

## VIRUS REVIEWS AND RESEARCH

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### **VOLUME 01, Nº 1-2, 1996**

Figueiredo LTM 1996. Dengue in Brazil I: history, epidemiology and research. *Virus Reviews & Research* 01 (1-2):9-16.

Schatzmayr HG, Nogueira RMR, Miagostovich MP 1996. Dengue in Brazil II: laboratory aspects and perspectives. *Virus Reviews & Research* 01(1-2):17-21.

Degállier N, Travassos da Rosa APA, Vasconcelos PFC, Travassos da Rosa JFS, Travassos da Rosa ES, Rodrigues SG 1996. Ecological aspects of arboviroses in Brazilian Amazonia, South America. *Virus Reviews & Research* 01(1-2):22-28.

Zanotto PMA 1996. The limits of molecular phylogeny: the case of the genus *Flavivirus* and the family *Flaviviridae*. *Virus Reviews & Research* 01(1-2):29-38.

Pinho JRR, Ballarati CAF 1996. Quality control of nucleic acid amplification methods for detection of Hepatitis B virus, Hepatitis C virus and Human Immunodeficiency virus. *Virus Reviews & Research* 01(1-2):39-46.

Carvalho ALT, Esquibel MA, Barradas MM 1996. Sweet potato virus diseases. *Virus Reviews & Research* 01(1-2): 47-60.

Freitas RB, Miranda MFR, Linhares AC 1996. Epidemiology and clinical features of parvovirus B19 infection in the Amazon region brief review. *Virus Reviews & Research* 01(1-2):61-66.

Waldman EA, Camargo MCC 1996. Current status of measles in Brazil. 1980-1995. *Virus Reviews & Research* 01(1-2):67-74.

Cardoso TC, Montassier HJ, Galletti MAM, Pinto AA 1996. Development and application of a sandwich Elisa to measure chicken antibodies to infectious bronchitis virus. *Virus Reviews & Research* 01(1-2):75-80.

## VOLUME 02, N° 1-2, 1997

Serrão D 1997. Bioethics can be the grand utopia of the 21st century. *Virus Reviews & Research* 02(1-2):7-12.

Granovski NN, Ioshimoto LM 1997. Is DNA immunization the following generation of Hepatitis B vaccine? *Virus Reviews & Research* 02(1-2):13-14.

Gouvêa V, Santos N 1997. Molecular epidemiology of rotavirus in Brazil: A model for the tropics? *Virus Reviews & Research* 02(1-2):15-24.

Levi JE, Wendel S 1997. Molecular biology in transfusion medicine. *Virus Reviews & Research* 02(1-2):25-33.

Timenetsky J 1997. Mycoplasma infection in cell cultures. *Virus Reviews & Research* 02(1-2):34-49.

Campalans J, Arns CW 1997. Serological evidence of bovine respiratory syncytial virus in Brazil. *Virus Reviews & Research* 02(1-2):50-56.

Lima JAA, Silveira SB, Sousa AEBA, Almeida AMR 1997. An efficient method for purification of soybean mosaic virus and production of highly specific policlonal antiserium. *Virus Reviews & Research* 02(1-2):57-67.

Linhares MIS, Freitas RB, Linhares AC, Coelho MRCD, Andrade CVC, Oliveira VF, Minamishima Y 1997. Prevalence of human cytomegalovirus antibodies in the Amerindian communities in Brazilian Amazonian Region. *Virus Reviews & Research* 02(1-2):68-73.

## **VOLUME 03, N° 1-2, 1998**

Oliveira MI, Curti SP, Figueiredo CA, Afonso AMS, Theobaldo M, Souza LTM, Liffick S, Rota P, Bellini WJ, Stewien KE, Durigon EL 1998. Genetic Analysis of Measles Virus in São Paulo, Brazil. *Virus Reviews & Research* 03(1-2):07-08.

Ueda M, Tanaka H, Kisielius JJ, Pires MFC, Weigl DR 1998. Importance of electron microscopy and its contribution to viral diagnosis. *Virus Reviews & Research* 03(1-2):19-36.

Dani SU, Uetsuki T, Nishimura I, Saito I, Yoshikawa K 1998. Improved adenovirus-mediated gene transfer to neurons in the brain: effect of intraparenchymal infection of hypertonic mannitol and concentration of the vector particles in the infusate. *Virus Reviews & Research* 03(1-2):41-49.

