

Poli

Alfano M. and Poli G.
The cytokine network in HIV infection.
Curr. Mol. Med. 2: 677-689 (2002).

Alfano M., Sidenius N., Panzeri B., Blasi F. and Poli G.
Urokinase-urokinase receptor interaction mediates an inhibitory signal for HIV-1 replication.
Proc. Natl. Acad. Sci. U. S. A. 99: 8862-8867 (2002).

Bovolenta C., Pilotti E., Mauri M., Panzeri B., Sassi M., Dall'Aglio P., Bertazzoni U., Poli G. and Casoli C.
Retroviral interference on STAT activation in individuals coinfecting with human T cell leukemia virus type 2 and HIV-1.
J. Immunol. 169: 4443-4449 (2002).

Fortis C., Soldini L., Ghezzi S., Colombo S., Tambussi G., Vicenzi E., Gianotti N., Nozza S., Veglia F., Murone M., Lazzarin A. and Poli G.
Tumor necrosis factor alpha, interleukin 2, and soluble interleukin 2 receptor levels in human immunodeficiency virus type 1-infected individuals receiving intermittent cycles of interleukin 2.
AIDS Res. Hum Retroviruses 18: 491-499 (2002).

Goletti D., Kinter A.L., Coccia E.M., Battistini A., Petrosillo N., Ippolito G. and Poli G.
Interleukin (IL)-4 inhibits phorbol-ester induced HIV-1 expression in chronically infected U1 cells independently from the autocrine effect of endogenous tumour necrosis factor-alpha, IL-1beta, and IL-1 receptor antagonist.
Cytokine 17: 28-35 (2002).

Losana G., Bovolenta C., Rigamonti L., Borghi I., Altare F., Jouanguy E., Forni G., Casanova J.L., Sherry B., Mengozzi M., Trinchieri G., Poli G., Gerosa F. and Novelli F.
IFN-gamma and IL-12 differentially regulate CC-chemokine secretion and CCR5 expression in human T lymphocytes.
J. Leukoc. Biol 72: 735-742 (2002).

Malnati M., Broccolo F., Nozza S., Sarmati L., Ghezzi S., Locatelli G., Delfanti F., Capiluppi B., Careddu A., Andreoni M., Monini P., Poli G., Lazzarin A., Lusso P. and Tambussi G.
Retrospective analysis of HHV-8 viremia and cellular viral load in HIV-seropositive patients receiving interleukin 2 in combination with antiretroviral therapy.
Blood 100: 1575-1578 (2002).

Vicenzi E., Panina-Bodignon P., Vallanti G., Di Lucia P. and Poli G.
Restricted replication of primary HIV-1 isolates using both CCR5 and CXCR4 in Th2 but not in Th1 CD4(+) T cells.

J. Leukoc. Biol. 72: 913-920 (2002).

Alfano M., Sidenius N., Blasi F. and Poli G.
The role of urokinase-type plasminogen activator (uPA)/uPA receptor in HIV-1 infection.

J. Leukoc. Biol. 74: 750-756 (2003).

Biswas P., Ferrarini M., Mantelli B., Fortis C., Poli G., Lazzarin A. and Manfredi A.A.

Double-edged effect of Vgamma9/Vdelta2 T lymphocytes on viral expression in an in vitro model of HIV-1/mycobacteria co-infection.

Eur. J. Immunol. 33: 252-263 (2003).

Biswas P., Mantelli B., Delfanti F., Ferrarini M., Poli G. and Lazzarin A.
CD30 ligation differentially affects CXCR4-dependent HIV-1 replication and soluble CD30 secretion in non-Hodgkin cell lines and in gamma delta T lymphocytes.

Eur. J. Immunol. 33: 3136-3145 (2003).

Fantuzzi L., Spadaro F., Vallanti G., Canini I., Ramoni C., Vicenzi E., Belardelli F., Poli G. and Gessani S.

Endogenous CCL2 (monocyte chemotactic protein-1) modulates human immunodeficiency virus type-1 replication and affects cytoskeleton organization in human monocyte-derived macrophages.

Blood 102: 2334-2337 (2003).

Nardini E., Neri F., Vicenzi E., Poli G., Capello D., Gaidano G., Vitolo U., Menard S. and Balsari A.

Thymic function and immunoglobulin mutation genotype in B-cell chronic lymphocytic leukemia patients.

Int. J. Cancer 107: 958-961 (2003).

Porcellini S., Vallanti G., Nozza S., Poli G., Lazzarin A., Tambussi G., Siccardi A.G. and Grassi F.

Improved thymopoietic potential in aviremic HIV infected individuals treated with HAART by intermittent IL-2 administration.

Aids 17: 1621-1630 (2003).

