

SÃO PAULO, BRAZIL
OCTOBER 14-18, 2012



XXIII
RITA SÃO PAULO
BRAZIL
RABIES IN THE AMERICAS



OCTOBER 14th

02:00 to 09:00 PM
REGISTRATION

03:00 PM

TRANSFER FROM THE CONVENTION CENTER
TO THE RUN FOR THE WORLD RABIES

04:00 PM

RUN FOR THE WORLD RABIES CONTROL
AT THE UNIVERSITY OF SÃO PAULO

08:00 – 8:15 PM

OPENING CEREMONY

08:15 – 9:00 PM

LECTURE:
“HUMAN AND DOGS RABIES CONTROL REGIONAL
AND GLOBAL PERSPECTIVES”

François Xavier Meslin, Swiss

09:00 PM
COCKTAIL

OCTOBER 15th

08:45 – 09:15 AM

CEREMONY YOUNG INVESTIGATOR -
“George Baer Award”

Chair: Charles E. Rupprecht

CO.001

REAL TIME PCR FOR ANTEMORTEM DIAGNOSIS IN
HUMANS AND HIGH THROUGHPUT RABIES VIRUS
SCREENING

Zarate-Segura P¹, Bastida-Gonzalez F¹, Ellison J², Gallardo-
Romero N³, Loparev V⁴, Velasco-Villa A² - ¹Instituto
Politecnico Nacional, MEX - ESM-UPIBI, ²Centers for Disease
Control and Prevention, Atlanta, USA - Rabies Section,
³Centers for Disease Control and Prevention, Atlanta, USA -
POX Section, ⁴Centers for Disease Control and Prevention,
Atlanta, USA- Biotechnology Core Facility

09:30 – 10:00 AM

LYSSAVIRUSES

Chair: Noel Tordo and Richard Franka

CO.002

THE EGYPTIAN FRUIT BAT (ROUSETTUS AEGYPTIACUS)
AS A RESERVOIR OF A SPECIFIC LINEAGE OF LAGOS
BAT VIRUS IN KENYA

Kuzmin IV¹, Niezgodna M¹, Gilbert AT¹, Markotter W², Agwanda
B³, Montgomery J⁴, Breiman RF⁴, Rupprecht CE¹ - ¹CDC -
Rabies Program, ²University of Pretoria, ³National Museums
of Kenya, ⁴CDC - Kenya Centers for Disease Control and
prevention - Division of High Consequence Pathogens and
Pathology

CO.003

MONITORING OF A FRENCH BAT COLONY SHOWN
NATURALLY INFECTED BY EBLV-1 FROM 2009-2012.
DISCOVERY OF A NEW INFECTION CASE IN THE COLONY
THREE YEARS AFTER THE FIRST POSITIVE RABIES
DIAGNOSTIC

Picard-Meyer E^{1,2}, Borel C¹, Jouan D¹, Servat A², Wasniewski
M², Moinet M², Boué F², Cliquet F², ¹CPEPESC Lorraine,
France, ²ANSES - Nancy Laboratory for Rabies and Wildlife

CO.004

NOVEL LYSSAVIRUS FROM A MINIOPTERUS
SCHREIBERSII BAT IN SPAIN

Aréchiga N^{1,2}, Vázquez-Morón S^{1,3}, Berciano J^{1,3},
Nicolás O⁴, Aznar C^{1,3}, Juste J⁵, Rodríguez C⁶, Aguilar A²,
Echevarría J¹ - ¹Instituto de Salud Carlos III - Centro
Nacional de Microbiología, Majadahonda, Madrid,
España, ²Centro Médico Nacional Siglo XXI, México - Unidad
de Investigación Médica en Inmunología, ³Centro de
Investigación Biomédica en Red de Epidemiología y Salud
Pública (CIBERESP), España, ⁴Centro de Recuperación de
Fauna de Valldaleu, Lleida, Cataluña, España, ⁵Estación
Biológica de Doñana (CSIC), Sevilla, Andalucía, España,
⁶Universidad de Alcalá de Henares, Madrid, España

10:00 – 10:30 AM
COFFEE BREAK

10:30 – 12:00 AM

HUMAN RABIES

Chair: Alan Jackson and Rosely Cerqueira

CO.005

HUMAN RABIES IN THE UNITED STATES: EVALUATION
OF CLINICAL FINDINGS FROM 1960-2010

Bass JM¹, Petersen BW¹, Mehal JM², Blanton JD¹,
Rupprecht CE¹ - ¹CDC - Poxvirus and Rabies Branch, ²CDC -
Division of High-Consequence Pathogens and Pathology

CO.006

CLINICAL FEATURES OF DOG AND BAT-ACQUIRED
RABIES IN HUMANS

Udow SJ, Marrie RA, Jackson AC, University of Manitoba-
Internal Med. (Neurology)

CO.007

IMMUNE RESPONSES IN HUMAN CNS DURING
RABIES VIRUS INDUCED ENCEPHALITIS

Franka R¹, Batten B², Shieh WJ², Niezgodna M¹, Zaki S²,
Rupprecht CE¹ - ¹Centers for Disease Control and Prevention
- Poxvirus and Rabies Branch (PRB), ²Centers for Disease
Control and Prevention - Infectious Diseases Pathology
Branch (IDPB)

CO.008

FIRST MYOTIS LUCIFUGUS RABIES VIRUS VARIANT
DETECTED IN A HUMAN

Orciari LA¹, Brown C², Lijewski V², Franka R¹, Jackson FR¹,
Niezgodna M¹, Tack D¹, Yager PA¹, Hightower D¹, Rupprecht
CE¹ - ¹Centers for Disease Control and Prevention - Rabies
Program, ²Massachusetts Department of Public Health

CO.009

ENCEPHALITIS OF UNKNOWN ETIOLOGY AND HUMAN
RABIES IN THE UNITED STATES, 1999-2008

Vora NM^{1,2}, Blanton J¹, Petersen BW¹, Recuenco S¹, Tack D¹,
Rupprecht CE¹ - ¹CDC, ²Epidemic Intelligence Service

CO.010

HUMAN RABIES IN RIO CASCA MUNICIPALITY, 2012:
CASE REPORT, SIX YEARS AFTER THE LAST RECORD
IN MINAS GERAIS, BRAZIL

Santana LF¹, Tourinho BD², Dias GMF², Pinto JEG²,
Amâncio FF², Brito MG², Cunha MMSF², Bento LJ²,
Rodrigues DR², Trindade ML², Ferraz ML² - ¹Secretaria
de Estado da Saúde de Minas Gerais, ²Secretaria de
Estado da Saúde de Minas Gerais

12:00 – 01:45 PM
LUNCH

01:45 – 03:30 PM

RABIES PATHOGENESIS

Chair: Zhen Fu and Jane Megid

CO.011

MEASURES OF RABIES IMMUNITY IN
RELATION TO SUSCEPTIBILITY, DIAGNOSIS
AND PREVENTION

Hanlon CA, Director, Kansas State University Rabies
Laboratory, Manhattan, Kansas, USA

CO.012

DIFFERENCE IN INTRACELLULAR LOCALIZATION
AND EXPRESSION LEVEL OF RECOMBINANT RABIES
G-PROTEINS OF STREET VIRUS (KYOTO STRAIN) AND
FIXED VIRUS (CVS-26 STRAIN) EXPRESSED
IN HEK293T CELLS

N Hamamoto, Y Kaku, A Noguchi, S Morikawa, S Inoue,
National Institute of Infectious Diseases - Veterinary Science

CO.013

ROLE OF MITOCHONDRIA IN RABIES VIRUS-INDUCED
OXIDATIVE STRESS

Alandijany T¹, Kammouni W², Roy Chowdhury SK³,
Ferryhough P⁴, Jackson AC² - ¹University of Manitoba -
Medical Microbiology, ²University of Manitoba - Internal
Med. (Neurology), ³St. Boniface Hospital Research Centre
- Neurodegenerative Disorders, ⁴University of Manitoba -
Pharmacology and Therapeutics