Ruchansky D, Sandin D, Picon T, Quian J, Chiparelli H, Russi JC 1998. Evaluation of a human immunodeficiency virus specific IgA capture enzyme immunoassay for the diagnosis of human immunodeficiency virus infection in infants. *Virus Reviews & Research* 03(1-2):50-56.

Lima JAA, Lima RCA, Gonçalves MFB, Sittolin IM 1998. Biological and serological characteristics of a genetically different cowpea server mosaic virus strain. *Virus Reviews & Research* 03(1-2):57-65.

Simoni IC, Fenimdes MJB, Madeira AMB, Mas CW 1998. Propagation of infectious bursal disease virus in continuous cell lines. *Virus Reviews & Research* 03(1-2):66-69.

Cardoso TC, Sousa RLM, Oliveira C, Montassier HJ, Pinto AA 1998. A Liquid-Phase Blocking ELISA for the detection of antibodies to infectious Bronchitis virus. *Virus Reviews & Research* 03(1-2):70-74.

Fukai K 1998. In Memoriam. *Virus Reviews Research* 03(1-2):75-76.

## **VOLUME 04, N° 01, 1999**

## VOLUME 05, N° 1, 2000

Silva VN, Pires MFC, Correa B 2000. Fungal viruses. *Virus Reviews & Research* 05(1):07-13.

Brentano L, Nogueira EO, Ferreira AJP 2000. Application of a PCR assay for detection of chicken anemia virus (CAV) in organ samples and comparison with viral isolation diagnosis. *Virus Reviews & Research* 05(01):14-21.

Carvalho AAB, Araújo-Jr JP, Montassier HJ 2000. A comparative serological study for the quantification of antibodies against foot-and-mouth disease virus in water buffalo sera, *Virus Reviews & Research* 05(1):22-30.

Soares RM, Barbosa ML, Botosso VF, Ikuno AA, Richtzenhain LJ 2000. Detection and identification of parvo-like particles on a C6/36 clone of *Aedes Albopictus* mosquito cell line by polymerase chain reaction. *Virus Reviews & Research* 05(1):31-36.

Targon MLPN, Machado MA, Souza AA, Müller GW 2000. Detection of severe isolates of citrus tristeza virus by bidirectional RT - PCR (BD - RT - PCR). *Virus Reviews & Research* 05(1):37-44.

Pezani EF, Rivas EB, Alexandre MAV, Duarte LML 2000. Comparative studies among tobamoviruses naturally infecting ornamental plants. *Virus Reviews & Research* 05(1):45-50.

Paiva TM, Ishida MA, Forléo-Neto E, Toniolo-Neto J, Gonçalves MG, Benega MA, Halker E, Cruz AS, Takimoto S 2000. Epidemiological study of influenza virus in Brazil from 1996-1998. *Virus Reviews & Research* 05(1):51-63.

## VOLUME 05, N° 2, 2000

Ventura AM 2000. Adenovirus vectors and their application in gene therapy. *Virus Reviews & Research* 05(2):7-12.

Fonseca FG, Kronn EG 2000. Poxvirus immune modulation: the secondary players. *Virus Reviews & Research* 05(2):13-24.

Borsato ML, Lisboa CP, Vieira AF, Toporovski J, Bruniera P, Stewien KE, Durigon EL 2000. Rapid detection of parvovirus B19 DNA in children with sickle cell anemia by nested polymerase chain reaction ("NESTED" PCR). *Virus Reviews & Research* 05(2):25-30.

Soares PBM, Crispim AD, Bentancourt POGS, Santos MAA 2000. A novel bromide salt virucidal active. *Virus Reviews & Research* 05(2):31-32.

Durigon EL, Erdman DD, Holloway BP, Anderson LJ 2000. Detection of human parvovirus B19 DNA by polymerase chain reaction using labeled primer pairs and solid-phase enzyme immunoassay. *Virus Reviews & Research* 05(2):33-36.

Costa CA, Stewien KE, Botosso VF, Soares PBM, Durigon EL 2000. Respiratory viruses screening in Brazilian Indians from Northern Amazon State. *Virus Reviews & Research* 05(2):37-40.

