

# AIDS BIBLIOGRAPHY

NOV 95

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### ABDOMINAL PAIN

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### ABORTION, LEGAL

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### ABSCESS

#### COMPLICATIONS

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#### MICROBIOLOGY

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#### PHARMACOLOGY

Acetylcholinesterase inhibition by zifrosilone: pharmacokinetics and pharmacodynamics. Cutler NR, et al. *Clin Pharmacol Ther* 1995 Jul;58(1):54-61

### ACIDOSIS, LACTIC

#### COMPLICATIONS

[Idiopathic lactic acidosis in a patient with AIDS (letter)]  
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##### ADVERSE EFFECTS

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##### PSYCHOLOGY

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##### ANTAGONISTS & INHIBITORS

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##### ANTAGONISTS & INHIBITORS

The alpha-glucosidase inhibitor N-butyldeoxynojirimycin inhibits human immunodeficiency virus entry at the level of post-CD4 binding. Fischer PB, et al. *J Virol* 1995 Sep; 69(9):5791-7

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Selective early increases of bronchoalveolar CD8+ lymphocytes in a LEW rat model of hypersensitivity pneumonitis. Richerson HB, et al. *J Allergy Clin Immunol* 1995 Jul;96(1):113-21

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##### DIAGNOSIS

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##### METABOLISM

Cyclophilin binding to the human immunodeficiency virus type 1 Gag polyprotein is mimicked by an anti-cyclosporine antibody. Franke EK, et al. *J Virol* 1995 Sep;69(9):5821-3

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##### BIOSYNTHESIS

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Suppression of hepatitis C virus (HCV) replication by hepatitis D virus (HDV) in HIV-infected hemophiliacs with chronic hepatitis B and C. Eyster ME, et al. *Dig Dis Sci* 1995 Jul; 40(7):1583-8

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### ADMINISTRATION & DOSAGE

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Production of a human anti-CD4 monoclonal antibody with antiidiotypic to anti-HIV type 1 glycoprotein 120. Karpatkin S, et al. *AIDS Res Hum Retroviruses* 1995 Apr;11(4):509-15

### IMMUNOLOGY

Identification of an idiotypic peptide recognized by autoantibodies in human immunodeficiency virus-1-infected individuals. Wang QL, et al. *J Clin Invest* 1995 Aug; 96(2):775-80

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CD8 T cell activation after intravenous administration of CD3 x CD19 bispecific antibody in patients with non-Hodgkin lymphoma. de Gast GC, et al. *Cancer Immunol Immunother* 1995 Jun;40(6):390-6

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Analysis of human monoclonal antibodies elicited by vaccination with a *Cryptococcus neoformans* glucuronoxylomannan capsular polysaccharide vaccine. Pirofski L, et al. *Infect Immun* 1995 Aug;63(8):3005-14

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Production of a human anti-CD4 monoclonal antibody with

antiidiotype to anti-HIV type 1 glycoprotein 120. Karpatkin S, et al. *AIDS Res Hum Retroviruses* 1995 Apr;11(4):509-15

## IMMUNOLOGY

Analysis of human monoclonal antibodies elicited by vaccination with a *Cryptococcus neoformans* glucuronoxylomannan capsular polysaccharide vaccine. Pirofski L, et al. *Infect Immun* 1995 Aug;63(8):3005-14

Epitope mapping of the V3 domain of feline immunodeficiency virus envelope glycoprotein by monoclonal antibodies. Lombardi S, et al. *J Gen Virol* 1995 Aug;76 ( Pt 8):1893-9

Monoclonal antibodies raised against covalently crosslinked complexes of human immunodeficiency virus type 1 gp120 and CD4 receptor identify a novel complex-dependent epitope on gp 120. DeVico AL, et al. *Virology* 1995 Aug 20;211(2):583-8

## PHARMACOLOGY

A rat monoclonal anti-(human CD2) and L-leucine methyl ester impacts on human/SCID mouse graft and B lymphoproliferative syndrome. Bombil F, et al. *Cancer Immunol Immunother* 1995 Jun; 40(6):383-9

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Activity of pentostam (sodium stibogluconate) against cutaneous leishmaniasis in mice treated with neutralizing anti-interferon-gamma antibody. Nabors GS, et al. *Am J Trop Med Hyg* 1995 Jul;53(1):55-60

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Mapping of linear epitopes of the regulatory proteins of human T cell lymphotropic virus (HTLV) type II: identification of an HTLV-IIb-restricted epitope. Pardi D, et al. *J Infect Dis* 1995 Aug;172(2):554-7

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##### METABOLISM

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Identification of an idiotypic peptide recognized by autoantibodies in human immunodeficiency virus-1-infected individuals. Wang QL, et al. J Clin Invest 1995 Aug; 96(2):775-80

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#### CHEMISTRY

The principal neutralizing determinant of HIV-1 located in V3 of gp120 forms a 12-residue loop by internal hydrophobic interactions. Zvi A, et al. FEBS Lett 1995 Jul 17; 368(2):267-70

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Monoclonal antibodies raised against covalently crosslinked complexes of human immunodeficiency virus type 1 gp120 and CD4 receptor identify a novel complex-dependent epitope on gp 120. DeVico AL, et al. Virology 1995 Aug 20;211(2):583-8

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Attachment of an oligopeptide epitope to the C-terminus of recombinant SIV gp160 facilitates the construction of SMAA complexes while preserving CD4 binding. Hanke T, et al. J Virol Methods 1995 May;53(1):149-56

#### ANTIGENS, BACTERIAL

##### IMMUNOLOGY

The outer surface lipoprotein A of *Borrelia burgdorferi* provides direct and indirect augmenting/co-stimulatory signals for the activation of CD4+ and CD8+ T cells [corrected and republished in Immunol Lett 1995 Jun;46(3):137-42] Simon MM, et al. Immunol Lett 1995 Feb;45(1-2):137-42

