

**Anita De Rossi**  
**CV**

**Education:**

1986-Post Graduate Degree in Microbiology and Virology, University of Padova  
1976-Biological Sciences Degree, University of Padova

**Position:**

2004-Present: Full Professor of General Pathology (SSD MED/04), Medical School, University of Padova  
2005-Present: Head of Viral Oncology Unit/Lab, Istituto Oncologico Veneto (IOV)-IRCCS, Padova  
1992-2004: Associate Professor of General Pathology, Medical School, University of Padova  
1981-1992: Assistant Professor of General Pathology, Medical School, University of Padova  
1977-1981: Fellow, Oncology Section, Medical School, University of Padova

**Academic Commitments**

2015-present : Coordinator of Research and Development Commission, Department of Surgery, Oncology and Gastroenterology (DiSCOG)-University of Padova  
2017-present : Vice Chair of Medicine and Surgery Course, University of Padova

**Foreign working experiences**

National Cancer Institute, NIH, Bethesda, USA, Laboratory of Viral Carcinogenesis (Prof. P Fischinger Head) in 1980, and Laboratory of Tumor Cell Biology (Prof. R Gallo, Head) in 1984,1985,1988

**Research activities**

Anita De Rossi has long been involved in oncogenic retroviruses. Her early efforts were directed towards investigating virus-host interactions in the murine system, including the enhancing/inhibitory activity of endogenous retrovirus expression on leukemia development. Since 1983, her research has shifted from murine to human retroviruses (HTLV/HIV) both in experimental models and in clinical settings. Significant progress has been made in understanding the vertical transmission and disease progression of pediatric HIV infection. Her interest has expanded to studying tumors in immunocompromized patients, with particular regard to EBV-related lymphomagenesis, and more recently to telomere/telomerase. Within this framework, she is studying the mechanisms involved in TERT activation during EBV-driven B-cell immortalization and in B-cell malignancies, and the telomere/telomerase interplay in hematological and solid tumors. *The present research activities are summarized in the following major research fields:* Pathogenesis of pediatric HIV infection (1984-present);Lymphomagenesis in the immunocompromized host (1994-present); Telomere and telomerase in hematological and solid tumors (2007-present); Extra-telomeric functions of telomerase (2013-present)

**International Research Projects**

-European Concerted Action “European Collaborative study on children born to HIV seropositive mother”. 1986-present.  
-“Paediatric European Network for treatment on AIDS (PENTA)1991-present. European Concerted Action 1991-1997. European Programme: Quality of life and management of living resources (1998-2006). European Concerted Action 2006- presente. Virology Steering Committee.  
-Early treated Perinatally HIV Infected individuals: Improving Children’s Actual Life (EPIICAL)EPIICAL 2016-present  
Past  
-European Project FP7-HEALTH-2007: Paediatric European Network Treatment AIDS Laboratory Network (PENTA-LABNET) 2007-2012  
-European Project FP7-HEALTH-2007: Paediatric European Network Treatment AIDS-EUROCOORD 2011-2015  
-European Concerted Action “Determinants of Disease Progression in Pediatric HIV-1 infected children”. Steering Committee. 1991-1994.  
-European Concerted Action “Molecular Pathogenesis of HIV infection”. 1989-1997.  
-European Concerted Action, Biomed 2 “HTLV European Research network”. 1994-1996.  
-European Concerted Action, Biomed 2 “European AIDS-virus serosurveillance programme”. 1996-1999.

-European Project Human Capital and Mobility Research network “Pathogenesis of EBV-related lymphoproliferative disorders in immunocompromized patients” 1994-1997

### **Grants**

PRIN 2005-2006, 2008-2010

Universita' di Padova, Progetti di Ateneo 2010, 2020

Programma Nazionale AIDS, 1988- 2006

Ministero della Salute-Programma Straordinario Ricerca Oncologica 2006, 2007-2012

Regione Veneto, 1997-1999.