Rebagliatti P, Colina R, Garcia L, Uriarte R, Mogdasy C, Cristina J 2000. Hepatitis B virus core promoter genetic variability: the role of mutations in disease outcome. *Virus Reviews & Research* 05(2):41-48.

## VOLUME 06, Nº 1, 2001

Brandão PE, Gregori F, Heinemann MB, Lima CHA, Rosales CAR, Ruiz VLA, Jerez JA 2001. Animal coronaviruses. *Virus Reviews & Research* 06(1):7-13.

Coimbra TLM, Santos RN, Ferreira IB, Fialho DM, Mello ES, Ferreira, LMHL, Chamelety ELB 2001. Arenavirus: A fatal outcome. *Virus Reviews & Research* 06(1):14-16.

Cox J, Hess RL, Bettega JMR, Simões CMO, Barardi CRM 2001. Use of the comet assay for detection of DNA damage in oyster hemocytes from *crassostrea gigas* exposed *in vivo* to stressors. *Virus Reviews & Research* 06(1):17-22.

Marchetto MCN, Muotri AR, Magalhães GS, Zerbini LFC, Libermann T, Ventura AM, Menck CFM 2001. The EGFP recombinant adenovirus: an example of efficient gene delivery and expression in human cells. *Virus Reviews & Research* 06(1):Page 23-33.

Mazur C, Rangel-Filho, FB, Ferreira II, Galler R 2001. Identification and analysis of a putative RNA polymerase subunit gene of ORF virus. *Virus Reviews Research* 06(1):34-37.

## **VOLUME 06, N° 2, 2001**

De Oliveira Pinto LM 2001. Limits of anti-HIV chemotherapy. *Virus Reviews & Research* 06(2):Page 06-12.

Miagostovich MP, De Simone TS, Araujo ESM, Miranda LHA, Schatzmayr HG, Nogueira RMR 2001. Evaluation of IgM anti-dengue immune response in sequential infection. *Virus Reviews & Research* 06(2):13-19.

Filippis, AMB., Schatzmayr, HG., Simone, T., Miagostovich, MP., Tavares, AP., Sequeira, PC., Freire, MS. & Nogueira, RMR 2001. Viremia and immune response in vaccinees with yellow fever 17DD strain. *Virus Reviews & Research* 06(2):20-24.

Pinto MA, Marchevsky RS 2001. Serial opened biopsies applied in no human primate model to study the pathogenesis of hepatitis a virus. *Virus Reviews & Research* 06(2):26-33.

Lewis-Ximenez LL, Okamoto H, Quinn TC, Tsuda F, Coelho HSM, Schatzmayr HG, Yoshida CFT 2001. HCV infection among Brazilian patients with liver diseases. *Virus Reviews & Research* 06(2):34-42.

## **VOLUME 07, N° 1, 2002**

De Lemos ERS 2002. Rickettsial diseases in Brazil. *Virus Reviews & Research* 07(1):07-16.

Alexandre MAV, Galleti SR, Duarte LML, Miyai T, Rivas EB 2002. Bean yellow mosaic virus on gladiolus in Brazil. *Virus Reviews & Research* 07(1):17-21.

Rivas EB, Galleti SR, Alexandre MAV, Duarte LML, Seabra PV, Estelita MEM 2002. Tomato chlorotic spot virus (tospovirus) in dieffenbachia and bouvardia. *Virus Reviews & Research* 07(1):22-30.

Mancini DAP, Cianciarullo AM, Mendonça RZ, Dias ALF, Pinto JR, Beçak W 2002. Antigenic homology between two strains of A-influenza virus by serological tests and visualization of antigen-antibody complex by electron microscopy. *Virus Reviews & Research* 07(1):31-40.

Cavalcanti SMB, Ramos LM, Passos JVM, Carvalho MOO, Zardo LG, Oliveira LHS 2002. Protein P53 alterations associated to human papillomavirus infection and cervical cancer. *Virus Reviews & Research* 07(1):41-50.

Freire MS, Carvalho R, Yamamura AMY, Almeida LFC, Santos HHL, Borges MBJ, Mann GF 2002. Seroconversion following vaccination with the 17TH substrain of yellow fever virus. *Virus Reviews & Research* 07(1):51-56.

Marcovistz R, Cardenas LFP, Matos DCS, Gomes FHM, Silva AVM 2002. Thymocyte subsets and lymphocyte proliferation analysis in rabies infected mice. *Virus Reviews & Research* 07(1):Page 57-67.