Radaelli A., Zanutto C., Perletti G., Elli V., Vicenzi E., Poli G. and De Giuli Morghen C.

Comparative analysis of immune responses and cytokine profiles elicited in rabbits by the combined use of recombinant fowlpox viruses, plasmids and virus-like particles in prime-boost vaccination protocols against SHIV.

Vaccine 21: 2052-2064 (2003).

Tasca S., Tambussi G., Nozza S., Capiluppi B., Zocchi M.R., Soldini L., Veglia F., Poli G., Lazzarin A. and Fortis C.

Escape of monocyte-derived dendritic cells of HIV-1 infected individuals from natural killer cell-mediated lysis.

Aids 17: 2291-2298 (2003).

Vicenzi E., Gatti A., Ghezzi S., Oreste P., Zoppetti G. and Poli G.
Broad spectrum inhibition of HIV-1 infection by sulfated K5 Escherichia coli polysaccharide derivatives.
Aids 17: 177-181 (2003).

Goletti D., Carrara S., Vincenti D., Giacomini E., Fattorini L., Garbuglia A.R., Capobianchi M.R., Alonzi T., Fimia G.M., Federico M., Poli G. and Coccia E.
Inhibition of HIV-1 replication in monocyte-derived macrophages by Mycobacterium tuberculosis.
J. Infect. Dis. 189: 624-633 (2004).

Pacciarini F., Ghezzi S., Pinna D., Cima S., Zoppetti G., Oreste P., Poli G. and Vicenzi E.
Sulfated K5 Escherichia coli polysaccharide derivatives inhibit human immunodeficiency type-1 (HIV-1) infection: candidate microbicides to prevent sexual HIV transmission.
New Microbiol. 27: 5-9 (2004).

Poli G.
T lymphocytes of HIV-positive individuals: preloaded guns in spite of highly active antiretroviral therapy?
Aids 18: 327-328 (2004).

Rizzi C., Alfano M., Bugatti A., Camozzi M., Poli G. and Rusnati M.
Inhibition of intra- and extra-cellular Tat function and HIV expression by pertussis toxin B-oligomer.
Eur. J. Immunol. 34: 530-536 (2004).

Scagnolari C., Vicenzi E., Bellomi F., Stillitano M.G., Pinna D., Poli G., Clementi M., Dianzani F. and Antonelli G.
Increased sensitivity of SARS-coronavirus to a combination of human type I and type II interferons.
Antivir. Ther. 9: 1003-1011 (2004).

Torre D., Speranza F., Ghezzi S., Nozza S., Tambussi G., Soldini L., Dorigatti F., Lazzarin A., Tambini R. and Poli G.
Nitric oxide production in HIV-1 infected patients receiving intermittent cycles of interleukin-2 and antiretrovirals.
HIV Clin. Trials 5: 146-151 (2004).

Vicenzi E., Canducci F., Pinna D., Mancini N., Carletti S., Lazzarin A., Bordignon C., Poli G. and Clementi M.
Coronaviridae and SARS-associated coronavirus strain HSR1.
Emerg. Infect. Dis. 10: 413-418 (2004).

Alfano M., Grivel J.C., Ghezzi S., Corti D., Trimarchi M., Poli G. and Margolis L.
Pertussis toxin B-oligomer dissociates T cell activation and HIV replication in CD4 T cells released from infected lymphoid tissue.

Aids 19: 1007-1014 (2005).

Alfano M. and Poli G.

Role of cytokines and chemokines in the regulation of innate immunity and HIV infection.

Mol. Immunol. 42: 161-182 (2005).

Alfano M., Rizzi C., Corti D., Adduce L. and Poli G.

Bacterial toxins: potential weapons against HIV infection.

Curr. Pharm. Dis. 11: 2909-2926 (2005).

Fortis C. and Poli G.

Dendritic cells and natural killer cells in the pathogenesis of HIV infection.

Immunol. Res. 33: 1-21 (2005).

Lapenta C., Spada M., Santini S.M., Racca S., Dorigatti F., Poli G., Belardelli F. and Alfano M.

Pertussis toxin B-oligomer inhibits HIV infection and replication in hu-PBL-SCID mice.

Int. Immunol 17: 469-475 (2005).

Pinna D., Sampson-Johannes A., Clementi M., Poli G., Rossini S., Lin L. and Vicenzi E.

Amotosalen photochemical inactivation of severe acute respiratory syndrome coronavirus in human platelet concentrates.

Transfus. Med. 15: 269-276 (2005).

Vardas E., Butto S., Glashoff R., Malnati M.S., Poli G. and Clerici M.

Preparing for phase II/III HIV vaccine trials in Africa.

Microbes Infect. 7: 1436-1444 (2005).

Vicenzi E. and Poli G.