European Union, 1998-2004, CA UE LSHP-CT-2006; CSA UE FP7-HEALTH-2007-2012, EuroCoord 2012-2016

Fondazione PENTA 2005- 2007, 2010, 2012

Fondazione Berlucci 2005

AIRC 2004-2007, AIRC 2008-2010, AIRC 2013-2016

Ricerca Finalizzata 2014-2016

EPIICAL project -Penta Foundation 2016-2024

### **Reviewer activity**

*Scientific Journals:*

Ad hoc: AIDS, Antiviral Research, Blood, Cancer Letters, Clinical and Experimental Immunology, International Journal of Cancer, Journal of Infectious Diseases, Frontiers in Immunology, Journal of the National Cancer Institute, Lancet, PLoSOne, PlosGenetics

*Grants:*

Progetto Nazionale AIDS, Istituto Superiore di Sanita' (1988-2006), MIUR (2002-), AIDS Foundation-Netherlands (2005, 2006, 2007, 2008, 2011, 2012), Medical Research Council, UK (2012, 2013); Wellcome trust (2009, 2013); Medical University Salzburg (Austria)(2014);

Member of the EARC Advanced Grants evaluation Panel (2018-2019)

### **Scientific societies**

Società Italiana di Cancerologia

European Association for Cancer Research

European Society for Virology

International AIDS Society

Società Italiana di Patologia

### **Scientific publications**

more than 300 of which more than 250 published in peer-reviewed journals. Citations (ISI Web of Science): more than 10,000; h-index: 53; i10 index: 197