Garcia L, Cristina J 2002. The core-directed immune response in Hepatitis C virus infection reveals a discontinuous epitope presented by the core N-terminal region. *Virus Reviews & Research* 07(1):68-77.

Ramos A, Mann G, Cerqueira M, Hokama D, Carvalho R, Brito E, Almeida LF, Dias-Carneiro L, Freire MS, Cabral MC 2002. Purification and analysis of 17TH yellow fever vaccine virus. *Virus Reviews & Research* 07(1):78-86.

## **VOLUME 07, N° 2, 2002**

Aquino VH, Arruda E, Figueiredo LTM 2002. Brazilian viruses in the genus orthobunyavirus. *Virus Reviews & Research* 07(2):07-22.

Schatzmayr HG 2002. Use of plants as vectors for production of biomedical products. *Virus Reviews & Research* 07(2):22-27.

Simoni IC, Fernandes MJB, Silva CCC, Arns CW, Madeira AMBN 2002. Use of RK-13 cell line for propagation of field strains and neutralization assay for infectious bursal disease virus. *Virus Reviews & Research* 07(2):28-37.

Paes MV, Barreto DF, Pinhão AT, Takiya CM, Côrtes LMC, Majerowicz S, Barth OM 2002. Ultrastructural aspects of mouse liver infected with dengue-2 virus. *Virus Reviews & Research* 07(2):38-46.

Barreto DF, Paes MV, Pinhão AT, Takiya CM, Côrtes LMC, Majerowicz S, Barth OM 2002. Mice lung experimentally infected with dengue-2 virus: ultrastructural aspects. *Virus Reviews & Research* 07(2):47-55.

Motta FC, Couceiro JNSS, Silva, MH 2002. The influence of non-specific serum inhibitors in enzyme immune assay used for detection of anthnfluenza antibodies. *Virus Reviews & Research* 07(2):56-62.

## VOLUME 08, N° 1-2, 2003

Mancini DAP, Mendonça RMZ, Dias ALF, Kawamoto AHN, Pinto JR, Mendonça RZ 2003. Receptor specificity of erythrocytes from different species related to swine, equine, avian and human influenza viruses. *Virus Reviews & Research* 08(1-2):07-15.

Oliveira ME, Resende M, Barros PP, Kalapothakis E 2003. Studies of biological and genomic relationships between two Brazilian isolates of bovine herpesvirus 1 and 5. *Virus Reviews & Research* 08(1-2):16-28.

Barth OM, Majerowicz S, Vitral CL, Yoshida CFT, Schatzmayr HG 2003. Ultrastructure of hepatocytes of a rhesus monkey infected with Hepatitis C virus. *Virus Reviews & Research* 08(1-2):29-34.

Arbiza J, Delfraro A, Frabasile S, Ruchansky D, Vitureria N, Sierra MJ, Berois M, Blanc A, Facal L, Negro C, Colina R, Hortal M, Russi JC 2003. Variable dominance of respiratory syncytial virus groups A and B in Uruguay during fourteen consecutive years (1988-2001). *Virus Reviews & Research* 08(1-2):35-41.

Cavalcanti SMB, Oliveira LHS 2003. Epidemiological aspects of human papillomavirus infection in the female genital tract. *Virus Reviews & Research* 08(1-2):42-47.

Schatzmayr HG 2003. Notes on Prion Research. *Virus Reviews & Research* 08(1-2):48-54.

## **VOLUME 09, N° 1, 2004**

Castro-Silva R, Siqueira MM, Segatto TCV, Lanzieri TJR, Barros F 2004. Measles: A molecular approach for surveillance. *Virus Reviews & Research* 09(1):07-16.

Enria, DA 2004. Human arenaviral infections. *Virus Reviews & Research* 09(1): Page 17-36

Silva FH, Ligenfritz CM, Nardi NB 2004. Feline immunodeficiency virus vectors in gene therapy. *Virus Reviews & Research* 09(1):37-43.

Camargos MF, Reis JKP, Leite RC 2004. Bovine leukemia virus. *Virus Reviews & Research* 09(1):44-59.

Moreira CR, Azeredo FM, Souza AV, Magalhães VD 2004. Cytomegalovirus diagnosis - Still an open question. *Virus Reviews & Research* 09(1):60-72.