#### ANTIGENS, CD

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Enrichment of bone marrow and blood progenitor (CD34+) cells by density gradients with sufficient yields for transplantation. Schriber JR, et al. Exp Hematol 1995 Aug;23(9):1024-9

##### IMMUNOLOGY

CD8 T cell activation after intravenous administration of CD3 x

CD19 bispecific antibody in patients with non-Hodgkin lymphoma. de Gast GC, et al. *Cancer Immunol Immunother* 1995 Jun;40(6):390-6

#### METABOLISM

Role of virion-associated glycosylphosphatidylinositol-linked proteins CD55 and CD59 in complement resistance of cell line-derived and primary isolates of HIV-1. Saifuddin M, et al. *J Exp Med* 1995 Aug 1;182(2):501-9

#### ANTIGENS, CD2

#### IMMUNOLOGY

A rat monoclonal anti-(human CD2) and L-leucine methyl ester impacts on human/SCID mouse graft and B lymphoproliferative syndrome. Bombil F, et al. *Cancer Immunol Immunother* 1995 Jun; 40(6):383-9

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#### IMMUNOLOGY

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Induction of human T cells that coexpress CD4 and CD8 by an immunomodulatory protein produced by *Actinobacillus actinomycetemcomitans*. Shenker BJ, et al. *Cell Immunol* 1995 Aug;164(1):36-46

A macaque adherent cell line that expresses human CD4 is susceptible to SIV: utility for assessing neutralizing antibody. Goldstein S, et al. *J Virol Methods* 1995 May; 53(1):139-48

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Production of a human anti-CD4 monoclonal antibody with antiidiotypic to anti-HIV type 1 glycoprotein 120. Karpatkin S,

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Distinct signaling properties identify functionally different CD4 epitopes. Baldari CT, et al. *Eur J Immunol* 1995 Jul; 25(7):1843-50

Administration of anti-CD4 monoclonal antibody with intrathymic injection of alloantigen results in rat cardiac allograft tolerance. Arima T, et al. *Surgery* 1995 Aug;118(2):265-72; discussion 272-3

Monoclonal antibodies raised against covalently crosslinked complexes of human immunodeficiency virus type 1 gp120 and CD4 receptor identify a novel complex-dependent epitope on gp 120. DeVico AL, et al. *Virology* 1995 Aug 20;211(2):583-8

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Involvement of the V1/V2 variable loop structure in the exposure of human immunodeficiency virus type 1 gp120 epitopes induced by receptor binding. Wyatt R, et al. *J Virol* 1995 Sep; 69(9):5723-33

Attachment of an oligopeptide epitope to the C-terminus of recombinant SIV gp160 facilitates the construction of SMAA complexes while preserving CD4 binding. Hanke T, et al. *J Virol Methods* 1995 May;53(1):149-56

CD 26--to be or not to be a cofactor for CD 4 receptor of human immunodeficiency viruses. Popescu A, et al. *Rev Roum Virol* 1994 Jul-Dec;45(3-4):203-9 (41 ref.)

#### PHYSIOLOGY

Outcome of infection with different strains of *Trypanosoma cruzi* in mice lacking CD4 and/or CD8. Rottenberg ME, et al. *Immunol Lett* 1995 Feb;45(1-2):53-60

The alpha-glucosidase inhibitor N-butyldeoxynojirimycin inhibits human immunodeficiency virus entry at the level of post-CD4 binding. Fischer PB, et al. *J Virol* 1995 Sep; 69(9):5791-7

#### ANTIGENS, CD8

#### BIOSYNTHESIS

Induction of human T cells that coexpress CD4 and CD8 by an immunomodulatory protein produced by *Actinobacillus actinomycetemcomitans*. Shenker BJ, et al. *Cell Immunol* 1995 Aug;164(1):36-46

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#### PHYSIOLOGY

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ANTIGENS, CD26

METABOLISM

CD 26--to be or not to be a cofactor for CD 4 receptor of human immunodeficiency viruses. Popescu A, et al. *Rev Roum Virol* 1994 Jul-Dec;45(3-4):203-9 (41 ref.)

ANTIGENS, CD28

PHYSIOLOGY

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ANTIGENS, DIFFERENTIATION

PHYSIOLOGY

CD28 and CTLA-4 have opposing effects on the response of T cells to stimulation [see comments] Krummel MF, et al. *J Exp Med* 1995 Aug 1;182(2):459-65

ANTIGENS, DIFFERENTIATION, B-LYMPHOCYTE

IMMUNOLOGY

CD8 T cell activation after intravenous administration of CD3 x CD19 bispecific antibody in patients with non-Hodgkin lymphoma. de Gast GC, et al. *Cancer Immunol Immunother* 1995 Jun;40(6):390-6

ANTIGENS, LY

ANALYSIS

Ly-6C is a marker of memory CD8+ T cells. Walunas TL, et al. *J Immunol* 1995 Aug 15;155(4):1873-83

ANTIGENS, PROTOZOAN

IMMUNOLOGY

Determinant flanking regions and the design of appropriate vaccines. Soares L, et al. *Ann N Y Acad Sci* 1995 May 31; 754:48-56

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Relative perforin- and Fas-mediated lysis in T1 and T2 CD8 effector populations. Carter LL, et al. *J Immunol* 1995 Aug 1; 155(3):1028-31

ANTIGENS, VIRAL

Mapping of linear epitopes of the regulatory proteins of human T cell lymphotropic virus (HTLV) type II: identification of an HTLV-IIb-restricted epitope. Pardi D, et al. *J Infect Dis* 1995 Aug;172(2):554-7

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Delineation of an immunodominant and human T-cell lymphotropic virus (HTLV)-specific epitope within the HTLV-I transmembrane glycoprotein. Hadlock KG, et al. *Blood* 1995 Aug 15; 86(4):1392-9

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Construction of a superantigen through a structural modification of an inactive protein. Imberti L, et al. *Ann N Y Acad Sci* 1995 Jul 7;756:117-9