15th

CO.014

PARADOXICAL ROLE OF IFN IN RABV INFECTION
Lafon M, Institut Pasteur, Paris, France

CO.015

ANALYSIS OF RNA EXPRESSION BY BLOOD MONONUCLEAR CELLS STIMULATED BY HUMAN RABIES CSF
Willoughby RE, Jia S, Hessner M, Medical College of Wisconsin Pediatrics

CO.016

MICROARRAY ANALYSIS OF CENTRAL NERVOUS SYSTEM ASSOCIATED WITH THE INFILTRATION OF MICROGLIA IN MICE SHOWING SIGNS OF PARALYSIS AFTER THE INTRAMUSCULAR INOCULATION OF RV (CVS-11 STRAIN)
Inoue S¹, Uda A¹, Sugiura N¹, Hamamoto N¹, Park CH² -
¹National Institute of Infectious Diseases- Veterinary Science, ²Kitasato University - Veterinary Pathology

CO.017

PROTEOMICS ANALYSIS OF HUMAN RABIES CSF
Willoughby RE¹, Halligan B², Green A²- ¹Medical College of Wisconsin - Pediatrics, ²Medical College of Wisconsin - Biotechnology and Bioengineering Center

03:30 – 04:00 PM

POSTER SESSION**PT.001**

In vitro AND *in vivo* INHIBITION OF RABIES VIRUS REPLICATION BY RNA INTERFERENCE
Ono EAD¹, Iamamoto K², Castilho JG², Carnieli Jr P², Oliveira RN², Achkar SM², Carrieri ML², Kotait I², Brandão PE¹ -
¹Universidade de São Paulo - Medicina Preventiva e Saúde Animal, ²Instituto Pasteur

PT.002

AGRESSÕES DE *DESMODUS ROTUNDUS* (E. Geoffroy) EM ANIMAIS DOMÉSTICOS PRÓXIMOS À ÁREA URBANA DA ILHA DE SÃO LUÍS, MARANHÃO, BRASIL
Arruda RCN, MAPA - SFA-MA

PT.003

DIAGNÓSTICO SITUACIONAL DA RAIVA ANIMAL NO ESTADO DO RIO DE JANEIRO
Meneguete PS, Secretaria de Estado de Saúde - Coordenação de Vigilância Ambiental em Saúde e Saúde do Trabalhador

PT.004

COMPLETE GENOME SEQUENCE ANALYSIS OF FIVE RUSSIAN RABIES VIRUS FIELD ISOLATES
Chupin S, Chernyshova E, Metlin A, Federal Centre for Animal Health

PT.005

EFFECTIVENESS OF PARENTERAL VACCINATION OF STRAY DOGS AGAINST RABIES TO REDUCE THE INCIDENCE OF HUMAN RABIES DEATHS DUE TO STRAY DOG BITES
Jayasundara VK, Dehiwala-Mount Lavinia Municipal Council - Sri Lanka - Health

PT.006

CONTROLE DE *Desmodus rotundus* E EDUCAÇÃO SANITÁRIA EM PEQUENAS COMUNIDADES DA BAIXADA MARANHENSE – BRASIL
Santana SS, Agência Estadual de Defesa Agropecuária do Maranhão - AGED-MA - Programa de Controle da Raiva dos Herbívoros

PT.007

PHYLOGENETIC RELATION AMONG BOVINE RABIES CASES FROM MINAS GERAIS AND SÃO PAULO STATES, BRAZIL: A POSSIBLE COMMON ORIGIN
Garcia AIE, Silva SOS, Peixoto H, Brandão PE, Cunha EM, Richtzenhain L, FMVZ-USP

PT.008

AVANCE DE LA RABIA BOVINA EN EL ESTADO SAN LUIS POTOSI (MEXICO)
Camacho J, Servicios de Salud de San Luis Potosi - Zoonosis

PT.009

ESTUDO DO MANUAL DE NORMAS TÉCNICAS DO TRATAMENTO PROFILÁTICO ANTIRRÁBICO HUMANO PARA PROFISSIONAIS DA 15ª CRES – CRATEÚS-CE, 2010
Dennis DFCM, 15ª Coordenadoria Regional de Saúde Crateús

PT.010

ESTUDO EPIDEMIOLÓGICO NA PROFILAXIA DA RAIVA NA 15ª CRES – CRATEÚS-CE, NOS ANOS DE 2009, 2010 e 2011
Dennis DFCM, 15ª Coordenadoria Regional de Saúde Crateús

PT.011

TITULAÇÃO DE ANTICORPOS NEUTRALIZANTES DE VÍRUS DA RAIVA DOS DOCENTES DO CURSO DE MEDICINA VETERINÁRIA DA UNIVERSIDADE FEDERAL DE GOIÁS (UFG), CAMPUS JATAÍ
Meirelles-Bartoli RB, Cruz CA, Sousa DB, Assis LN, Costa KD, Cruz EG, Rezende Jr SA, Barcelos AA, Universidade Federal de Goiás, Campus Jataí - Laboratório de Sanidade Animal

PT.012

ESTUDO COMPARATIVO DA OCORRÊNCIA DE RAIVA EM HERBÍVOROS E ATENDIMENTOS ANTIRRÁBICOS HUMANOS NA REGIÃO DE SÃO JOSÉ DO RIO PRETO NO PERÍODO DE 1999 A 2011
Bocchi MR, Paulino FS, Tomé MFA, GVE 29 - SJRP

PT.013

AValiação de QUIRÓPTEROS POSITIVOS PARA RAIVA E SITUAÇÃO VACINAL DOS GATOS NO BLOQUEIO DE FOCO DE BOTUCATU-SP, EM UM PERÍODO DE 5 ANOS
Carvalho VM, Faculdade de Medicina Veterinária e Zootecnia - Unesp, Campus Botucatu - Depto. de Higiene Veterinária e Saúde Pública

PT.014

MONITORAMENTO DE MORCEGOS (QUIROPTERA) COMO ESTRATÉGIA DE VIGILÂNCIA DA CIRCULAÇÃO DO VÍRUS DA RAIVA NO RIO GRANDE DO SUL
Witt AA, Donini MAW, Predebon J, Diedrich G, Prato R, Centro Estadual de Vigilância em Saúde/RS - Programa Estadual de Controle e Profilaxia da Raiva

PT.015

DETECTION OF B LYMPHOCYTES IN THE CENTRAL NERVOUS SYSTEM OF CATTLE AND HORSES NATURALLY INFECTED WITH RABIES VIRUS
Achkar SM, Fernandes ER, Carrieri ML, Duarte MIS, Instituto Pasteur

PT.016

EFFICACY OF RECOMBINANT ADENOVIRUS EXPRESSING G PROTEIN OF RABIES IN MICE
Yang DK, Kim HH, Song JY, QIA - Viral Disease

PT.017

INTERACTION OF RABIES VIRUS GLYCOPROTEIN FRAGMENTS WITH THE NICOTINIC ACETYLCHOLINE RECEPTOR
Rideout SA, MB Harris, Hueffer K, Schulte MK, University of Alaska - Veterinary Medicine

PT.018

RABIES IN IRAN
Baghaipour MR, Milad Hospital

PT.019

PROGRAMAS DE EDUCAÇÃO EM SAÚDE – ALCANCE, ESTRATÉGIAS, METODOLOGIA
Reichmann MLAB, Nunes VFP, Santos MB, Viaro O, Instituto Pasteur

PT.020

AValiação dos estratos da população canina de municípios do interior do estado de São Paulo – Breve avaliação da literatura
Reichmann MLAB, Alves MCGP, Matos MR, Dominguez MHS, Instituto Pasteur

