreoni M. Human herpesvirus 8 cytoviraemia rebound in a patient with Kaposi's sarcoma after a short interruption of efficient antiretroviral therapy. *AIDS*. 2002 May 3;16(7):1089-91.

184: Andreoni M, Sarmati L, Nicastrì E, El Sawaf G, El Zalabani M, Uccella I, Bugarini R, Parisi SG, Rezza G. Primary human herpesvirus 8 infection in immunocompetent children. *JAMA*. 2002 Mar 13;287(10):1295-300.

185: Parisi SG, Sarmati L, Pappagallo M, Mazzi R, Carolo G, Farchi F, Nicastrì E, Concia E, Rezza G, Andreoni M. Prevalence trend and correlates of HHV-8 infection in HIV-infected patients. *J Acquir Immune Defic Syndr*. 2002 Mar 1;29(3):295-9.

186: Sarmati L, Nicastrì E, Parisi SG, d'Ettorre G, Mancino G, Narciso P, Vullo V, Andreoni M. Discordance between genotypic and phenotypic drug resistance profiles in human immunodeficiency virus type 1 strains isolated from peripheral blood mononuclear cells. *J Clin Microbiol*. 2002 Feb;40(2):335-40.

187: Petrosillo N, Viale P, Nicastrì E, Arici C, Bombana E, Casella A, Cristini F, De Gennaro M, Dodi F, Gabbuti A, Gattuso G, Irato L, Maggi P, Pallavicini F, Pan A, Pantaleoni M, Ippolito G. Nosocomial bloodstream infections among human immunodeficiency virus-infected patients: incidence and risk factors. *Clin Infect Dis*. 2002 Mar 1;34(5):677-85.

188: Nicastrì E, Petrosillo N, Viale P, Ippolito G. Catheter-related bloodstream infections in HIV-infected patients. *Ann N Y Acad Sci*. 2001 Nov;946:274-90.

189: Sarmati L, Nicastrì E, Parisi SG, D'Ettorre G, Narciso P, Mancino G, Gallo I, Abbadessa V, Dalle NE, Traina C, Vullo V, Andreoni M. Failure of stavudine-lamivudine combination therapy in antiretroviral-naïve patients with AZT-like HIV-1 resistance mutations. *J Med Virol*. 2001 Dec;65(4):631-6

190: Nicastrì E, Girardi E, Ippolito G. Determinants of emerging and re-emerging infectious diseases. *J Biol Regul Homeost Agents*. 2001 Jul-Sep;15(3):212-7.

191: Monini P, Sirianni MC, Franco M, Vincenzi L, Topino S, Goletti D, Leone P, Leone P, Chiozzini C, Nicastrì E, Andreoni M, Borduagni O, Sgadari C, Rezza G, Stürzl M, Ensoli B. Clearance of human herpesvirus 8 from blood and regression of leukopenia-associated aggressive classic Kaposi's sarcoma during interferon-alpha therapy: a case report. *Clin Infect Dis*. 2001 Nov 15;33(10):1782-5.

192: Mazzi R, Parisi SG, Sarmati L, Uccella I, Nicastrì E, Carolo G, Gatti F, Concia E, Andreoni M. Efficacy of didanosine on human herpesvirus 8 viraemia and Kaposi's sarcoma progression in two patients with AIDS. *AIDS*. 2001 Oct 19;15(15):2061-2.

193: Sarmati L, d'Ettorre G, Nicastrì E, Ercoli L, Uccella I, Massetti P, Parisi SG, Vullo V, Andreoni M. Neutralizing antibodies against autologous human immunodeficiency virus Type 1 isolates in patients with increasing CD4 cell counts despite incomplete virus suppression during antiretroviral treatment. *Clin Diagn Lab Immunol*. 2001 Jul;8(4):822-4.

194: Nicastrì 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.

195: Topino S, Vincenzi L, Mezzaroma I, Nicastrì E, Andreoni M, Sirianni MC. Correlation between enzyme-linked immunosorbent assay and immunofluorescence assay with lytic antigens for detection of antibodies to human

herpesvirus 8. Clin Diagn Lab Immunol. 2001 Jan;8(1):203-5.

196: Nicastrì E, Sarmati L, Andreoni M. Human herpesvirus 8 in Brazilian Amerindians: does vertical transmission play a role? J Infect Dis. 2000 Nov;182(5):1574-5.

197: Andreoni M, Parisi SG, Sarmati L, Nicastrì E, Ercoli L, Mancino G, Sotgiu G, Mannazzu M, Trevenzoli M, Tridente G, Concia E, Aceti A. Cellular proviral HIV-DNA decline and viral isolation in naïve subjects with <5000 copies/ml of HIV-RNA and >500 x 10<sup>6</sup>/l CD4 cells treated with highly active antiretroviral therapy. AIDS. 2000 Jan 7;14(1):23-9

198: Rezza G, Dorrucci M, Andreoni M, Arpino C, De Luca A, Monini P, Nicastrì E, Alliegro MB, Pezzotti P, Ensoli B. Does HHV-8 have a protective role on the development of HIV encephalopathy? Italian HIV-Seroconversion Study. Neurology. 1999 Dec 10;53(9):2032-6.