ANTIMONY SODIUM GLUCONATE

PHARMACOLOGY

Activity of pentostam (sodium stibogluconate) against cutaneous leishmaniasis in mice treated with neutralizing anti-interferon-gamma antibody. Nabors GS, et al. *Am J Trop Med Hyg* 1995 Jul;53(1):55-60

ANTINEOPLASTIC AGENTS

ADVERSE EFFECTS

[Secondary sclerosing cholangitis] Amor A, et al. *Presse Med* 1995 Jun 3;24(20):948-52 (23 ref.) (Eng. Abstr.) (Fre)

CHEMISTRY

Synthesis and evaluation of aminoadamantane derivatives for in vitro anti-HIV and antitumor activities. da Settimo A, et al. *Farmaco* 1995 May;50(5):321-6

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Evaluation of the anticancer property of a new alpha-methylene-gamma-lactone derivative of phthalimide. Sanyal U, et al. *Neoplasma* 1995;42(3):129-32

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Topotecan now available for HIV, PML research. *AIDS Treat News* 1995 Apr 7;(no 220):4

Partial degradation of T-cell signal transduction molecules by contaminating granulocytes during protein extraction of splenic T cells from tumor-bearing mice. Franco JL, et al. *Cancer Res* 1995 Sep 1;55(17):3840-6

#### ANTINEOPLASTIC AGENTS, COMBINED

##### THERAPEUTIC USE

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Takahashi Y, et al. *Carbohydr Res* 1995 Apr 18;270(1):77-83

Synthesis of toddacoumaquinone, a coumarin-naphthoquinone dimer, and its antiviral activities. Ishikawa T, et al. *Chem Pharm Bull (Tokyo)* 1995 Jun;43(6):1039-41

Synthesis and antiviral activity of 6-benzyl analogs of 1-[(2-hydroxyethoxy)methyl]-6-(phenylthio)thymine (HEPT) as potent and selective anti-HIV-1 agents. Tanaka H, et al. *J Med Chem* 1995 Jul 21;38(15):2860-5

##### CHEMISTRY

Synthesis and evaluation of aminoadamantane derivatives for in vitro anti-HIV and antitumor activities. da Settimo A, et al. *Farmaco* 1995 May;50(5):321-6

##### ISOLATION & PURIFICATION

A novel phorbol ester from *Excoecaria agallocha*. Erickson KL, et al. *J Nat Prod* 1995 May;58(5):769-72

##### METABOLISM

Efficient incorporation of anti-HIV deoxynucleotides by recombinant yeast mitochondrial DNA polymerase. Eriksson S, et

al. *J Biol Chem* 1995 Aug 11;270(32):18929-34

#### PHARMACOKINETICS

Pharmacokinetics of an anti-human immunodeficiency virus antisense oligodeoxynucleotide phosphorothioate (GEM 91) in HIV-infected subjects. Zhang R, et al. *Clin Pharmacol Ther* 1995 Jul;58(1):44-53

#### PHARMACOLOGY

Antiviral action of oligodeoxyguanylic acids against human immunodeficiency virus type 1. Fujihashi T, et al. *AIDS Res Hum Retroviruses* 1995 Apr;11(4):461-71

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National Academy of Sciences convenes public hearing on HIV and the blood supply. Dubin CS. Common Factor 1995 Apr;(no 10):4  
Hospital laundry bloodborne pathogens alert. Goodman G. Exec Housekeep Today 1995 Jul;16(7):22-3, 26  
Reporting of occupational exposures to blood-borne pathogens in Australian teaching hospitals [see comments] MacDonald MA, et al. Med J Aust 1995 Aug 7;163(3):121-3

## BLOOD COAGULATION FACTORS

### ANALYSIS

The Canadian Hemophilia Registry as the basis for a national system for monitoring the use of factor concentrates. Walker I, et al. Transfusion 1995 Jul;35(7):548-51

## BLOOD DONORS

Update: HIV-2 infection among blood and plasma donors--United States, June 1992-June 1995. MMWR Morb Mortal Wkly Rep 1995 Aug 18;44(32):603-6  
Incidence of HIV infection in first-time blood donors [letter] Buckle GC, et al. S Afr Med J 1995 May;85(5):396-7  
Contribution of polymerase chain reaction and radioimmunoprecipitation assay in the confirmation of human T-lymphotropic virus infection in French blood donors. Retrovirus Study Group of the French Society of Blood Transfusion. Defer C, et al. Transfusion 1995 Jul; 35(7):596-600  
[Model calculations for HIV screening of blood and plasma donors with a combination of 2 screening tests: test strategies, validity, costs and effectiveness] Abel U, et al. Infusionsther Transfusionsmed 1995 Jun;22(3):175-85 (Eng. Abstr.) (Ger)

## BLOOD GLUCOSE

### METABOLISM

Cerebral metabolic change in patients with AIDS: report of a six-month follow-up using positron-emission tomography. Hinkin CH, et al. J Neuropsychiatry Clin Neurosci 1995 Spring; 7(2):180-7

## BLOOD PROTEINS

### CHEMISTRY

Early detection of catabolic state via change in 13C/12C ratios

of blood proteins. Hatch KA, et al. Biochem Biophys Res Commun 1995 Jul 26;212(3):719-26

## METABOLISM

Early detection of catabolic state via change in 13C/12C ratios of blood proteins. Hatch KA, et al. Biochem Biophys Res Commun 1995 Jul 26;212(3):719-26

## PHARMACOLOGY

Antiviral effects of plasma and milk proteins: lactoferrin shows potent activity against both human immunodeficiency virus and human cytomegalovirus replication in vitro. Harmsen MC, et al. J Infect Dis 1995 Aug;172(2):380-8

## BLOOD TRANSFUSION

Transfusion practices in human immunodeficiency virus-infected patients. Popovsky MA, et al. Transfusion 1995 Jul;35(7):612-6