PT.021

UTILIZAÇÃO DO GEOPROCESSAMENTO COMO FERRAMENTA NO MONITORAMENTO E CONTROLE POPULACIONAL DOS MORCEGOS HEMATÓFAGOS NAS ILHAS FLUVIAIS DO MUNICÍPIO DE ANANINDEUA, PARÁ, BRASIL
Ramos OS, Barreiros MA, Souza EM, Souza SMF, Melo TIS, LANAGRO-PA - LDA-Raiva

PT.022

PHYLOGEOGRAPHY OF THE RABIES VIRUS ISOLATED FROM CANIDS IN THE NORTH AND NORTHEAST OF BRAZIL
Carnieli Jr P, Oliveira RN, Castilho JG, Vieira LFP, Instituto Pasteur

PT.023

A PRELIMINARY ANALYSIS OF THE GLYCOSYLATION PATTERN OF SERUM IgG FOLLOWING PRE-EXPOSURE SCHEME FOR HUMAN RABIES VACCINE

Silva SR, Cunha Neto RS, Chaves LB, Faquim-Mauro EL, Silva ACR, Instituto Pasteur

PT.024

ANÁLISE EPIDEMIOLÓGICA DAS AGRESSÕES POR ANIMAIS SILVESTRES NA 10ª REGIÃO DE SAÚDE, LIMOEIRO DO NORTE-CE/2007 A 2011

Lima FMG, Chaves CS, Rodrigues VC, Secretaria de Saúde do Estado do Ceará - 10ª Coordenadoria Regional de Saúde de Limoeiro do Norte

PT.025

HUMORAL IMMUNE RESPONSE IN DOGS AND CATS VACCINATED AGAINST RABIES IN THE MUNICIPALITIES OF DRACENA AND PRESIDENTE PRUDENTE, SP, BRAZIL

Albas A, Pícolo MR, Soares CN, Bachega HVH, Tarumoto MH, APTA - Polo Alta Sorocabana

PT.026

DEVELOPMENT OF REAL TIME RT-PCR (TAQMAN) FOR DETECTION AND GENETIC CHARACTERIZATION OF ANTE-MORTEM HUMAN RABIES

Mori E, Scheffer KC, Fahl WO, Oliveira RN, Asano KM, Carnieli Jr P, Carrieri ML, Kotait I, Instituto Pasteur

PT.027

KINETIC OF RABIES ANTIBODIES IN DOGS PRIME VACCINATED

Babboni SD, Costa HF, Martorelli LFA, Kataoka APAG, Victoria C, Padovani CR, Modolo JR, Unesp Botucatu - DHVSP

PT.028

COMPARAÇÃO DA COBERTURA VACINAL DE CÃES E GATOS NAS CAMPANHAS ANUAIS DE VACINAÇÃO CONTRA A RAIVA, NO MUNICÍPIO DE SÃO PAULO, PERÍODO DE 2004 A 2012

Paranhos NT, Bernardi F, Silva EA, Mendes MCNC, Centro de Controle de Zoonoses do Município de São Paulo

PT.029

AN EXPLORATION OF THE KNOWLEDGE, ATTITUDES AND PERCEPTIONS OF NON-MEDICALLY TRAINED, ADULT GRENADIANS ABOUT ZOONOTIC DISEASES

Bidaisee S, St. George's University - Department of Public Health and Preventive Medicine

PT.030

RABIES ANTIGEN SPREAD AMONGST APPARENTLY HEALTHY DOGS IN NIGERIA: A REVIEW

Ogunkoya AB, Aina OA, Adebayo OO, Oluwagbenga AA, Tirmidhi AB, Audu SW, Atuman YJ, Babasola OO, Garba A, Ahmadu Bello University, Zaria, Nigeria - Veterinary Medicine

PT.031

DISCUSSING THE RABIES SURVEILLANCE SYSTEM IN BRAZIL: AN EXPERIENCE OF SURVEILLANCE TOWARD BATS AFTER THE HALT OF MASS VACCINATION OF DOGS AND CATS IN CAMPINAS, SÃO PAULO

Dias RA, De Lucca T, Rodrigues RCA, Castagna C, Presotto D, De Nadai DV, Fagre A, Braga GB, Guilloux AGA, Alves AJS, Martins CM, Ferreira F, Universidade de São Paulo - Departamento de Medicina Veterinária Preventiva e Saúde Animal

PT.032

RABIES IN NIGERIA: A NEW PARADIGM SHIFT?

Jahun BM, Ehimiyein AM, Audu SW, Orasetin AT, Adawa DAY, Ahmadu Bello University Zaria - Veterinary Teaching Hospital

PT.033

RAIVA HUMANA TRANSMITIDA POR SAGUI, IPU-CE, BRASIL, 2010

Duarte NFH, Pinheiro KMA, Rolim BN, Targino LMF, Almeida IL, Duarte BH, SESA-CE - NUVET

PT.034

DIAGNÓSTICO E MONITORAMENTO DA RAIVA EM OLINDA, PERNAMBUCO – POSITIVIDADE PARA RAIVA EM MORCEGO NÃO HEMATÓFAGO

Machado JL, Araújo ACR, Ribeiro MGB, Silva LAM, Oliveira JCT, Gomes ES, Boller MAA, LACEN-PE

PT.035

A IMPORTÂNCIA DA AVALIAÇÃO SOROLÓGICA PARA RAIVA E A IMPLANTAÇÃO DA TÉCNICA NO ESTADO DE PERNAMBUCO

Araujo ACR, Machado JLM, Ribeiro MGB, Silva LAM, Oliveira JCT, Gomes ES, Boller MAA, LACEN/LANAGRO-PE - Diagnóstico de Raiva

04:00 – 04:30 PM**COFFEE BREAK****04:30 – 06:15 PM****IMMUNOLOGY, PROPHYLAXIS AND TREATMENT**

Chair: Monique Lafon and Juan Antonio Montano Hirose

CO.018

TH17 CELLS: COULD THEY BE THE LAST ATTEMPT OF THE HOST TO CLEAR THE RABIES VIRUS?

Fernandes ER¹, Guedes F¹, Martins JF², Pagliari C³, Duarte MIS³ - ¹Instituto Pasteur, ²Instituto de Infectologia Emílio Ribas - Departamento de Patologia, ³Faculdade de Medicina da Universidade de São Paulo - Departamento de Patologia

CO.019

ANIMAL MODELS AND BIOLOGICS EVALUATION: EXPERIMENTAL RABIES VIRUS INFECTION AND DOSE TITRATION OF CL184 MONOCLONAL ANTIBODY COMBINATION IN THE SYRIAN HAMSTER

Taylor ST¹, Ellison JA¹, Franka R¹, Marissen WE², Rupprecht CE¹ - ¹Centers for Disease Control and Prevention, Atlanta, GA, USA - Division of High- Consequence Pathogens & Pathology, ²CruceCell Holland BV, Leiden, The Netherlands

CO.020

ANALYSIS OF RABIES VIRUS GLYCOPROTEIN SEQUENCES IN RELATION TO THE PROPOSED USE OF MONOCLONAL ANTIBODIES FOR POST-EXPOSURE PROPHYLAXIS

Kuzmina N¹, Ellison J¹, Orciari L¹, Marissen W², Kuzmin I¹, Rupprecht CE¹ - ¹CDC, ²CruceCell Holland

CO.021

NEUTRALIZATION ANTIBODIES IN COMBINATION OF MCP-1 ARE AS EFFECTIVE AS LIVE-ATTENUATED RABIES VIRUS IN PREVENTING MICE FROM DEVELOPING RABIES

Fu Z¹, Huang J², Li G², Zhang G², Zhou M² - ¹University of Georgia - Huazhong Agricultural University, ²University of Georgia