July 2021

## A. PUBBLICAZIONI SU RIVISTE QUOTATE JCR

1. Colombatti A, Chieco-Bianchi L, **De Rossi A**, D'Andrea E, Collavo D. Genetics of murine sarcoma virus (MSV) induced tumors in AKR mice: Evidence that late progressing and early regressing tumors are controlled by different genes. Int J Cancer 1977; 19: 565-575.
2. Colombatti A, **De Rossi A**, Taylor BA, Chieco-Bianchi L, Meier H. Relationship between Moloney MSV tumor resistance and endogenous virogene expression in AKR mouse strain and its hybrids. Int J Cancer 1978; 21: 179-185.
3. Colombatti A, **De Rossi A**, Hilkens J, Collavo D, Chieco-Bianchi L. Age dependence and genetics of expression of ecotropic MuLV in a SJL/J substrain. J Natl Cancer Inst 1979; 62: 1451-1457.
4. Chieco-Bianchi L, Collavo D, Zanovello P, **De Rossi A**. Lack of M-MuSV tumour regression associated with T lymphocyte tolerance. Nature 1980; 285: 667-668.
5. D'Andrea E, **De Rossi A**, Chieco-Bianchi L. Resistance to Moloney murine sarcoma virus (M-MuSV) tumor induction is associated with natural antibody production to "endogenous" Moloney leukemia virus (M-MuLV) in BALB/Mo mice. Tumori 1981; 67: 511-520.
6. **De Rossi A**, D'Andrea E, Colombatti A, Fischinger PJ, Chieco-Bianchi L. Spontaneous lymphomas in SJL/J-(v+) mice: Ecotropic and dualtropic virus expression in normal and lymphomatous tissues. J Natl Cancer Inst 1981; 67: 1241-1250.
7. **De Rossi A**, D'Andrea E, Chieco-Bianchi L. Characterization of dualtropic type C retroviruses isolated from spontaneous non-T lymphomas of SJL/J(v+) mice. Tumori 1982; 68: 95-104.
8. Majone F, Montaldi A, Ronchese F, **De Rossi A**, Chieco-Bianchi L, Levis AG. Sister chromatid exchanges induced in vivo and in vitro by chemical carcinogens in mouse lymphocytes carrying endogenized Moloney leukemia virus. Carcinogenesis 1983; 4: 33-37.
9. **De Rossi A**, D'Andrea E, Biasi G, Collavo D, Chieco-Bianchi L. Protection from spontaneous lymphoma development in SJL/J(v+) mice neonatally injected with dualtropic SJL-151 virus. Proc Natl Acad Sci USA 1983; 80: 2775-2779.
10. Biasi G, Saggini L, Dazzi F, **De Rossi A**, Collavo D. Role of accessory cells in the induction of a secondary cytotoxic response to Moloney murine sarcoma virus-induced tumors. J Immunol 1983; 130: 1447-1450.
11. Zanovello P, Collavo D, Ronchese F, **De Rossi A**, Biasi G, Chieco-Bianchi L. Virus-specific T cell response prevents lymphoma development in mice infected by intrathymic inoculation of Moloney leukemia virus (M-MuLV). Immunology 1984; 51: 9-16, 1984.
12. Ronchese F, D'Andrea E, Collavo D, **De Rossi A**, Zanovello P, Chieco-Bianchi L. Tolerance to viral antigens in Mov-13 mice carrying endogenized Moloney-murine leukemia virus. Cell Immunol 1984; 83: 379-388.
13. Zanovello P, D'Andrea E, Ronchese F, **De Rossi A**, Collavo D, Chieco-Bianchi L. Role of infectious virus expression and immune response in retrovirus-induced oncogenesis. Tumori 1984; 70: 1-8.
14. Chieco-Bianchi L, Aldovini A, Ronchese F, **De Rossi A**, Majone F, Montaldi A, Levis AG. Short and long term studies on chemical carcinogenesis in BALB/Mo mice. Toxicol Pathol 1984; 12, 361-368.
15. Majone F, Montaldi A, Ronchese F, **De Rossi A**, Chieco-Bianchi L, Levis AG. Cordycepin reduces the sensitivity of BALB/Mo mouse lymphocytes to the induction of sister chromatid exchanges. Carcinogenesis 1985; 6: 131-134.
16. **De Rossi A**, Aldovini A, Franchini G, Mann D, Gallo RC, Wong-Staal F. Clonal selection of T lymphocytes infected by cell-free human T-cell leukemia/lymphoma virus type I: parameters of virus integration and expression. Virology 1985; 143: 640-645.
17. **De Rossi A**, Dalla Gassa O, Chieco-Bianchi L, Dal Bo Zanon R, Boscaro M, Girolami A. The prevalence of HTLV-III and HTLV-I antibodies in serum Hemophiliacs. Thromb Haemost 1985; 54: 897.
18. Rodeghiero F, Castaman GC, Chisesi T, **De Rossi A**, Dalla Gassa O, Del Mistro A, Dini E, Castronovo S, Pornaro E, Chieco-Bianchi L. One year follow-up study of T- cells subsets and incidence of seropositivity for HTLV-I and HTLV-III antibodies in patients treated "on demand" or sporadically with clotting concentrates. Thromb Haemost 1985; 54: 665-668.
19. **De Rossi A**, Dalla Gassa O, Del Mistro A, Faulkner Valle G, Chieco-Bianchi L. HTLV-III and HTLV-I infection in populations at risk in the Veneto region of Italy. Eur J Cancer Clin Oncol 1986; 22: 411-418.
20. Del Mistro A, **De Rossi A**, Aldovini A, Salmi R, Chieco-Bianchi L. immortalization of human T lymphocytes by HTLV-I: phenotypic characteristics of target cells and kinetics of virus integration and expression. Leukemia Res 1986;10: 1109-1120.
21. **De Rossi A**, Gallo P, Tavolato L, Callegaro L, Chieco-Bianchi L. Search for HTLV-I and LAV/HTLV-III antibodies in serum and CSF of multiple sclerosis patients. Acta Neurol Scand 1986; 74: 161-164.
22. Aldovini A, **De Rossi A**, Feinberg MB, Wong-Staal F, Franchini G. Molecular analysis of a deletion mutant provirus of type I human T-cell lymphotropic virus: evidence for a doubly spliced x-lor mRNA. Proc Nat Acad Sci USA 1986; 83: 38- 42.