Infection of CD4+ primary T cells and cell lines, generation of chronically infected cell lines, and induction of HIV expression.

Curr. Protoc. Immunol. Chapter 12: Unit 12 13 (2005).

Burighel N., Ghezzi S., Nozza S., Del Bianco P., Lazzarin A., Tambussi G., Poli G. and De Rossi A.

Differential dynamics of Epstein-Barr virus in individuals infected with human immunodeficiency virus-1 receiving intermittent interleukin-2 and antiretroviral therapy.

Haematologica 91: 244-247 (2006).

Cassol E., Alfano M., Biswas P. and Poli G.

Monocyte-derived macrophages and myeloid cell lines as targets of HIV-1 replication and persistence.

J. Leukoc. Biol. 80: 1018-1030 (2006).

Crotti A., Neri F., Corti D., Ghezzi S., Heltai S., Baur A., Poli G., Santagostino E. and Vicenzi E.

Nef alleles from human immunodeficiency virus type 1-infected long-term-nonprogressor hemophiliacs with or without late disease progression are defective in enhancing virus replication and CD4 down-regulation.
J. Virol. 80: 10663-10674 (2006).

Pastori C., Weiser B., Barassi C., Uberti-Foppa C., Ghezzi S., Longhi R., Calori G., Burger H., Kemal K., Poli G., Lazzarin A. and Lopalco L.
Long-lasting CCR5 internalization by antibodies in a subset of long-term nonprogressors: a possible protective effect against disease progression.
Blood 107: 4825-4833 (2006).

Rizzi C., Crippa M.P., Jeeninga R.E., Berkhout B., Blasi F., Poli G. and Alfano M.
Pertussis toxin B-oligomer suppresses IL-6 induced HIV-1 and chemokine expression in chronically infected U1 cells via inhibition of activator protein 1.
J. Immunol. 176: 999-1006 (2006).

Crotti A., Chiara G.D., Ghezzi S., Lupo R., Jeeninga R.E., Liboi E., Lievens P.M., Vicenzi E., Bovolenta C., Berkhout B. and Poli G.
Heterogeneity of signal transducer and activator of transcription binding sites in the long-terminal repeats of distinct HIV-1 subtypes.
Open Virol. J 1: 26-32 (2007).

Crotti A., Lusic M., Lupo R., Lievens P.M., Liboi E., Della Chiara G., Tinelli M., Lazzarin A., Patterson B.K., Giacca M., Bovolenta C. and Poli G.
Naturally occurring C-terminally truncated STAT5 is a negative regulator of HIV-1 expression.
Blood 109: 5380-5389 (2007).

Elia C., Cassol E., Sidenius N., Blasi F., Castagna A., Poli G. and Alfano M.
Inhibition of HIV replication by the plasminogen activator is dependent on vitronectin-mediated cell adhesion.
J. Leukoc. Biol. 82: 1212-1220 (2007).

Morsica G., Bagaglio S., Ghezzi S., Lodrini C., Vicenzi E., Santagostino E., Gringeri A., Cusini M., Carminati G., Bianchi G., Galli L., Lazzarin A. and Poli G.
Hepatitis C virus (HCV) coinfection in a cohort of HIV positive long-term non-progressors: possible protective effect of infecting HCV genotype on HIV disease progression.
J. Clin. Virol. 39: 82-86 (2007).

Pilotti E., Elviri L., Vicenzi E., Bertazzoni U., Re M.C., Allibardi S., Poli G. and Casoli C.
Postgenomic up-regulation of CCL3L1 expression in HTLV-2-infected persons curtails HIV-1 replication.
Blood 109: 1850-1856 (2007).

Samri A., Goodall R., Burton C., Imami N., Pantaleo G., Kelleher A., Poli G., Gotch F. and Autran B.

Three-year immune reconstitution in PI-sparing and PI-containing antiretroviral regimens in advanced HIV-1 disease.
Antivir. Ther. 12: 553-558 (2007).

Alfano M., Crotti A., Vicenzi E. and Poli G.
New players in cytokine control of HIV infection.
Curr. HIV/AIDS Rep. 5: 27-32 (2008).

Burton C.T., Goodall R.L., Samri A., Autran B., Kelleher A.D., Poli G., Pantaleo G., Gotch F.M. and Imami N.
Restoration of anti-tetanus toxoid responses in patients initiating highly active antiretroviral therapy with or without a boost immunization: an INITIO substudy.
Clin. Exp. Immunol. 152: 252-257 (2008).