CO.022

DEVELOPMENT OF CL184 HUMAN MONOCLONAL ANTIBODY COMBINATION FOR RABIES POST-EXPOSURE PROPHYLAXIS, FROM PRECLINICAL DESIGN TO CLINICAL EVALUATION

Marissen WE¹, Niezgoda M², Ellison J², Franka R², Kuzmina N², Kuzmin I², Taylor T², Rupprecht CE² - ¹CruceCell Holland BV - Project Management, ²Centers for Disease Control and Prevention

CO.023

GM-CSF OR FLAGELLIN IMPROVES THE EFFICACY OF RECOMBINANT RABIES VIRUSES FOR BOTH PARENTAL AND ORAL IMMUNIZATIONS

Fu Z¹, Zhou M², Zhang G², Ren G² - ¹University of Georgia - Huazhong Agricultural University, ²University of Georgia

CO.024

PERSISTENCE OF ANTI-RABIES NEUTRALIZING ANTIBODIES IN A RURAL AMAZONIAN COMMUNITY VACCINATED WITH PURIFIED VERO CELL RABIES VACCINE (PVRV) FOLLOWING VAMPIRE BAT RABIES OUTBREAK

Medeiros R¹, Maestri A¹, Le Guern A-S², Martorelli L³, Almeida M³, Kataoka AP³, Houillon G⁴, Jusot V⁴, Zocchetti C⁴, Bosch Castells V⁴, Rasuli A⁴, Chteoui M², Jallet C², Behillil S², Assef R¹, Rodrigues L¹, Lima R⁵, Rotivel Y⁶, Tordo N⁷ - ¹Universidade Federal do Pará, Brasil, ²Institut Pasteur, Paris, ³Centro de Controle de Zoonoses, São Paulo, ⁴Sanofi Pasteur, Lyon, ⁵Secretaria de Saúde do Pará, ⁶Institut Pasteur, ⁷Institut Pasteur - Virology

06:30 – 08:00 PM**WILD LIFE'S NORTH AMERICA CONTROL PLAN MEETING**

08:15 – 10:00 AM

RABIES EPIDEMIOLOGY

Chair: Charles E. Rupprecht and Fumio H. Ito

CO.025**RABIES SURVEILLANCE IN THE UNITED STATES-
EVALUATION OF RABIES VIRUS VARIANTS**

Dyer J, Blanton JD, Rupprecht CE - Centers for Disease Control and Prevention - Division of High-Consequence Pathogens and Pathology, Poxvirus and Rabies Branch, Rabies Program

CO.026**RABIES AND RABIES PROBLEMS IN NIGERIA**Ogunkoya AB^{1,2,3,4}, Osinubi MOV², Garba A³, Audu SW⁴, Atuman YJ³, Ehimiyein AM⁴ - ¹Ahmadu Bello University, Zaria, Nigeria - Veterinary Medicine, ²Rabies Research Unit, Centers for Disease Control and Prevention, Atlanta, GA, USA, ³Diagnostic and Extension Dept., National Veterinary Research Institute, Vom, Nigeria, ⁴Dept. of Vet. Medicine, Fac. of Vet. Medicine, Ahmadu Bello University, Zaria, Nigeria**CO.027****TRANSLOCATION OF DOG RABIES IN ISRAEL
BY TOURISM**David D¹, Neli D¹, Yakobson BA², Dvorkin Z³, Davidson I⁴, Yagil J⁵, Oved Z⁶ - ¹Kimron Veterinary Institute - Rabies Laboratory, ²Kimron Veterinary Institute - Director, ³Director of Veterinary Services, Jerusalem District, Israel, ⁴Kimron Veterinary Institute, Bet Dagan 50250, POB 12, Israel, ⁵Bet Zait, Israel, ⁶Veterinary Services, State of Israel, Bet Dagan, 50250, Israel**CO.028****TRANSICIÓN EPIDEMIOLÓGICA DE LA RABIA
CANINA EN MÉXICO**

Vargas FP, Gutiérrez VC, Chávez IAF, Lezana MAF, Secretaría de Salud, México - CENAPRECE

CO.029**DETECTION OF THE DOG/COYOTE VARIANT OF
RABIES VIRUS IN THE MEXICO – US BORDER**Jaramillo E¹, Villarreal JZ¹, Galindo EI¹, Carranza P², Meléndez A³ - ¹Laboratorio Estatal de Salud Pública - Secretaría de Salud del Estado de Nuevo León, Guadalupe, Nuevo León, México, ²Centro de Investigación Biomédica del Noreste - Instituto Mexicano del Seguro Social, Monterrey, NL, México, ³Laboratorio de Rabia - Instituto de Diagnóstico y Referencia Epidemiológicos, México, DF**CO.030****IMPORTANCIA EPIDEMIOLÓGICA DE LOS MURCIÉLAGOS
INSECTÍVOROS EN LA TRANSMISIÓN DEL VIRUS RABIA
A FELINOS Y OTROS MURCIÉLAGOS CASEROS EN EL
VALLE DEL CAUCA, COLOMBIA**Núñez CM¹, Páez MA², Hernández RC³, Escobar DH⁴, Bonelo PA¹ - ¹Grupo VIREM - Laboratorio de Virología, Universidad del Valle - Valle del Cauca, Colombia, ²Laboratorio Virología, INS-Bogotá, Bogotá, Colombia, ³Unidad Ejecutora de Saneamiento del Valle - Valle del Cauca, Colombia, ⁴Secretaría Departamental de Salud del Valle del Cauca - Valle del Cauca, Colombia**CO.031****SECONDARY TRANSMISSION OF RABIES IN LATIN
AMERICA**Kotait I¹, Carrieri ML¹, Rupprecht CE² - ¹Instituto Pasteur, ²Centers for Disease Prevention and Control

10:00 – 10:30 AM

COFFEE BREAK

10:30 – 12:00 AM

ROUND TABLE**RABIES IN AMAZON REGION**

Chair: Sergio Recuenco

Participants:Charles Briggs - University of California, USA
Ana Maria Navarro Vela - Coordinadora Estrategia Sanitaria Nacional de Zoonosis, Peru
Carmen Parra Hidalgo - Ecuador