23. Faulkner-Valle GP, **De Rossi A**, Dalla Gassa O, Chieco-Bianchi L. LAV/HTLV-III neutralizing antibodies in the sera of patients with AIDS, lymphadenopathy syndrome and asymptomatic seropositive individuals. Tumori 1986; 72: 219-224.
24. Dal Bo Zanon R, Vicarioto M, Girolami A, **De Rossi A**, Del Mistro A, Chieco-Bianchi L. First case in Italy of fatal AIDS in a hemophiliac. Acta Haematol 1986; 75: 34-37.
25. **De Rossi A**, Franchini G, Aldovini A, Del Mistro A, Chieco-Bianchi L, Gallo RC, Wong-Staal F. Differential response to the cytopathic effects of human T-cell lymphotropic virus type III (HTLV-III) superinfection in T4+ (helper) and T8+ (suppressor) T-cell clones transformed by HTLV-I. Proc Natl Acad Sci USA 1986; 83: 4297-4301.
26. **De Rossi A**, Vertolli U, Romagnoli G, Bertoli M, Dalla Gassa O, Chieco-Bianchi L. LAV/HTLV-III and HTLV-I antibodies in hemodialysis patients. Nephron 1986; 44: 377-378.
27. Chieco-Bianchi L, Faulkner Valle G, **De Rossi A**, Dalla Gassa O. Epidemiological survey of HIV infection in the Veneto region of Italy. Biomed Pharmacother 1987; 41: 139-143.
28. **De Rossi A**, Faulkner Valle G, Chieco-Bianchi L. Spread of HTLV-I in subjects at risk: Preventive strategies for cancers related to immunodeficiencies. Cancer Lett 1987; 36: 24s-25s.
29. Mok J, Giaquinto C, **De Rossi A**, Grosch-Worner I, Ades E, Peckham CS. Infants born to HIV seropositive mothers. Preliminary findings from a multi-centre-european study. Lancet 1987; i: 1164-1168.
30. Pizzolo G, Vinante F, Agostini C, Zambello R, Trentin L, Masciarelli M, Chilosi M, Benedetti F, Dazzi F, Todeschini G, **De Rossi A**, Semenzato G. Immunological abnormalities in Angioimmunoblastic Lymphadenopathy. Cancer 1987; 60: 2412-2418.
31. Amadori A, Faulkner Valle G, **De Rossi A**, Zanovello P, Collavo D, Chieco-Bianchi L. HIV-mediated immunodepression: In vitro inhibition of T-lymphocyte proliferative response by ultraviolet-inactivated virus. Clin Immunol Immunopathol 1988; 46: 37-54.
32. Amadori A, **De Rossi A**, Faulkner-Valle GP, Chieco-Bianchi L. Spontaneous in vitro production of virus specific antibody by lymphocytes from HIV-infected subjects. Clin Immunol Immunopathol 1988; 46: 342-351.
33. **De Rossi A**, Bortolotti F, Cadrobbi P, Chieco-Bianchi L. Trends of HTLV-I and HIV infections in Drug Addicts. Eur J Cancer Clin Oncol 1988; 24: 279-280, 1988.
34. Amadori A, **De Rossi A**, Gallo P, Tavolato B, Chieco-Bianchi L. Cerebrospinal fluid lymphocytes from HIV-infected patients synthesize HIV-specific antibody in vitro. J Neuroimmunol 1988; 18: 181-186.
35. Gallo P, **De Rossi A**, Amadori A, Tavolato B, Chieco-Bianchi L. Central nervous system involvement in HIV infection. AIDS Res Hum Retroviruses 1988; 3: 211-221.
36. **De Rossi A**, Chieco-Bianchi L, Giaquinto C, Zacchello F. HIV monitoring of pregnant women. Lancet 1988; i: 714.
37. Gallo P, Cadrobbi P, Chieco-Bianchi L, **De Rossi A**, Francavilla E, Tavolato B. Intrathecal synthesis of anti-HIV oligoclonal Ig G in HIV-seropositive patients having not signs of HIV-induced neurological diseases. Ann NY Acad Sci 1988; 540: 615-618.
38. Amadori A, **De Rossi A**, Giaquinto C, Faulkner-Valle GP, Zacchello F, Chieco-Bianchi L. In vitro production of HIV-specific antibody in children at risk for AIDS. Lancet 1988; i: 852-854.
39. **De Rossi A**, Amadori A, Chieco-Bianchi L, Giaquinto C, Zacchello F, Buchbinder A, Wong-Staal F, Gallo RC. Polymerase chain reaction and in vitro antibody production for the early diagnosis of pediatric HIV infection. Lancet 1988; ii: 278.
40. Peckham CS, Senturia YD, Ades AE, Newell ML, Giaquinto C, **De Rossi A**, et al (European Collaborative Study). Mother- to- child transmission of HIV infection. Lancet 1988; ii: 1039-1045.
41. Ebbesen P, Melbye M, Suni J, Kruger G, Fust G, Nagy K, Briem H, Aiuti F, Luzi G, **De Rossi A**, Sirianni MC, Agius F, Ayres L, Magdzik W, Von Sydow M, Frei P, Karlova M, Pocek B, Likar M. Diffusion of HIV-1 into non-habitual categories at risk in European Countries. Eur J Cancer Clin Oncol 1988; 24: 1677-1679.
42. Franchini G, Fargnoli KA, Giombini F, Jadodzinsky L, **De Rossi A**, Bosh M, Biberfeld G, Fenyo EM, Albert J, Gallo RC, Wong-Staal F. Molecular and biological characterization of a replication competent Human Immunodeficiency type 2 (HIV-2) proviral clone. Proc Natl Acad Sci USA 1989; 86: 2433-2437, 1989.
43. Chieco-Bianchi L, Calabro' ML, Panozzo M, **De Rossi A**, Amadori A, Callegaro L, Siccardi A. CD4 modulation and inhibition of HIV-1 infectivity induced by GM1 monosialoganglioside. AIDS 1989; 3: 501-507.
44. Bortolotti F, Cadrobbi P, Crivellaro C, Meneghetti F., Carretta M, Stivanello A, **De Rossi A**, Noventa F. The changing epidemiology of acute type B hepatitis: results of an 11 year prospective study in Padua (Northern Italy). Infection 1989; 17: 360-364.
45. Amadori A, **De Rossi A**, Chieco-Bianchi L, Giaquinto C, De Maria A, Ades AE. Diagnosis of HIV-1 infection in infants: in vitro production of virus-specific antibody in lymphocytes. Pediatr Infect Dis J 1990; 9: 26-30.
46. Gallo P, Piccinno MG, **De Rossi A**, Pagni S, Amadori A, Chieco-Bianchi L, Tavolato B. Free light chains of immunoglobulins in the cerebrospinal fluid of Human Immunodeficiency virus type 1 in infected patients. J Neuroimmunol 1990; 26: 229-238.