## ADVERSE EFFECTS

Physicians' attitudes toward a pediatric notification program of transfusion-related human immunodeficiency virus risk. McCrindle BW, et al. Arch Pediatr Adolesc Med 1995 Aug; 149(8):928-30  
Estimation of the size of the HIV/AIDS epidemic due to blood transfusion in France. Le Pont F, et al. Int J Epidemiol 1995 Apr;24(2):441-5  
Patterns of care for and outcomes of Pneumocystis carinii pneumonia among persons with transfusion-acquired AIDS. Bennett CL, et al. Transfusion 1995 Aug;35(8):674-8  
[Residual risk of retrovirus transmission by transfusions] Soriano V, et al. Rev Clin Esp 1995 Jun;195(6):418-24 (87 ref.) (Spa)

## ECONOMICS

How much would the safety of blood transfusion be improved by including p24 antigen in the battery of tests? Le Pont F, et al. Transfusion 1995 Jul;35(7):542-7

## LEGISLATION & JURISPRUDENCE

Dutch face up to blood scandal [news] Sheldon T. BMJ 1995 Aug 5;311(7001):347

## BODY FLUIDS

ENV-specific cytotoxic T lymphocyte responses in HIV seronegative health care workers occupationally exposed to HIV-contaminated body fluids. Pinto LA, et al. J Clin Invest 1995 Aug;96(2):867-76

## PARASITOLOGY

[Detection of Toxoplasma gondii DNA in body fluids by polymerase chain reaction] Gol[ab E. Wiad Parazytol 1995; 41(1):13-8 (Eng. Abstr.) (Pol)

## BONE AND BONES

## PHYSIOLOGY

Sensitivity of osteoinductive activity of demineralized and defatted rat femur to temperature and duration of heating. Ito T, et al. Clin Orthop 1995 Jul;(316):267-75

## BONE MARROW

### CYTOLOGY

Enrichment of bone marrow and blood progenitor (CD34+) cells by density gradients with sufficient yields for transplantation. Schriber JR, et al. Exp Hematol 1995 Aug;23(9):1024-9

### PATHOLOGY

Recognition of clonogenic leukemic cells, remission bone marrow and HLA-identical donor bone marrow by CD8+ or CD4+ minor histocompatibility antigen-specific cytotoxic T lymphocytes. Faber LM, et al. J Clin Invest 1995 Aug;96(2):877-83

## BONE MARROW DISEASES

### ETIOLOGY

[Pneumonia and bone marrow infection with Rhodococcus equi in an AIDS patient (letter)] Delgado Cirerol V, et al. Med Clin (Barc) 1995 May 6;104(17):678 (6 ref.) (Spa)

## BONE MARROW TRANSPLANTATION

No cheers for baboon to AIDS patient xenotransplant [news] Thompson C. Lancet 1995 Aug 5;346(8971):369-70

### ADVERSE EFFECTS

Herpes zoster in children with bone marrow transplantation: Report from a single institution. Nakayama H, et al. Acta Paediatr Jpn 1995 Jun;37(3):302-7

## BONE TRANSPLANTATION

Infections and immunological hazards of allogeneic bone transplantation. Hofmann GO, et al. Arch Orthop Trauma Surg 1995;114(3):159-66 (47 ref.)

### ADVERSE EFFECTS

[Analysis of restraint of the femur head. Experimental study of allograft of cold bone and autoclaved bone to kill the HIV virus] Allogo JJ, et al. Bull Assoc Anat (Nancy) 1995 Mar; 79(244):11-3 (Eng. Abstr.) (Fre)

### PHYSIOLOGY

Sensitivity of osteoinductive activity of demineralized and defatted rat femur to temperature and duration of heating. Ito T, et al. Clin Orthop 1995 Jul;(316):267-75

## BORRELIA BURGdorFERI

## IMMUNOLOGY

The outer surface lipoprotein A of Borrelia burgdorferi provides direct and indirect augmenting/co-stimulatory signals for the activation of CD4+ and CD8+ T cells [corrected and republished in Immunol Lett 1995 Jun;46(3):137-42] Simon MM, et al. Immunol Lett 1995 Feb;45(1-2):137-42

## BOSTON

Guidelines for management of HIV infection with computer-based patient's record. Safran C, et al. Lancet 1995 Aug 5; 346(8971):341-6

## BRADYKININ

### ANALOGS & DERIVATIVES

Identification of receptor ligands and receptor subtypes using antagonists in a capillary electrophoresis single-cell biosensor separation system. Fishman HA, et al. Proc Natl Acad Sci U S A 1995 Aug 15;92(17):7877-81

### ANALYSIS

Identification of receptor ligands and receptor subtypes using antagonists in a capillary electrophoresis single-cell biosensor separation system. Fishman HA, et al. Proc Natl Acad Sci U S A 1995 Aug 15;92(17):7877-81

## BRAIN

### PATHOLOGY

Idiopathic hypereosinophilic syndrome with a radiologic pattern of central pontine myelinolysis [letter] Menage P, et al. Eur Neurol 1995;35(3):174-5

The use of combined in situ hybridization and immunocytochemistry to identify HIV-infected cells in brain tissue. Shapshak P, et al. Mod Pathol 1992 Nov;5(6):649-54  
Stereotactic brain biopsies in AIDS patients: superior diagnostic yield with side-cutting needle than with cup forceps. Hirschfeld A, et al. Stereotact Funct Neurosurg 1994; 63(1-4):150-3

### RADIONUCLIDE IMAGING

Cerebral metabolic change in patients with AIDS: report of a six-month follow-up using positron-emission tomography. Hinkin CH, et al. J Neuropsychiatry Clin Neurosci 1995 Spring; 7(2):180-7

### VIROLOGY

The use of combined in situ hybridization and immunocytochemistry to identify HIV-infected cells in brain tissue. Shapshak P, et al. Mod Pathol 1992 Nov;5(6):649-54

## BRAIN DISEASES

### RADIONUCLIDE IMAGING

Viral infections of the brain. Masdeu JC, et al. J Neuroimaging 1995 Jul;5 Suppl 1:S40-4 (23 ref.)