12:00 – 02:00 PM

LUNCH

02:00 – 03:30 PM

LABORATORY DIAGNOSIS OF RABIES

Chair: Lilian Orciari and Ivanete Kotait

CO.032**STANDARDS AND ASSAYS FOR RABIES SEROLOGY**

Moore S, Hanlon C, Kansas State University - KSVDL - Rabies Laboratory

CO.033**EVALUATION OF AN ELISA TO DETECT RABIES
ANTIBODIES IN WILD (FOXES AND RACCOON DOGS)
AND DOMESTIC CARNIVORES (DOGS AND CATS)**Cliquet F¹, Guiot AL², Schereffer JL¹, Tribout L¹, Wasniewski M¹, Mähar K³ - ¹Nancy Laboratory for Rabies and Wildlife, France, ²CPB - Conseils en Pharmacie et Biologie - France, ³Estonian Veterinary and Food Laboratory, Virology-Serology Department - Estonia**CO.034****DETECTION OF RABIES VIRUS – SPECIFIC
ANTIBODIES IN WILD MAMMALS FROM A RAINFOREST
AREA, SÃO PAULO, BRAZIL USING RFFIT, SFIMT AND
ELISA TECHNIQUES**Araujo DB¹, Wasniweski M², Rodrigues CS³, Campos ACA³, Martorelli LFA⁴, Kataoka APAG⁴, Cunha EMS⁵, Durigon EL³, Favoretto SR^{3,6} - ¹Universidade de São Paulo - Núcleo de Pesquisas em Raiva - Laboratório de Virologia Clínica e Molecular, ²Nancy Laboratory for Rabies and Wildlife, ³Universidade de São Paulo, ⁴Centro de Controle de Zoonoses de São Paulo - COVISA, ⁵Instituto Biológico, ⁶Instituto Pasteur**CO.035****ANOMALIES IN THE RABIES INDIRECT FLUORESCENT
ANTIBODY TEST CONFOUND ACCURATE ANTEMORTEM
DIAGNOSIS OF HUMAN RABIES**Rudd RJ¹, Wong SJ², Appler KK¹ - ¹Rabies Laboratory, Wadsworth Laboratories - New York State Health Dept, ²Wadsworth Center, Diagnostic Immunology Laboratory - New York State Health Dept**CO.036****UNIQUE RABIES VIRUS VARIANT AND GENETIC
LINEAGE IN INSECTIVOROUS BATS *Histiotus velatus*,
BRAZIL**Kataoka APAG¹, Favoretto SR^{2,3}, Martorelli LFA¹, Campos ACA⁴, Oliveira RN², Rosa AR¹, Almeida MF¹, Araujo DB⁴, Sodre MM¹, Rodrigues CS⁴, Sacramento DRV⁵, Durigon EL⁴ - ¹Centro de Controle de Zoonoses - COVISA-PMSP, ²Instituto Pasteur, ³Universidade de São Paulo - ICB - Microbiologia, ⁴Universidade de São Paulo, ⁵Genomic Engenharia Molecular**CO.037****DETECTION OF RABIES VIRUS IN ORGANS OF BATS OF
GENUS ARTIBEUS BY MEANS OF HEMI-NESTED RT-PCR
AND REAL TIME RT-PCR TECHNIQUES**Scheffer KC¹, Fahl WO¹, Iamamoto K¹, Carnieli Jr P¹, Carrieri ML¹, Oliveira RN¹, Ito FH² - ¹Instituto Pasteur, ²Faculdade de Medicina Veterinária da Universidade de São Paulo

03:30 – 04:00 PM

POSTER SESSION**PT.036**

DISTRIBUIÇÃO GEOGRÁFICA E CARACTERIZAÇÃO MOLECULAR DE VÍRUS DA RAIVA DE ISOLADOS HERBÍVOROS PROCEDENTES DO NORTE DO BRASIL Peixoto HC, Garcia AIE, Silva SOS, Ramos OS, Silva LP, Brandão PE, Richtzenhain L, FMVZ-USP

PT.037

SÉRIE HISTÓRICA DO ATENDIMENTO ANTIRRÁBICO HUMANO – UMA ANÁLISE DAS NOTIFICAÇÕES NA 19ª CRS – FREDERICO WESTPHALEN-RS Dornelles M, 19ª Coordenadoria Regional de Saúde - Vigilância Ambiental em Saúde

PT.038REDUÇÃO DA EXPOLIAÇÃO E DO RISCO DE OCORRÊNCIA DA RAIVA EM HERBÍVOROS PELO CONTROLE POPULACIONAL DE *Desmodus rotundus* NA REGIÃO NOROESTE DO ESTADO DO RIO DE JANEIRO

Romijn PC, Bruno LM de P, Carneiro I de C, Bruno AM de P, Cattaneo CAM, Rubião EC, Kimura LMS, PESAGRO-RIO - Centro Estadual de Pesquisa em Sanidade Animal

PT.039

FATORES ASSOCIADOS À OCORRÊNCIA DE RAIVA EM REGIÃO RURAL DE CAMPINAS-SP, BRASIL EM 2001 e 2002

Ramos LHM, Donalísio MR, Lourenço RW, Prefeitura Municipal de Campinas - Secretaria Municipal de Saúde

PT.040

DIAGNÓSTICO Y CARACTERIZACIÓN MOLECULAR DE VIRUS RÁBICO EN MUESTRAS EN AVANZADO ESTADO DE DESCOMPOSICIÓN

Beltrán F, Gury Dohmen F, Del Pietro H, Cisterna DM, Instituto de Zoonosis Dr. Luis Pasteur - Diagnóstico

PT.041

ANTIGENIC VARIANTS OF RABIES VIRUS IN VENEZUELA 2000-2012

Perez M, Hidalgo M, Boyer L, Instituto Nacional de Investigaciones Agrícolas – Laboratorio de Rabia

PT.042

EXPERIMENTAL ANTIVIRAL THERAPY AGAINST DIFFERENT RABIES VIRUS LINEAGES USING TRANSFECTION WITH ANTI-RABIES ANTIBODIES
Castilho JG, Batista HBCR, Rodrigues AC, Carnieli Jr P, Oliveira RN, Silva ACR, Caporale GMM, Carrieri ML, Kotait I, Brandão PE, Instituto Pasteur

PT.043

CLASSIFICATION AND POSITIVITY RATE OF BATS RECEIVED FOR RABIES DIAGNOSIS
Lima JYO, Scheffer KC, Achkar SM, Kotait I, Carrieri ML, Instituto Pasteur

PT.044

STUDY AND DISTRIBUTION OF RABIES VIRUS IN NON NEURONAL ORGANS IN BATS SENT TO LABORATORY DIAGNOSIS IN PASTEUR INSTITUTE
Lima JYO, Achkar SM, Scheffer KC, Castilho JG, Rodrigues AC, Kotait I, Carrieri ML, Instituto Pasteur

PT.045

EFFECTS OF ONRAB IN SELECT NON-TARGET WILDLIFE SPECIES
Fry TL, VanDalen K, Duncan C, VerCauteren K, USDA-APHIS-WS - National Wildlife Research Center

PT.046

ISOLATION AND DETECTION OF RABIES VIRUS IN THE FECAL CONTENTS OF NATURALLY INFECTED FRUIT BATS
Scheffer KC, Fahl WO, Iamamoto K, Rodrigues AC, Carnieli Jr P, Carrieri ML, Oliveira RN, Ito FH, Instituto Pasteur

PT.047

A WORLDWIDE SURVEY OF THE REPORTING OF HUMAN RABIES
Taylor LH, PRP - Global Alliance for Rabies Control

PT.048

INTRADERMAL – INTRAMUSCULAR SWITCH EFFICACY IN RABIES POST EXPOSURE PROPHYLAXIS
Poujol P, Simons de Fanti A, Goesch J, Ribadeau Dumas F, Pasteur Institut - Rabies Center - National Reference Centre for Rabies

PT.049

PERFIL EPIDEMIOLÓGICO DO ATENDIMENTO ANTIRRÁBICO HUMANO EM AGRESSÕES POR CÃES E GATOS NA 10ª REGIÃO DE SAÚDE/LIMOEIRO DO NORTE, NO PERÍODO DE 2007 A 2011
Chaves CS, Lima FMG, Rodrigues VC, Secretaria de Saúde do Estado do Ceará - 10ª Regional de Saúde de Limoeiro do Norte

PT.050

STABILITY EVALUATION OF FLUORESCENT ANTI-RABIES VIRUS CONJUGATE PRODUCED IN INSTITUTO PASTEUR OF SÃO PAULO
Freitas AP, Peixoto ZMP, Silva ACR, Scheffer KC, Chaves LB, Caporale GMM, Instituto Butantan - Laboratório de Bioquímica e Biofísica

PT.051

EVALUATION OF THE INTERFERENCE OF ALKALOIDS OBTAINED FROM THE SKIN SECRETION OF *Ameerega picta* IN THE PENETRATION OF RABIES VIRUS IN BHK-21 CELLS
Freitas AP, Silva ACR, Scheffer KC, Pimenta DC, Instituto Butantan - Laboratório de Bioquímica e Biofísica

PT.052

SENSORIAMENTO REMOTO EM MORCEGOS HEMATÓFAGOS *Desmodus rotundus* NO MUNICÍPIO DE POTIRETAMA, CEARÁ, BRASIL, 2008-2009
Moura FBP, Silva MVS, Secretaria da Saúde do Estado do Ceará - 1ª Coordenadoria Regional da Saúde de Fortaleza