47. **De Rossi A**, Calabrò ML, Panozzo M, Bernardi D, Caruso B, Tridente G, Chieco-Bianchi L. In vitro studies of HIV-1 infection in thymic lymphocytes: a putative thymus role in AIDS pathogenesis. AIDS Res Hum Retroviruses 1990; 3: 287- 298.
48. Amadori A, Gallo P, Zamarchi R, Veronese ML, **De Rossi A**, Wolf D, Chieco-Bianchi L. IgG oligoclonal bands in sera of HIV-1 infected patients are mainly directed against HIV-1 determinants. AIDS Res Hum Retroviruses 1990; 5: 581-586.
49. **De Rossi A**, Roncella S, Calabro' ML, D'Andrea E, Pasti M, Panozzo M, Mammano F, Ferrarini M, Chieco-Bianchi L. Infection of EBV lymphoblastoid B cells by the human immunodeficiency virus: evidence for a persistent and productive infection leading to B cell phenotypic changes. Eur J Immunol 1990; 20: 2041-2049.
50. Del Mistro A, Laverda AM, De Martino M, Calabrese F, Calabri G, Cogo P, Cocchi P, D'Andrea E, **De Rossi A**, Giaquinto C, Giordano R, Nieri RM, Salvi G, Pennelli N, Chieco-Bianchi L. Primary lymphoma of the central nervous system in two children with AIDS. Am J Clin Pathol 1990; 94: 722-728.
51. Laverda AM, Cogo P, Condini A, Cattelan C, Giaquinto C, Cozzani S, Ruga E, Viero F, **De Rossi A**, Del Mistro A, Chieco-Bianchi L, Zacchello F. How frequent and how early does the neurological involvement in HIV-positive children occurs? Child Nerv System 1990; 6: 406-408.
52. Fiore JR, Calabro' ML, Angarano G, **De Rossi A**, Fico C, Pastore G, Chieco-Bianchi L. HIV-1 variability and progression to AIDS: a longitudinal study. J Med Virol 1990; 32: 252-256.
53. Cogo P, Laverda AM, Ades AE, Newell ML, Peckham CS, Giaquinto C, Zacchello F, **De Rossi A**, et al. (European Collaborative Study ). Neurologic signs in young children with HIV infection. Pediatr Infect Dis J 1990; 9: 402-406.
54. **De Rossi A**, Ades AE, Mammano F, Del Mistro A, Amadori A, Giaquinto C., Chieco-Bianchi L. Antigen detection, virus culture, polymerase chain reaction, and in vitro antibody production in the diagnosis of vertically transmitted HIV-1 infection. AIDS 1991; 5: 15-20.
55. Gallo P, Laverda AM, **De Rossi A**, Pagni S, Del Mistro A, Cogo P, Piccinno MG, Plebani A, Tavolato B, Chieco-Bianchi L. Immunological markers in the cerebrospinal fluid of HIV-1 infected children. Acta Paediatr Scand 1991; 80: 659-666.
56. **De Rossi A**, Saggiaro D, Calabro' ML, Cenzato R, Chieco-Bianchi L. Reciprocal activation of human T lymphotropic viruses in HTLV-I transformed cells superinfected with HIV-1. J Acq Immun Def Synd 1991; 4: 380-385.
57. Del Mistro A, **De Rossi A**, Francavilla E, Sartori MT, Chieco-Bianchi L. No evidence of HIV-2 infection in subjects at risk for AIDS living in North-east Italy. Eur J Epidemiol 1991; 7: 682-685.