199: Rezza G, Andreoni M, Dorrucci M, Pezzotti P, Monini P, Zerboni R, Salassa B, Colangeli V, Sarmati L, Nicastrì E, Barbanera M, Pristerà R, Aiuti F, Ortona L, Ensoli B. Human herpesvirus 8 seropositivity and risk of Kaposi's sarcoma and other acquired immunodeficiency syndrome-related diseases. J Natl Cancer Inst. 1999 Sep 1;91(17):1468-74.

200: Nicastrì 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.

201: Dorrucci M, Rezza G, Andreoni M, Pezzotti P, Nicastrì E, Ventura L, Zignani M, Alliegro MB, Tarantini G, Salassa B, Colangeli V, Mazzarello G, Ursitti MA, Barbanera M, Pristerà R, Castelli F, Ortona L. Serum IgG antibodies to human herpesvirus-6 (HHV-6) do not predict the progression of HIV disease to AIDS. Italian Seroconversion Study group. Eur J Epidemiol. 1999 Apr;15(4):317-22.

202: Nicastrì E, Ercoli L, Sarmati L, Ventura L, Parisi SG, Ciapetti C, Montano M, Andreoni M. Five human immunodeficiency virus type 1 phenotypic variants with different MT-2 cell tropisms correlate with prognostic markers of disease. J Hum Virol. 1998 Jan-Feb;1(2):90-5.

203: Andreoni M, El-Sawaf G, Rezza G, Ensoli B, Nicastrì E, Ventura L, Ercoli L, Sarmati L, Rocchi G. High seroprevalence of antibodies to human herpesvirus-8 in Egyptian children: evidence of nonsexual transmission. J Natl Cancer Inst. 1999 Mar 3;91(5):465-9.

204: Andreoni M, Sarmati L, Nicastrì E, Ventura L, Ercoli L, Parisi SG, Giannini G, Galluzzo C, Vella S. Saquinavir delays the emergence of zidovudine resistance in HIV-1 seropositive patients treated with combination therapy. J Med Virol. 1998 Dec;56(4):332-6.

205: Sarmati L, Nicastrì E, el-Sawaf G, Ventura L, Salanitro A, Ercoli L, Vella S, Andreoni M. Increase in neutralizing antibody titer against sequential autologous HIV-1 isolates after 16 weeks saquinavir (Invirase) treatment. J Med Virol. 1997 Dec;53(4):313-8.

206: Ercoli L, Sarmati L, Nicastrì E, Giannini G, Galluzzo C, Vella S, Andreoni M. HIV phenotype switching during antiretroviral therapy: emergence of saquinavir-resistant strains with less cytopathogenicity. AIDS. 1997 Aug;11(10):1211-7.

207: Andreoni M, Sarmati L, Ercoli L, Nicastrì E, Giannini G, Galluzzo C, Pirillo MF, Vella S. Correlation between changes in plasma HIV RNA levels and in plasma infectivity in response to antiretroviral therapy. AIDS Res Hum Retroviruses. 1997 May 1;13(7):555-61.

208: Venditti M, Tarasi A, Gelfusa V, Nicastrì E, Penni A, Martino P. Antimicrobial susceptibilities of enterococci isolated from hospitalized patients. Antimicrob Agents Chemother. 1993 May;37(5):1190-2.

209: Nicastrì E, Tarasi A, Visco Comandini U, Gelfusa V, Di Rosa R, Di Rosa E, Venditti M, Serra P. High-level aminoglycoside resistance among enterococci: evaluation of an agar screen susceptibility test. J Chemother. 1992 Feb;4(1):9-11.

**H Index 29/1/2018 web science 28, Google Scholar 34 - since 2013, 24**

I assent the treatment of my personal data with reference to d.lg 19672003

**IL SOTTOSCRITTO AUTORIZZA AL TRATTAMENTO DEI DATI PERSONALI SECONDO QUANTO PREVISTO DAL CODICE DELLA PRIVACY DLGS 196 DEL 2003. INOLTRE, CONSAPEVOLE DELLA RESPONSABILITÀ PENALE PREVISTA, DALL'ART. 76 DEL D.P.R. 445/2000, PER LE IPOTESI DI FALSITÀ IN ATTI E DICHIARAZIONI MENDACI IVI INDICATE DICHIARA CHE LE INFORMAZIONI SOPRA RIPORTATE SONO VERITIERE**

Rome, January, 28 2018

A handwritten signature in black ink, appearing to read "Annunziata Di Costanzo". The signature is written in a cursive style with some stylized flourishes.