PT.053

RABIES IN CANADA – 2011
Knowles MK, Kush J, Iqbal Z, Hamill P, Fehlner-Gardiner C, Canadian Food Inspection Agency - Centre of Expertise for Rabies

PT.054

SHORT-INTERFERING RNA EVALUATION IN EXPERIMENTAL MICE RABIES VIRUS INFECTION CAUSED BY VARIANT 2 AND VARIANT 3
Appolinario CM, Allendorf SD, Peres MG, Antunes JMAP, Vicente AF, Pantoja JCF, Megid J, Unesp - Faculdade de Medicina Veterinária e Zootecnia - Departamento de Higiene Veterinária e Saúde Pública

PT.055

CANINE AND FELINE RABIES IN THE STATE OF SÃO PAULO - DATA FROM THE PASTEUR INSTITUTE OF SÃO PAULO, 1999-2012
Carrieri ML, Achkar SM, Castilho JG, Oliveira RN, Carnieli Jr P, Macedo CI, Omoto TM, Takaoka NY, Kotait I, Instituto Pasteur

PT.056

EVALUATION OF HUMORAL IMMUNE RESPONSE CONFERRED BY PURIFIED CHICK EMBRYO CELL VACCINE (PCECV) AND PURIFIED VERO CELL VACCINE (PVCV) USED IN COMPLETE AND MIXED PRE-EXPOSURE SCHEMES AT PASTEUR INSTITUTE OF SÃO PAULO
Cunha Neto RS, Cunha RS, Chaves LB, Scheffer KC, Caporale GMM, Silva ACR, Instituto Pasteur

PT.057

ANALYSIS OF DOG AND CAT POPULATION SUBMITTED TO VACCINATION CAMPAIGNS AGAINST RABIES IN A SMALL CITY FROM BRAZIL
Babboni SD, Fornazari F, Gonzalez GK, Victoria C, Modolo JR, Unesp Botucatu - DHVSP

PT.058

RABIES SEASONALITY IN BATS (*Chiroptera*, *Mammalia*) FROM NORTHWEST OF SÃO PAULO STATE, BRAZIL
Pedro WA, Biagi MB, Carvalho C, Perri SHV, Queiroz LH, Unesp - Faculdade de Medicina Veterinária de Araçatuba - Departamento de Apoio, Produção e Saúde Animal

PT.059

BATS AND RABIES IN THE NORTHWESTERN REGION OF SÃO PAULO STATE, BRAZIL
Casagrande DKA, Favaro ABBBC, Carvalho C, Picolo MR, Lopes AP, Favoretto SR, Campos ACA, Hernandez JCB, Lot MS, Albas A, Pedro WA, Queiroz LH, Unesp - Faculdade de Medicina Veterinária de Araçatuba - Mestranda do Programa de Ciência Animal

PT.060

RAIVA EM MORCEGOS (*Mammalia: Chiroptera*) NO ESTADO DE PERNAMBUCO: PROBLEMAS E PERSPECTIVAS FUTURAS
Silva LAM da, Machado JLM, Araujo ACR, Oliveira J do CT de, Silva-Filho TP da, Silva EMVG da, Silva RR da, CAV/UFPE - Núcleo de Biologia

PT.061

EPIDEMIOLOGIC, SOROLOGIC AND MOLECULAR STUDIES OF RABIES VIRUS ISOLATED IN BAT COLONIES OF *Histiotus velatus*, BRAZIL
Martorelli LFA, Kataoka APAG, Campos ACA, Sodre MM, Araujo DB, Rosa AR, Trezza Netto J, Oliveira RN, Almeida MF, Sacramento DRV, Durigon EL, Favoretto SR, Universidade de São Paulo - ICB - Microbiologia

PT.062

INVESTIGAÇÃO DE CASO DE RAIVA EM FELINO, MUNICÍPIO DE SÃO PAULO, 2011
Mendes MCNC, Bernardi F, Paranhos NT, Alves GM, Oliveira JL, Centro de Controle de Zoonoses do Município de São Paulo

PT.063

ANTIGENIC AND GENETIC STABILITY OF RABIES VIRUS AFTER CONSECUTIVE PASSAGES IN MICE AND IN CELLS
Batista HBCR, Oliveira RN, Carnieli Jr P, Rodrigues AC, Santos SO, Fahl WO, Paula FC de, Carrieri ML, Kotait I, Castilho JG, Instituto Pasteur

PT.064

OCORRÊNCIA DE RAIVA EM HUMANO TRANSMITIDA POR ANIMAL SILVESTRE, EM ABRIL/2012, NO MUNICÍPIO DE TAPURAH-MT
Reis VGL, Rocha SM, Almeida NN, Barros MC, Reis RC, Secretaria Estadual de Saúde de Mato Grosso - Vigilância Ambiental

PT.065

PHOSPHOPROTEIN P GENE IS NOT ASSOCIATED WITH RABV INCUBATION PERIOD AND LETHALITY
Fahl WO, Scheffer KC, Iamamoto K, Carnieli Jr P, Castilho JG, Oliveira RN, Carrieri ML, Kotait I, Brandão PE, Instituto Pasteur

PT.066

SURVEY OF THE SPATIAL DISTRIBUTION OF BATS ACCORDING TO TYPE AND POSITIVE FOR RABIES IN BOTUCATU-SP THE PERIOD 2006 TO 2011
Langoni H, Menozzi BD, Vitória C, Unesp - DHVSP

PT.067

ESTUDO DO VÍRUS RÁBICO EM INDIVÍDUOS E COLÔNIAS DE QUIRÓPTEROS NO RIO GRANDE DO SUL, BRASIL
Pacheco SM, Rosa JCA, Ferreira JC, Batista HBCR, Rigoletti R, Roehe PM, Instituto Sauer

PT.068

BEHAVIOR FOR SIX YEARS OF ATTACKS A HUMAN BY VAMPIRE BATS IN NORTHERN JALISCO, MEXICO, AFTER THE IMPLEMENTATION OF A INTENSIVE CAMPAIGN TO CONTROL THIS POPULATION AND ITS RELATIONSHIP WITH THE EXISTENCE OF REFUGES AND LOCAL LIVESTOCK NEARBY
Morales Rodríguez JA, González López AA, Rodríguez Cobián FJ, Secretaría de Salud Jalisco

PT.069

DETECTION OF RABIES VIRUS IN INSECTIVOROUS BATS FROM THE URBAN AREA IN MONTERREY NUEVO LEON, MEXICO
Reyna EJ, Pérez JZV, Galindo ElG, Rosales PC, Secretaría de Salud del Estado de Nuevo León - Laboratorio Estatal de Salud Pública

PT.070

PUBLIC PRODUCTION OF ANTIRRABIES VACCINES IN ARGENTINA: AN HISTORIC REVIEW
Perez OR, De Filippo J, Jurado R, Micucci M, Rudak L, Fernandez G, Zanetti F, Calamante G, ANLIS “Dr. Carlos G. Malbrán” - Servicio Vacuna Antirrábica - INPB

PT.071

EMPLEO DE LA TÉCNICA DE PCR EN MUESTRAS CLÍNICAS PARA DIAGNÓSTICO DE RABIA - DESCRIPCIÓN DE CASO
Robles-Pesina MAG, Ramírez-Torres J, Venegas-Cureño E, Ortiz-Rico A, Delgadillo-Álvarez JB, Montaña-Hirose JA, DGSA-SENASICA-SAGARPA - Centro Nacional de Servicios de Diagnóstico en Salud Animal