#### VIROLOGY

Cerebral mass lesions due to cytomegalovirus in patients with AIDS: report of two cases. Dyer JR, et al. J Infect 1995 Mar; 30(2):147-51

Viral infections of the brain. Masdeu JC, et al. J Neuroimaging 1995 Jul;5 Suppl 1:S40-4 (23 ref.)

#### BRAIN NEOPLASMS

##### EPIDEMIOLOGY

Increasing incidence of primary central nervous system lymphoma (PCNSL) in the elderly: Florida Cancer Data Systems (FCDS) (Meeting abstract). Phuphanich S, et al. Proc Annu Meet Am Soc Clin Oncol; 14:A421 1995

#### BRAIN STEM

Brain stem encephalitis due to varicella-zoster virus in a patient with AIDS. Moulignier A, et al. Clin Infect Dis 1995 May;20(5):1378-80

#### BRAZIL

The tax mutation at nucleotide 7959 of human T-cell leukemia virus type 1 (HTLV-1) is not associated with tropical spastic paraparesis/HTLV-1-associated myelopathy but is linked to the cosmopolitan molecular genotype [letter] Mahieux R, et al. J Virol 1995 Sep;69(9):5925-7

Why Brazil should not be a site for AIDS vaccine trials [editorial] de Sa CA. Rev Paul Med 1994 Jul-Sep;112(3):577-9

##### EPIDEMIOLOGY

Neutralizing antibodies against highly cytopathic Zairian human immunodeficiency type-1 virus (HIV-1) NDK are present in sera outside Africa. Machado AA, et al. Vaccine 1995 Feb; 13(3):321-5

[Association of tuberculosis and HIV infection in Brazil] Kritski A, et al. Bol Oficina Sanit Panam 1995 Jun; 118(6):542-54 (Por)

#### BREAST FEEDING

Postnatal transmission of human immunodeficiency virus type 1: the breast-feeding dilemma. Van de Perre P. Am J Obstet Gynecol 1995 Aug;173(2):483-7

Medication use in HIV+ mothers who breastfeed. Christman A. J Hum Lact 1995 Jun;11(2):133-5

#### BREAST NEOPLASMS

##### IMMUNOLOGY

Evidence of a clonal T-cell immune response in patients with breast cancer (Meeting abstract). Ito K, et al. Proc Annu Meet Am Soc Clin Oncol; 14:A108 1995

#### PATHOLOGY

Enrichment of bone marrow and blood progenitor (CD34+) cells by density gradients with sufficient yields for transplantation. Schriber JR, et al. Exp Hematol 1995 Aug;23(9):1024-9

#### BRITISH COLUMBIA

Patterns of care in advanced HIV disease in a tertiary treatment centre. Goldstone I, et al. AIDS Care 1995;7 Suppl 1:S47-56

#### BRONCHI

##### PATHOLOGY

Pulmonary lymphoid disorders. Koss MN. Semin Diagn Pathol 1995 May;12(2):158-71 (106 ref.)

#### BRONCHIAL DISEASES

##### ETIOLOGY

Another cause of endobronchial lesions found in HIV patients [letter] Canfrere I, et al. Chest 1995 Aug;108(2):587-8

#### BRONCHIAL FISTULA

##### COMPLICATIONS

Esophago-airway fistula in AIDS. Temes RT, et al. Ann Thorac Surg 1995 Aug;60(2):440-2

#### BRONCHIOLITIS

##### IMMUNOLOGY

Increase in activated CD8+ cells in bronchoalveolar lavage fluid in patients with diffuse panbronchiolitis. Mukae H, et al. Am J Respir Crit Care Med 1995 Aug;152(2):613-8

#### BRONCHOALVEOLAR LAVAGE FLUID

[Reversible pulmonary overload with clofazimine (Lamprene) in HIV-positive subjects (letter)] Finet JF, et al. Ann Pathol 1995;15(3):224-5 (Fre)

##### CYTOLOGY

Selective early increases of bronchoalveolar CD8+ lymphocytes in a LEW rat model of hypersensitivity pneumonitis. Richerson HB, et al. J Allergy Clin Immunol 1995 Jul;96(1):113-21

##### IMMUNOLOGY

Increase in activated CD8+ cells in bronchoalveolar lavage fluid in patients with diffuse panbronchiolitis. Mukae H, et al. Am J Respir Crit Care Med 1995 Aug;152(2):613-8

##### VIROLOGY

BAL fluid analysis and HIV-1 infection [letter] Clarke JR, et

al. Thorax 1995 Jun;50(6):701-2

## BURKITT'S LYMPHOMA

### COMPLICATIONS

[Tracheal stenosis, an unusual mode of revealing Burkitt's lymphoma in AIDS (letter)] Perrin C, et al. Presse Med 1995 Jun 3;24(20):958 (Fre)

### THERAPY

The prospects for immunotherapy of virus associated cancers (Meeting abstract). Melief CJ. Br J Cancer; 69(Suppl 21):4 1994

## BURUNDI

Radiographic abnormalities in tuberculosis and risk of coexisting human immunodeficiency virus infection. Methods and preliminary results from Bujumbura, Burundi. Mlika-Cabanne N, et al. Am J Respir Crit Care Med 1995 Aug;152(2):794-9

Radiographic abnormalities in tuberculosis and risk of coexisting human immunodeficiency virus infection. Results from Dar-es-Salaam, Tanzania, and scoring system. Mlika-Cabanne N, et al. Am J Respir Crit Care Med 1995 Aug; 152(2):786-93

## BYELARUS

### EPIDEMIOLOGY

Simultaneous introduction of distinct HIV-1 subtypes into different risk groups in Russia, Byelorussia and Lithuania. Lukashov VV, et al. AIDS 1995 May;9(5):435-9