Parra GI, Martinez M, Amarilla A, Zunini M, Achucarro, C, Martinez V, Mayor ME, Fariña N, Chirico MC, Russomando G 2004. Incidence of rotaviral infection in central and east Paraguay between 2002 and 2003: a single lectrophenotype detected. *Virus Reviews & Research* 09(1):73-76.

## **VOLUME 9, Nº 2, 2004.**

Caxito FA, Resende M 2004. Feline immunodeficiency virus: A review. *Virus Reviews & Research* 9(2):07-17.

Rezende JAM, Müller GW 2004. Control of plant virus disease by preimmunization. *Virus Reviews & Research* 9(2):18-25.

Cerqueira DM, Câmara GNL, Cruz MM, Alencar TR, Veras VS, Martins CRF 2004. Human papillomavirus variability in the federal district-Central Brazil. *Virus Reviews & Research* 9(2):26-31.

Almeida MR, Junior AS, Castro LA, Almeida SR, Monnerat FS, Oliveira FS, Moraes MP 2004. Porcine circoviruses. *Virus Reviews & Research* 9(2):32-42.

Mancini DAP, Mendonça RMZ, Giorgetti M, Trindade HG, Pinto JR 2004. Seroprevalence of myxovirus in caprines from Southeast Brazil. *Virus Reviews & Research* 9(2):43-46.

Mancini DAP, Mendonça RMZ, Giorgetti M, Genovez ME, Pituco, EM, Trindade HG, Pinto JR 2004. Influenza serological survey in bovines from Brazil. *Virus Reviews & Research* 9(2):47-51.

Bonutti DW, Badra SJ, Pinto AA, Figueiredo LTM 2004. An RT-NESTED-PCR for diagnosis of Alagoas vesiculovirus infection in guinea pigs. *Virus Reviews & Research* 9(2):52-56.

Cecílio AB, Resende MC, Jorge FCM, Resende SM, Brito MG, Kroon EG 2004. Transovarial transmission of dengue virus 1 and 2 as showed by detection in *aedes aegypti* larvae. *Virus Reviews & Research* 9(2):57-60.

Lombardo M, Ikuno AA, Baldassi L, Ferreira CVA, Kiyoto S 2004. Evaluation of protein fractions from senna occidentalis seeds extracts for cytotoxic, antiviral and antibacterial activities. *Virus Reviews & Research* 9(2):61-68.

## **VOLUME 10, N° 1, 2005.**

Richamond JY 2005. Biosafety and biosecurity in virology: facility requirements. *Virus Reviews & Research* 10(1): 07-13.

Bordignon J, Grisard EC, Zanetti CR 2005. Molecular detection and characterization of rabies virus in Brazil: new approaches for epidemiology and surveillance. *Virus Reviews & Research* 10(1): 14-22.

Barth OM, Majerowicz S, Romijn PC, Silva RCF, Costa CHC, Otávio JR, Pires AR, Schatzmayr HG 2005. Ocurrance of parapoxvirus infections in ovine flocks in the state of Rio de Janeiro. *Virus Reviews & Research* 10(1): 23-26.

Couceiro JNSS, Silva PMS, Santos MGM, Ribeiro TS, Lima MEF 2005. Natural piperine as a new alternative against influenza viruses. *Virus Reviews & Research* 10(1): 27-32.

Schmitt VM, Traesel FR, Kupski C, d'Avila DOL 2005. Superinfection with different HCV genotypes in a hemodialysis patient. *Virus Reviews & Research* 10(1): 33-37.

Soares JAP, Dias CCA, Oliveira TT, Castro LA, Almeida MR, Nagem TJ, Santos JL, Moraes MP 2005. Flavonoids effect on BHV-1 and PRV replication in MDBK and Vero cell cultures. *Virus Reviews & Research* 10(1): 38-44.

Brandão PE, Gregori F, Villareal LYB, Rosales CAR, Soares RM, Jerez JAA 2005. A nested polymerase chain reaction test for bovine coronavirus diagnosis based on the RNA-dependent RNA-polymerase gene. *Virus Reviews & Research* 10(1): 45-49.

Carnieli Jr P, Brandão PE, Castilho JG, Bueno CR, Carrieri ML, Macedo CI, Oliveira RN, Zanetti CR, Kotait I 2005. Phylogeny of a rabies virus identified in a cat closely related to vampire bat rabies base on the nucleoprotein gene. *Virus Reviews & Research* 10(1): 50-54.