PT.072

ESTRATÉGIA DE AÇÃO PARA DIMINUIR O NÚMERO DE TRATAMENTOS ANTIRRÁBICOS HUMANOS PÓS-EXPOSIÇÃO
Frias DFR, Nunes JOR, Carvalho AAB, Unesp - Faculdade de Ciências Agrárias e Veterinárias de Jaboticabal - Medicina Veterinária Preventiva

PT.073

ANTI-RABIES ANTIBODIES SEROLOGICAL INVESTIGATION FROM DOGS OF A RURAL AREA IN SÃO PAULO STATE, BRAZIL
Peres MG, Bacchiaga TS, Martorelli LFA, Kataoka APAG, Vicente AF, Apollinario CM, Allendorf SD, Antunes JMAP, Megid J, FMVZ - Unesp Botucatu - DHVSP

PT.074

I FÓRUM DE QUALIDADE E BIOSSEGURANÇA NO DIAGNÓSTICO DA RAIVA EM RECIFE: PERSPECTIVAS E MUDANÇAS DE PARADIGMA
Araujo ACR, Machado JLM, Ribeiro MGB, Silva LAM, Oliveira JCT, Gomes ES, Boller MAA, LACEN/LANAGRO-PE -Diagnóstico de Raiva

**04:00 – 04:30 PM
COFFEE BREAK****04:30 – 06:00 PM****MOLECULAR EPIDEMIOLOGY**

Chair: Cathleen Hanlon and Laura Robinson

CO.038

IDENTIFICATION OF THE SPECIES OF RESERVOIRS AND HOSTS OF THE RABIES VIRUS AND OTHER PATHOGENS BY SEQUENCING OF THE CYTOCHROME-B MITOCHONDRIAL DNA GENE
Carnieli Jr P, Batista HBCR, Scheffer KC, Fahl WO, Lima JYO, Oliveira RN, Castilho JG, Iamamoto K, Carrieri ML, Kotait I, Instituto Pasteur

CO.039

PHYLOGENETIC ANALYSIS OF RABIES VIRUS IN THE STATE OF RIO GRANDE DO SUL, SOUTHERN BRAZIL
Batista HBCR¹, Oliveira RN¹, Carnieli Jr P¹, Ferreira JC², Rosa JCA², Castilho JG¹, Fahl WO¹, Paula FC de¹, Sales EF³, Pacheco SM⁴, Maletich DJ³, Carrieri ML¹, Roehe PM^{2,5}, Kotait I¹ - ¹Instituto Pasteur - Virologia, ²FEPAGRO Saúde Animal, Instituto de Pesquisas Veterinárias Desidério Finamor, Eldorado do Sul, RS, Brazil, ³Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, RS, Brazil, ⁴Instituto Sauber, Porto Alegre, RS, Brazil, ⁵Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, RS, Brazil

CO.040

SITUACIÓN EPIDEMIOLÓGICA DE LA RABIA EN CHILE – 2000-2011
Yung V, Favi M, Fernandez J, Instituto de Salud Pública de Chile

CO.041

MOLECULAR CHARACTERIZATION OF RABIES VIRUS AND OTHER VIRAL AGENTS ISOLATED FROM BATS IN VENEZUELA
Boyer L¹, Pujol F², Hidalgo M¹, Papo S³ - ¹National Institute of Agricultural Research (INIA) - Rabies Laboratory, ²Venezuelan Institute of Scientific Investigation (IVIC) - Molecular Virology Laboratory, ³National Institute of Integral Agricultural Health (INSAI) - Department of Control and Prevention of Rabies Wildlife

CO.042

MOLECULAR EPIDEMIOLOGY OF RABIES VIRUS IN MEXICO'S NORTHERN BORDER FROM 2005 TO 2012
Felix AM, Secretaria de Salud - Virologia

CO.043

THE SPATIAL AND TEMPORAL DYNAMICS OF RABIES IN CHINA
Tang Q¹, Yu J¹, Hao L¹, Rayner S², Liang G¹ - ¹China CDC - Institute for Viral Disease Control and Prevention, ²Chinese Academy of Sciences - Wuhan Institute of Virology

08:00 – 09:30 AM**ROUND TABLE
HUMAN RABIES PROPHYLAXIS**

Chair: Rodney Willighouby

Participants:

Charles Rupprecht, LYSSA, LLC, Atlanta, GA USA
Neide Yumie Takaoka, Institute Pasteur, Brazil
Henry Wilde, Chulalongkorn University, Thailand

09:30 – 10:00 AM**POSTER SESSION****PT.075**

ANÁLISE ESPACIAL DA EPIZOOTIA DE RAIVA OCORRIDA NO MUNICÍPIO DE CAMPINAS-SP, BRASIL, NOS ANOS DE 2000 A 2002
Ramos LHM, Donalísio MR, Lourenço RW, Prefeitura Municipal de Campinas - Secretaria Municipal de Saúde

PT.076

DIAGNOSIS OF RABIES AND EASTERN AND WESTERN EQUINE VIRAL ENCEPHALITIDES IN EQUIDS BY MULTIPLEX HEMI-NESTED RT-PCR TECHNIQUE
Iamamoto K, Durymanova EA, Carrieri ML, Oliveira RN, Carnieli Jr P, Fahl WO, Kotait I, Silva MLCR, Castilho JG, Ito FH, Instituto Pasteur

PT.077

IMPLEMENTATION OF THE FLUORESCENT ANTIBODY TECHNIQUE NEUTRALIZATION VIRUS TEST IN RABIES LABORATORY DIAGNOSIS OF PASTEUR INSTITUTE OF SÃO PAULO/BRAZIL
Ferreira JS, Trotti ACP, Scheffer KC, Caporale GMM, Silva ACR, Chaves LB, Instituto Pasteur

PT.078

PROFILAXIA PRÉ-EXPOSIÇÃO DA RAIVA HUMANA ATENDIDOS NO AMBULATORIO MÉDICO DO INSTITUTO PASTEUR EM 2011
Cunha RS, Instituto Pasteur

PT.079

ESTRATÉGIA DO ESTADO DE SÃO PAULO PARA A VACINAÇÃO CONTRA A RAIVA EM CÃES E GATOS EM SITUAÇÃO DE ABASTECIMENTO PARCIAL DE VACINA
Takaoka NY, Reichmann ML, Omoto T, Kotait I, Instituto Pasteur

PT.080

EVENTOS ADVERSOS PELA VACINA CONTRA A RAIVA EM CÃES E GATOS NO ESTADO DE SÃO PAULO – 2010
Takaoka NY, Reichmann ML, Omoto T, Kotait I, Gomes LH, Aranda CM, Instituto Pasteur

PT.081

LAS 5 CLAVES PARA LA PREVENCIÓN DE MORDEDURAS DE PERROS
Gebara RR, Gamboa M, Mora R, Vigilato MA, Tamayo H, WSPA - World Society for the Protection of Animals

PT.082

EVALUATION OF CLINICAL ASPECTS, FLUORESCENT ANTIBODY TEST AND N GENE QUANTIFICATION OF RABV VARIANTS ISOLATED FROM DIFFERENT ANIMAL SPECIES
Allendorf SD, Harary CMA, Vicente AF, Antunes JMAP, Peres MG, Fonseca CR, Megid J, FMVZ-Unesp - DHVSPMI

PT.083

EPIDEMIOLOGICAL ANALYSIS OF RABIES IN HERBIVORES IN THE REGION OF ARAÇATUBA – SÃO PAULO, BRAZIL: PRELIMINARY RESULTS
Alves AJS, Carvalho C, Casagrande DKA, Souza Filho VN, Pedro WA, Queiroz LH, Unesp - Faculdade de Medicina Veterinária de Araçatuba - Departamento de Apoio, Produção e Saúde Animal