## CACHEXIA

### DRUG THERAPY

New drug to treat wasting syndrome. Common Factor 1995 Apr;(no 10):19

Medical marijuana: to prescribe or not to prescribe, that is the question [editorial] Stimmel B. J Addict Dis 1995; 14(1):1-3

Marijuana, the AIDS wasting syndrome, and the U.S. government [letter] Grinspoon L, et al. N Engl J Med 1995 Sep 7; 333(10):670-1

## CALCIUM

### METABOLISM

HIV-1 coat protein gp120-induced increases in levels of intrasynaptosomal calcium. Nath A, et al. Brain Res 1995 Apr 24;678(1-2):200-6

Distinct signaling properties identify functionally different CD4 epitopes. Baldari CT, et al. Eur J Immunol 1995 Jul; 25(7):1843-50

Conformational changes induced in the endoplasmic reticulum luminal domain of calnexin by Mg-ATP and Ca<sup>2+</sup>. Ou WJ, et al. J Biol Chem 1995 Jul 28;270(30):18051-9

## PHYSIOLOGY

Induction of the increased Fyn kinase activity in anergic T helper type 1 clones requires calcium and protein synthesis and is sensitive to cyclosporin A. Gajewski TF, et al. Eur J Immunol 1995 Jul;25(7):1836-42

Calcium depletion from the endoplasmic reticulum activates the double-stranded RNA-dependent protein kinase (PKR) to inhibit protein synthesis. Srivastava SP, et al. J Biol Chem 1995 Jul 14;270(28):16619-24

## CALCIUM-BINDING PROTEINS

### CHEMISTRY

A protease assay using time-resolved lanthanide luminescence from an engineered calcium binding protein substrate. Clark ID, et al. Clin Biochem 1995 Apr;28(2):131-5

### METABOLISM

Conformational changes induced in the endoplasmic reticulum luminal domain of calnexin by Mg-ATP and Ca<sup>2+</sup>. Ou WJ, et al. J Biol Chem 1995 Jul 28;270(30):18051-9

## CALIFORNIA

### EPIDEMIOLOGY

Psychosocial predictors of AIDS risk behavior and drug use behavior in homeless and drug addicted women of color. Nyamathi A, et al. Health Psychol 1995 May;14(3):265-73

## CAMBODIA

[Severe pulmonary and meningeal cryptococcosis in an immunocompetent Cambodian] L'Her P, et al. Med Trop (Mars) 1995;55(1):61-4 (Eng. Abstr.) (Fre)

### EPIDEMIOLOGY

[Cambodia: the undermining by AIDS or the difficult rebuilding of a destroyed country] L'Her P, et al. Med Trop (Mars) 1995; 55(1):21-5 (Fre)

## CAMEROON

HIV-1 group O infection in Belgium. Peeters M, et al. Acta Clin Belg 1995;50(3):171-3

### ETHNOLOGY

Variability of human immunodeficiency virus type 1 group O strains isolated from Cameroonian patients living in France. Loussert-Ajaka I, et al. J Virol 1995 Sep;69(9):5640-9

## CAMPTOTHECIN

### THERAPEUTIC USE

Topotecan now available for HIV, PML research. AIDS Treat News

1995 Apr 7;(no 220):4

## CANADA

Physicians' attitudes toward a pediatric notification program of transfusion-related human immunodeficiency virus risk. McCrindle BW, et al. Arch Pediatr Adolesc Med 1995 Aug; 149(8):928-30

Psychiatrists campaign to attract colleagues to treat HIV-disease patients. Birenbaum R. Can Med Assoc J 1995 Sep 1; 153(5):647-9

Requests approaching 50,000 annually for emergency drug release program. Robinson A. Can Med Assoc J 1995 Sep 1;153(5):665-6

## EPIDEMIOLOGY

The Canadian Hemophilia Registry as the basis for a national system for monitoring the use of factor concentrates. Walker I, et al. Transfusion 1995 Jul;35(7):548-51

## CANDIDA

### DRUG EFFECTS

Can we prevent azole resistance in fungi? Denning DW. Lancet 1995 Aug 19;346(8973):454-5 (13 ref.)

## CANDIDIASIS

### COMPLICATIONS

Acute renal failure in a human immunodeficiency virus-infected child secondary to bilateral fungus ball formation. Papaevangelou V, et al. Pediatr Infect Dis J 1995 May; 14(5):401-3

### DRUG THERAPY

Azole-resistant oropharyngeal and esophageal candidiasis in patients with AIDS [letter] Horn CA, et al. AIDS 1995 May; 9(5):533-4

Can we prevent azole resistance in fungi? Denning DW. Lancet 1995 Aug 19;346(8973):454-5 (13 ref.)

## IMMUNOLOGY

TGF-beta is important in determining the in vivo patterns of susceptibility or resistance in mice infected with Candida albicans. Spaccapelo R, et al. J Immunol 1995 Aug 1; 155(3):1349-60

## CANDIDIASIS, ORAL

### DRUG THERAPY

Oropharyngeal candidiasis in immunocompromised children: a randomized, multicenter study of orally administered fluconazole suspension versus nystatin. The Multicenter Fluconazole Study Group. Flynn PM, et al. J Pediatr 1995 Aug; 127(2):322-8

## CANNABIS

Marijuana, the AIDS wasting syndrome, and the U.S. government [letter] Grinspoon L, et al. N Engl J Med 1995 Sep 7; 333(10):670-1

## CAPSID

### IMMUNOLOGY

Cytotoxic T cell response to Mengo virus in mice: effector cell phenotype and target proteins. Escriu N, et al. J Gen Virol 1995 Aug;76 ( Pt 8):1999-2007

### METABOLISM

Nucleocapsid protein effects on the specificity of retrovirus RNA encapsidation. Zhang Y, et al. J Virol 1995 Sep; 69(9):5716-22