Fichorova R.N., Richardson-Harman N., Alfano M., Belec L., Carbonneil C., Chen S., Cosentino L., Curtis K., Dezzutti C.S., Donoval B., Doncel G.F., Donaghay M., Grivel J.C., Guzman E., Hayes M., Herold B., Hillier S., Lackman-Smith C., Landay A., Margolis L., Mayer K.H., Pasicznyk J.M., Pallansch-Cokonis M., Poli G., Reichelderfer P., Roberts P., Rodriguez I., Saidi H., Sassi R.R., Shattock R. and Cummins J.E., Jr.
Biological and technical variables affecting immunoassay recovery of cytokines from human serum and simulated vaginal fluid: a multicenter study.
Anal. Chem. 80: 4741-4751 (2008).

Kutscher S., Dembek C.J., Allgayer S., Heltai S., Stadlbauer B., Biswas P., Nozza S., Tambussi G., Bogner J.R., Stellbrink H.J., Goebel F.D., Lusso P., Tinelli M., Poli G., Erfle V., Pohla H., Malnati M. and Cosma A.
The intracellular detection of MIP-1 β enhances the capacity to detect IFN- γ mediated HIV-1-specific CD8 T-cell responses in a flow cytometric setting providing a sensitive alternative to the ELISPOT.
AIDS Res. Ther. 5: 22 (2008).

Pacciarini F., Ghezzi S., Canducci F., Sims A., Sampaolo M., Ferioli E., Clementi M., Poli G., Conaldi P.G., Baric R. and Vicenzi E.
Persistent replication of severe acute respiratory syndrome coronavirus in human tubular kidney cells selects for adaptive mutations in the membrane protein.
J. Virol. 82: 5137-5144 (2008).

Pinna D., Oreste P., Coradin T., Kajaste-Rudnitski A., Ghezzi S., Zoppetti G., Rotola A., Argnani R., Poli G., Manservigi R. and Vicenzi E.
Inhibition of herpes simplex virus types 1 and 2 in vitro infection by sulfated derivatives of *Escherichia coli* K5 polysaccharide.
Antimicrob. Agents Chemother. 52: 3078-3084 (2008).

Abbadessa G., Accolla R., Aiuti F., Albini A., Aldovini A., Alfano M., Antonelli G., Bartholomew C., Bentwich Z., Bertazzoni U., Berzofsky J.A., Biberfeld P., Boeri E., Buonaguro L., Buonaguro F.M., Bukrinsky M., Burny A., Caruso A., Cassol S., Chandra P., Ceccherini-Nelli L., Chieco-Bianchi L., Clerici M.,

Colombini-Hatch S., de Giuli Morghen C., de Maria A., de Rossi A., Dierich M., Della-Favera R., Dolei A., Douek D., Erfle V., Felber B., Fiorentini S., Franchini G., Gershoni J.M., Gotch F., Green P., Greene W.C., Hall W., Haseltine W., Jacobson S., Kallings L.O., Kalyanaraman V.S., Katinger H., Khalili K., Klein G., Klein E., Klotman M., Klotman P., Kotler M., Kurth R., Lafeuillade A., La Placa M., Lewis J., Lillo F., Lisiewicz J., Lomonico A., Lopalco L., Lori F., Lusso P., Macchi B., Malim M., Margolis L., Markham P.D., McClure M., Miller N., Mingari M.C., Moretta L., Noonan D., O'Brien S., Okamoto T., Pal R., Palese P., Panet A., Pantaleo G., Pavlakis G., Pistello M., Plotkin S., Poli G., Pomerantz R., Radaelli A., Robertguroff M., Roederer M., Sarngadharan M.G., Schols D., Secchiero P., Shearer G., Siccardi A., Stevenson M., Svoboda J., Tartaglia J., Torelli G., Tornesello M.L., Tschachler E., Vaccarezza M., Vallbracht A., van Lunzen J., Varnier O., Vicenzi E., von Melchner H., Witz I., Zagury D., Zagury J.F., Zauli G. and Zipeto D.
Unsung hero Robert C. Gallo.
Science 323: 206-207 (2009).

Alfano M., Mariani S.A., Elia C., Pardi R., Blasi F. and Poli G.
Ligand-engaged urokinase-type plasminogen activator receptor and activation of the CD11b/CD18 integrin inhibit late events of HIV expression in monocytic cells.
Blood 113: 1699-1709 (2009).

Cassetta L., Fortunato O., Adduce L., Rizzi C., Hering J., Rovere-Querini P., Bianchi M.E., Alfano M. and Poli G.
Extracellular high mobility group box-1 inhibits R5 and X4 HIV-1 strains replication in mononuclear phagocytes without induction of chemokines and cytokines.
Aids 23: 567-577 (2009).

Cassol E., Cassetta L., Rizzi C., Alfano M. and Poli G.
M1 and M2a polarization of human monocyte-derived macrophages inhibits HIV-1 replication by distinct mechanisms.
J. Immunol. 182: 6237-6246 (2009).