58. **De Rossi A**, Pasti M, Mammano F, Panozzo M, Dettin M, Di Bello C, Chieco-Bianchi L. Synthetic peptides from the principal neutralizing domain of human immunodeficiency virus type 1 (HIV-1) enhance HIV-1 infection through a CD4 dependent mechanism. Virology 1991; 184: 187- 196.
59. **De Rossi A**, Mammano F, Del Mistro A, Chieco-Bianchi L. Serological and molecular evidence of infection by human T cell lymphotropic virus type II (HTLV-II) in Italian drug addicts by use of synthetic peptides and polymerase chain reaction. Eur J Cancer 1991; 27: 835-838.
60. Ficarra G, Milani A, Adler-Storzh K, Woods-Francis K, Del Mistro A, **De Rossi A**, Riccardi R, Ravina A, De Maio E. Recurrent oral condylomata acuminata and hairy leukoplakia: an early sign of myelodysplastic syndrome in a HIV-seronegative patient. J Oral Pathol Med 1991; 20: 398-402.
61. Klotzman ME, Kim S, Buchbinder A, **De Rossi A**, Baltimore D, Wong-Staal F. Kinetics of expression of multiply spliced RNA in early human immunodeficiency virus type 1 infection of lymphocytes and monocytes. Proc Natl Acad Sci USA 1991; 88: 5011-5015.
62. **De Rossi A**, Pasti M, Mammano F, Ometto L, Giaquinto C, Chieco-Bianchi L. Perinatal infection by human immunodeficiency virus type 1 (HIV-1): relationship between proviral copy number in vivo, viral biological properties in vitro, and clinical outcome. J Med Virol 1991; 35: 283-289.
63. Sartori MT, Mares M, Del Mistro A, **De Rossi A**, Zerbinati P, Girolami A. Prevalence of HIV infection in a cohort of patients with congenital coagulation defects of the prothrombin complex factors. Blood Coagul Fibrin 1991; 2: 663- 667.
64. Rossi P, Moschese V, **De Rossi A**, Wahren B, Jansson M, Lombardi V, Wigzell H. Maternal Antibody Epitope mapping in mother-to-child transmission of HIV. Adv Exp Med Biol 1991; 303: 47-52.
65. Ades AE, Newell ML, Peckham CS, Giaquinto C, Zacchello F, **De Rossi A**, et al (European Collaborative Study). Children born to women with HIV-1 infection: natural history and risk of transmission. Lancet 1991; 337: 253-260.
66. Del Mistro A, Rinaldi R, Raimondi R, Mammano F, Saggiaro D, Stracca Pansa V, **De Rossi A**, Vespignani M, Cadrobbi P, Visona' A, Chieco-Bianchi L. Adult T-cell leukemia (ATL): clinical, pathological and virological findings in two cases with unusual features. Leukemia Lymphoma 1992; 6: 261-266.
67. Del Mistro A, Chotard J, Hall AJ, Whittle H, **De Rossi A**, Chieco-Bianchi L. HIV-1 and HIV-2 seroprevalence rates in mother-child pairs living in the Gambia (West Africa). J Acq Immun Def Synd 1992; 5, 14-19.
68. **De Rossi A**, Calabro' ML, D'Andrea E, Panozzo M, Saggiaro D, Mammano F, Roncella S, Ferrarini M, Chieco-Bianchi L. Morphological and phenotypical changes in EBV positive lymphoblastoid cells infected by HIV-1. Leukemia 1992; 6: 38s-40s.