### PHARMACOLOGY

Analysis of the nucleic acid annealing activities of nucleocapsid protein from HIV-1. Lapadat-Tapolsky M, et al. Nucleic Acids Res 1995 Jul 11;23(13):2434-41

## CARBON

### ANALYSIS

Early detection of catabolic state via change in 13C/12C ratios of blood proteins. Hatch KA, et al. Biochem Biophys Res Commun 1995 Jul 26;212(3):719-26

## CARBON ISOTOPES

Early detection of catabolic state via change in 13C/12C ratios of blood proteins. Hatch KA, et al. Biochem Biophys Res Commun 1995 Jul 26;212(3):719-26

## CARBOXIN

### ANALOGS & DERIVATIVES

Synergistic inhibition of HIV-1 reverse transcriptase DNA polymerase activity and virus replication in vitro by combinations of carboxanilide nonnucleoside compounds. Fletcher RS, et al. Biochemistry 1995 Aug 15;34(32):10106-12

## CARCINOMA, BRONCHOGENIC

### ETIOLOGY

[1995] pneumology update. Progress and perspectives in pneumology. Paradigms of change (II) Kroegel C, et al. Med Klin 1995 Jun 15;90(6):343-57 (178 ref.) (Ger)

## CARCINOMA, HEPATOCELLULAR

### ENZYMOLGY

Cytokine regulation of HIV-1 LTR transactivation in human hepatocellular carcinoma cell lines. Hsu ML, et al. Cancer

Lett 1995 Jul 20;94(1):41-8

## CARCINOMA, RENAL CELL

### THERAPY

Partial degradation of T-cell signal transduction molecules by contaminating granulocytes during protein extraction of splenic T cells from tumor-bearing mice. Franco JL, et al. Cancer Res 1995 Sep 1;55(17):3840-6

## CARCINOMA, SQUAMOUS CELL

### COMPLICATIONS

Epidermoid anal cancer in HIV-infected patients (Meeting abstract). Bottomley D, et al. Br J Cancer; 70(Suppl 22):17 1994

### RADIOTHERAPY

[Cellular immune defect caused by postoperative irradiation in patients with squamous epithelial carcinomas of the upper aerodigestive tract] Maier H, et al. HNO 1995 Jun;43(6):364-70 (Eng. Abstr.) (Ger)

## CARDIOPULMONARY RESUSCITATION

Cameo of caring: George. Grem CA. J Christ Nurs 1995 SUM; 12(3):9

## CARDIOVIRUS INFECTIONS

### IMMUNOLOGY

Cytotoxic T cell response to Mengo virus in mice: effector cell phenotype and target proteins. Escriou N, et al. J Gen Virol 1995 Aug;76 ( Pt 8):1999-2007

## CAREGIVERS

Infection control, human immunodeficiency virus, and home health care: II. Risk to the caregiver. Valenti WM. Am J Infect Control 1995 Apr;23(2):78-81

### PSYCHOLOGY

Carers' burden and adjustment to HIV. Pakenham KI, et al. AIDS Care 1995;7(2):189-203

## CARIBBEAN REGION

Nucleotide sequence variation of the envelope protein gene identifies two distinct genotypes of yellow fever virus. Chang GJ, et al. J Virol 1995 Sep;69(9):5773-80

The tax mutation at nucleotide 7959 of human T-cell leukemia virus type 1 (HTLV-1) is not associated with tropical spastic paraparesis/HTLV-1-associated myelopathy but is linked to the cosmopolitan molecular genotype [letter] Mahieux R, et al. J Virol 1995 Sep;69(9):5925-7

### ETHNOLOGY

The effectiveness of video-based interventions in promoting condom acquisition among STD clinic patients. O'Donnell L, et al. Sex Transm Dis 1995 Mar-Apr;22(2):97-103

## CAROTID ARTERY DISEASES

### DIAGNOSIS

Endovascular treatment of epistaxis in a patient with tuberculosis and a giant petrous carotid pseudoaneurysm. Cross DT 3rd, et al. AJNR Am J Neuroradiol 1995 May;16(5):1084-6

## CARRIER PROTEINS

### METABOLISM

Cyclophilin binding to the human immunodeficiency virus type 1 Gag polyprotein is mimicked by an anti-cyclosporine antibody. Franke EK, et al. J Virol 1995 Sep;69(9):5821-3

## CARTILAGE

### PHYSIOLOGY

Nucleolar localization of parathyroid hormone-related peptide enhances survival of chondrocytes under conditions that promote apoptotic cell death. Henderson JE, et al. Mol Cell Biol 1995 Aug;15(8):4064-75

## CAT-SCRATCH DISEASE

### PATHOLOGY

Bacillary angiomatosis. Batsakis JG, et al. Ann Otol Rhinol Laryngol 1995 Aug;104(8):668-72 (10 ref.)

## CATIONS, DIVALENT

### PHARMACOLOGY

Divalent cation modulation of the ribonuclease functions of human immunodeficiency virus reverse transcriptase. Cirino NM, et al. Biochemistry 1995 Aug 8;34(31):9936-43

## CATTLE DISEASES

### IMMUNOLOGY

Are CD8 T cells involved in control of African trypanosomiasis in a natural host environment? Sileghem M, et al. Eur J Immunol 1995 Jul;25(7):1965-71

## CD4 LYMPHOCYTE COUNT

Comparison of the rates of CD4 count decline among HIV-infected women and men [letter] Beatty ME, et al. AIDS 1995 May; 9(5):529-30

T cell counts from "methadone" and "nonmethadone" groups [letter] Wodak A, et al. Am J Drug Alcohol Abuse 1995 May; 21(2):283-4

[Perceived emotional support of HIV-positive men in relation to

the stage of the disease] Woller W, et al. *Psychother Psychosom Med Psychol* 1995 Jun;45(6):208-14 (Eng. Abstr.) (Ger)