Aquino VH, Moreli ML, Figueiredo LTM 2005. A simple method for purifying the three genome segments of orthobunyaviruses. *Virus Reviews & Research* 10(1): 55-58.

## **VOLUME 10, N° 2, 2005.**

Gonçalves NSL, Lieber SR, Corgh DB, Gonçalves Jr FL 2005. Major histocompatibility and complex immune response in hepatitis-C diseases. *Virus Reviews & Research* 11(1): 07-20.

Zanella JRC 2005. Porcine circovirus type 2 infection: clinical and epidemiological presentation in Brazilian swine herds. *Virus Reviews & Research* 11(1): 21-30.

Brito-Melo GEA, Ribeiro M, Diniz TT, Santos RAC, Araújo PH, Nunes FAR 2005. Additional factors associated with the episode of yellow fever in Vale Jequitinhonha Region. *Virus Reviews & Research* 11(1): 31-35.

Camargos MF, Carvalho-Filho NB, Reis JKP, Leite RC 2005. Molecular characterization of BLV *POL* gene sequences from brazilian samples. *Virus Reviews & Research* 10(2): 36-38.

Luppino PL, Garcia Lima E, Figueiredo LTM, Jabur S 2005. Experimental technique of latex agglutination in the detection of dengue virus. *Virus Reviews & Research* 10(2): 39-45.

Oliveros MPR, Pachi CGF, Rossi M, Lopez LF 2005. Comparative analysis of the prevalence of subtype C HIV-1 resistance mutations of Zimbabwe and the south region of Brazil. *Virus Reviews & Research* 10(1): 46-50.

Oliveira LHS, Pereira CRN, Vasconcelos GALBM, Rosa MLG, Rodrigues EVM, Silva RA, Barrese TZ, Cavalcanti SMB 2005. Human immunodeficiency virus

prevalence among women with cervical human papillomavirus infection. *Virus Reviews & Research* 10(2): 51-60.

Schatzmayr HG, Romijn PC, Barreto DF, Silva EE, Farias-Filho JC, Tavares AFA, Barth OM 2005. An outbreak of vesicopustular disease in humans and dairy cattle in the state do Rio de Janeiro in 2006. *Virus Reviews & Research* 10(2): 61-63.

## **VOLUME 11, N° 1-2, 2006.**

Pereira MGM, Fossey MA, Durigon EL, Rahal P, Souza FP 2006. Mechanisms of activation of protein F for effective RSV infection. *Virus Reviews & Research* 11(1-2): 07-13.

Guedes MIMC, Trindade GS, Kronn E 2006. Vaccinia vírus strains in Brazil: emerging for reemerging viruses? *Virus Reviews & Research* 11(1-2): 14-18.

Medeiros SO, Simonetti SRR, Simonetti JP, Simonetti BR, Schatzmayr HG 2006. FIV contributions to HIV studies. *Virus Reviews & Research* 11(1-2): 19-27.

Chávez JH, Figueiredo LTM 2006. Emergent flaviruses of the Japanese encephalitis complex in Brazil. *Virus Reviews & Research* 11(1-2): 28-32.

Campanelli ES, Botelho ACC, Souza KPR, Secundino NFC, Cecílio AB, Pimenta PFP 2006. Dengue-2 virus artificial infection of Brazilian colonized *aedes aegypti*. *Virus Reviews & Research* 11(1-2): 33-38.

Mancini DAP, Cunha EMS, Mendonça RMZ, Dias ALF, Castro AF, Pinto JR, Mendonça RZ 2006. Evidence of swine respiratory infection by influenza viruses in Brazil. *Virus Reviews & Research* 11(1-2): 39-43.

Mancini DAP, Cunha EMS, Lara MCCSH, Mendonça RMZ, Dias ALF, Castro AF, Pinto JR, Mendonça RZ 2006. Evidence of human-equine interspecies influenza transmission. *Virus Reviews & Research* 11(1-2): 44-50.

Grotto RMT, Garcia VB, Souza LR, Meira DA, Machado PEA, Pardim MIMC 2006. Resistance profile and subtyping in HIV-1 infected patients in Botucatu, Brazil. *Virus Reviews & Research* 11(1-2): 51-57.