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70. **De Rossi A**, Ometto L, Mammano F, Zanotto C, Giaquinto C, Chieco-Bianchi L. Vertical transmission of HIV-1: lack of detectable virus in peripheral blood cells of infected children at birth. AIDS 1992; 6, 1117-1120.
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73. Newell ML, Dunn D, Peckham CS, Ades AE, Pardi G, Semprini E, Giaquinto C, Truscia D, **De Rossi A**, et al (European Collaborative Study). Risk factors for mother-to-child transmission of HIV-1. Lancet 1992; 339: 1007-1012.
74. Wade AM, Ades AE, Dunn DT, Newell ML, Peckham CS, Giaquinto C, Zacchello F, **De Rossi A**, et al (European Collaborative Study). Age-Related standards for T-lymphocyte subsets based on uninfected children born to HIV- 1 infected women. Pediatr Infect Dis J 1992; 11: 1018-1026.
75. Lopalco L, Longhi R, Ciccomascolo F, **De Rossi A**, Pelagi M, Andronico F, Moore JP, Schulz T, Beretta A, Siccardi AG. Identification of HIV-1 gp 120/gp41 interacting sites by the idiotypic mimicry of two monoclonal antibodies. AIDS Res Hum Retroviruses 1993; 9: 33-39.
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77. Dettin M, **De Rossi A**, Autiero M, Guardiola J, Chieco-Bianchi L, Di Bello C. Structural studies on synthetic peptides from the principal neutralizing domain of HIV-gp120 that bind to CD4 and enhance HIV-1 infection. Biochem Biophys Res Co 1993; 191: 364-370.
78. Semenzato G, **De Rossi A**, Agostini C. Human retroviruses and their aetiological link to pulmonary diseases (Editorial). Eur Respir J 1993; 6: 925-929.
79. **De Rossi A**, Giaquinto C, Ometto L, Mammano F, Zanotto C, Dunn D, Chieco-Bianchi L. Replication and tropism of the human immunodeficiency virus type 1 as predictors of disease outcome in infants with vertically acquired infection. J Pediatr 1993; 123: 929-936.
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81. **De Rossi A**, Ometto L, Roncella S, D'Andrea E, Menin C, Calderazzo F, Rowe M, Ferrarini M, Chieco-Bianchi L. HIV-1 induces down-regulation of bcl-2 expression and death by apoptosis of EBV-immortalized B cells: A model for a persistent "self-limiting" infection. Virology 1994; 198: 234-244.
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