## CD4-POSITIVE T-LYMPHOCYTES

### CYTOLOGY

Strain-dependent migration of CD4 and CD8 lymphocyte subsets to lymph nodes in NOD (nonobese diabetic) and control mice. Faveeuw C, et al. *Dev Immunol* 1994;3(4):273-82

Essential role for ZAP-70 in both positive and negative selection of thymocytes. Negishi I, et al. *Nature* 1995 Aug 3; 376(6539):435-8

### DRUG EFFECTS

Decreases of CD4- and CD8-positive T lymphocytes in retired chromate workers. Tanigawa T, et al. *Am J Ind Med* 1995 Jun; 27(6):877-82

Proliferative response of human CD4+ T lymphocytes stimulated by the lectin jacalin. Blasco E, et al. *Eur J Immunol* 1995 Jul;25(7):2010-8

### IMMUNOLOGY

Phagocytosis of individual CD4+ T cells by HIV-induced T cell syncytia. Murphy S, et al. *AIDS Res Hum Retroviruses* 1995 Apr; 11(4):433-42

Unstimulated rheumatoid synovial T-cells have a consistent V beta gene bias when compared to peripheral blood T-cells. Cooper SM, et al. *Ann N Y Acad Sci* 1995 Jul 7;756:186-9

Analysis of the peripheral blood T-cell receptor repertoire in monozygotic twins discordant for rheumatoid arthritis. Gulwani-Akolkar B, et al. *Ann N Y Acad Sci* 1995 Jul 7; 756:176-8

T-cell receptor V beta gene utilization in rheumatoid arthritis. Jenkins RN, et al. *Ann N Y Acad Sci* 1995 Jul 7; 756:159-72

Partial degradation of T-cell signal transduction molecules by contaminating granulocytes during protein extraction of splenic T cells from tumor-bearing mice. Franco JL, et al. *Cancer Res* 1995 Sep 1;55(17):3840-6

Defects in antigen-driven lymphocyte responses in common variable immunodeficiency (CVID) are due to a reduction in the number of antigen-specific CD4+ T cells. Funauchi M, et al. *Clin Exp Immunol* 1995 Jul;101(1):82-8

Programmed death of T cells in HIV infection: result of immune activation? Meyaard L, et al. *Curr Top Microbiol Immunol* 1995; 200:213-21 (53 ref.)

Distinct signaling properties identify functionally different CD4 epitopes. Baldari CT, et al. *Eur J Immunol* 1995 Jul; 25(7):1843-50

Outcome of infection with different strains of *Trypanosoma cruzi* in mice lacking CD4 and/or CD8. Rottenberg ME, et al. *Immunol Lett* 1995 Feb;45(1-2):53-60

The outer surface lipoprotein A of *Borrelia burgdorferi* provides direct and indirect augmenting/co-stimulatory signals for the activation of CD4+ and CD8+ T cells [corrected and republished in *Immunol Lett* 1995 Jun;46(3):137-42] Simon MM, et al. *Immunol Lett* 1995 Feb;45(1-2):137-42

The effect of a single amino acid substitution within the V3

loop of HIV-1 gp120 on HLA-DR1-restricted CD4 T-cell recognition. Fernandez MH, et al. *Immunology* 1995 Jun; 85(2):176-83

CD4+ T cells play a significant role in adoptive immunity to *Chlamydia trachomatis* infection of the mouse genital tract. Su H, et al. *Infect Immun* 1995 Sep;63(9):3302-8

Recognition of clonogenic leukemic cells, remission bone marrow and HLA-identical donor bone marrow by CD8+ or CD4+ minor histocompatibility antigen-specific cytotoxic T lymphocytes. Faber LM, et al. *J Clin Invest* 1995 Aug;96(2):877-83

CD28 and CTLA-4 have opposing effects on the response of T cells to stimulation [see comments] Krummel MF, et al. *J Exp Med* 1995 Aug 1;182(2):459-65

Immunologic self-tolerance maintained by activated T cells expressing IL-2 receptor alpha-chains (CD25). Breakdown of a single mechanism of self-tolerance causes various autoimmune diseases. Sakaguchi S, et al. *J Immunol* 1995 Aug 1; 155(3):1151-64

Highly purified quiescent human peripheral blood CD4+ T cells are infectible by human immunodeficiency virus but do not release virus after activation. Tang S, et al. *J Virol* 1995 Sep;69(9):5659-65

Single cell analysis of cytokine gene coexpression during CD4+ T-cell phenotype development. Bucy RP, et al. *Proc Natl Acad Sci U S A* 1995 Aug 1;92(16):7565-9

CD4+ blood lymphocytes are rapidly killed in vitro by contact with autologous human immunodeficiency virus-infected cells. Nardelli B, et al. *Proc Natl Acad Sci U S A* 1995 Aug 1; 92(16):7312-6

### METABOLISM

HIV-1 envelope glycoproteins induce activation of activated protein-1 in CD4+ T cells. Chirmule N, et al. *J Biol Chem* 1995 Aug 18;270(33):19364-9

### PATHOLOGY

Programmed death of T cells in HIV infection: result of immune activation? Meyaard L, et al. *Curr Top Microbiol Immunol* 1995; 200:213-21 (53 ref.)

### VIROLOGY

Virus burden in long-term survivors of human immunodeficiency virus (HIV) infection is a determinant of anti-HIV CD8+ lymphocyte activity. Ferbas J, et al. *J Infect Dis* 1995 Aug; 172(2):329-39

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## ENCEPHALITOOZON CUNICULI

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Encephalitozoon cuniculi isolated from the urine of an AIDS patient, which differs from canine and murine isolates. Hollister WS, et al. J Eukaryot Microbiol 1995 Jul-Aug; 42(4):367-72

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## ETIOLOGY

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### PATHOLOGY

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## EOSINOPHILS

### PATHOLOGY

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### DIAGNOSIS

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### BIOSYNTHESIS

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#### GENE PRODUCTS, VPR

##### METABOLISM

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#### GENE PRODUCTS, VPU

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