PT.084

A REVIEW OF THE CLASSIFICATION OF RABIES VIRUS LINEAGES MAINTAINED BY INSECTIVOROUS BATS IN BRAZIL
Oliveira RN, Castilho JG, Batista HBCR, Paula FC de, Carnieli Jr P, Lima JYO, Macedo CI, Menozzi BD, Carrieri ML, Kotait I, Miranda CCP, Brandão PE, Instituto Pasteur

PT.085

In situ EVALUATION OF CYTOTOXIC IMMUNE RESPONSE IN CENTRAL NERVOUS SYSTEM OF HUMAN RABIES TRANSMITTED BY DOG AND VAMPIRE BAT
Guedes F, Fernandes ER, Martins JF, Pagliari C, Duarte MIS, Instituto Pasteur

PT.086

CELLULAR GROWTH IN DIFFERENT BIOREACTORS TO RABIES VIRUS PRODUCTION
Lantieri VS, Medeiros FM, Frazatti-Gallina NM, Intituto Butantan - Seção de Raiva

PT.087

AVALIAÇÃO DAS VACINAS ANTIRRÁBICAS VETERINÁRIAS, NACIONAIS E IMPORTADAS, REALIZADAS PELO MINISTÉRIO DA AGRICULTURA, PECUÁRIA E ABASTECIMENTO DO BRASIL NO PERÍODO DE 2009 A 2011
Campos APG, Gonçalves G, Zaroni MMH, Sirineu JC, Buzatto DF, Faria AM, Ministério da Agricultura, Pecuária e Abastecimento - Lanagro-SP - Controle de Vacinas Antirrâbicas

PT.088

DOGS AND CATS RESCUED IN A SMALL BRAZILIAN CITY: POTENTIAL RABIES TRANSMITTERS
Babboni SD, Fornazari F, Gonzalez GK, Modolo JR, Unesp Botucatu - Higiene Veterinária e Saúde Pública

PT.089

CONHECIMENTO SOBRE RAIVA AVALIADO A PARTIR DE ALUNOS DO 2º ANO FUNDAMENTAL DE UMA ESCOLA MUNICIPAL DE JABOTICABAL-SP
Moraes FC, Picinato MAC, Grisólio APR, Nunes JOR, Frias DFR, Cruz CA, Meirelles-Bartoli RB, Rodrigues TO, Bürger KP, Carvalho AAB, FCAV/Unesp Jaboticabal-SP

PT.090

A RETROSPECTIVE STUDY OF ANIMAL RABIES DIAGNOSIS IN THE CENTRAL REGION OF SÃO PAULO STATE, BRAZIL, DURING A 10-YEAR PERIOD
Langoni H, Fornazari F, Marson PM, Guimarães FF, Menozzi BD, Da Silva DB, Paiz LM, Wanderley GG, Cavalcante RV, Unesp Botucatu - Higiene Veterinária e Saúde Pública

PT.091

ANTIGENIC CHARACTERIZATION OF RABID ANIMAL ISOLATES, NORTHERN BRAZIL, 2008-2012
Casseb LMN, Coelho TFSB, Pereira AS, Ferro MNP, Lopes NRS, Begot AL, Lima RJS, Vasconcelos PFC, Travassos da Rosa ES, Instituto Evandro Chagas - Seção de Arbovirologia e Febres Hemorrágicas

PT.092

ANTIGENIC AND GENOTYPIC CHARACTERIZATION OF RABIES VIRUS ISOLATES FROM BATS FROM BOTUCATU CITY AND REGION
Menozzi BD, Carrier ML, Oliveira RN, Pereira VBR, Langoni H, Unesp - DHVSP

PT.093

EXPRESSION DA GLICOPROTEÍNA DO VÍRUS DA RAIVA POR CÉLULAS DE DROSÓFILA E ANÁLISE DA PRODUÇÃO DE ANTICORPOS EM CAMUNDONGOS IMUNIZADOS
Ventini-Monteiro DC, Lemos MAN, Jorge SAC, Tonso A, Pereira CA, Astray RM, Instituto Butantan - Laboratório de Imunologia Viral

PT.094

AVALIAÇÃO DO PROGRAMA DE ATENDIMENTO ANTIRRÁBICO A PESSOAS ENVOLVIDAS EM AGRAVOS COM ANIMAIS NO MUNICÍPIO DE DESCALVADO, SÃO PAULO, BRASIL
Grisólio APR, Bürger KP, Souza RR, Nunes JOR, Picinato MAC, Moraes FC, Frias DFR, Machado MA, Bichuette MA, Carvalho AAB, FCAV - Unesp Jaboticabal - Departamento de Medicina Veterinária Preventiva

PT.095

NON-SPECIFIC STIMULATION INDUCED BY CLOSTRIDIOSIS VACCINE IN ANTI-RABIES ANTIBODIES TITERS IN VACCINATED MICE
Appolinario CM, Allendorf SD, Peres MG, Martorelli LFA, Kataoka APAG, Vicente AF, Antunes JMAP, Megid J, Unesp - Faculdade de Medicina Veterinária e Zootecnia - Departamento de Higiene Veterinária e Saúde Pública

PT.096

FREQUÊNCIA DE QUIRÓPTEROS POSITIVOS PARA RAIVA EXAMINADOS NO ESTADO DE GOIÁS DE 2007 A 2011
Chagas IN, Rocha CGN, Aguiar MS, Resende RM, Vieira RC, Costa YL, Santos MFC, AGRODEFESA

PT.097

SÉRIE HISTÓRICA DOS CASOS DE RAIVA HUMANA NO ESTADO DO CEARÁ
Naylê FHD, Pinheiro KMA, Damasceno KA, Barros AS, Oliveira FB, Oliveira RJ, Oliveira RJ, Duarte BH, SESA-CE - NUVET

PT.098

EPIDEMIOLOGICAL ASPECT OF RABIES IN THE REGION OF VALE DO PARAÍBA DURING THE PERIOD OF 1992 TO 2011
Souza MCAM, Torres Junior MD, Lombardi Ferreira PA, Nassar AFC, Villalobos EMC, Ferrari JJ, Lara MCCSH, Cunha EMS, Polo APTA Vale do Paraíba - Laboratório de Sanidade Animal

PT.099

RABIA: DIAGNOSTICO Y CARACTERIZACION ANTIGENICA
Russo SE, Novaro LP, Burhard IR, Centurión G, Luque AA, SENASA - Rabia, DLA-DILAB

PT.100

RAIVA EM HERBÍVOROS NO MUNICÍPIO DE GRANJA, CEARÁ
Vasconcelos DC, Duarte NFH, Oliveira FB, Maia Júnior JE, Morais NB, ADAGRI

PT.101

VIGILÂNCIA AMBIENTAL DIANTE DO SURTO DE RAIVA SILVESTRE NO MUNICÍPIO DE SÃO BENEDITO NO ESTADO DO CEARÁ EM 2010
Silva MVS, Moura FBP, Secretaria da Saúde do Estado do Ceará - 1ª Coordenadoria Regional de Saúde de Fortaleza

PT.102

SEROPREVALENCE OF RABIES VIRUS IN WILD CARNIVORES
Peres MG, Bacchiega TS, Martorelli LFA, Kataoka APAG, Vicente AF, Apollinario CM, Allendorf SD, Antunes JMAP, Megid J, FMVZ - Unesp Botucatu - DHVSP

PT.103

VALORACIÓN DE UN TEST RÁPIDO DE INMUNOCROMATOGRÁFIA EN PLACA PARA LA DETECCIÓN DE RABIA EN MUESTRAS FRESCAS Y EN AVANZADA DESCOMPOSICIÓN DE ARGENTINA
Gury Dohmen F, Barcos O, Cisterna D, Cicuttin G, Mena Segura C, Beltrán F, Instituto de Zoonosis Dr. Luis Pasteur - Diagnóstico

PT.104

USE OF PROPIDIUM IODIDE LIKE A CELULAR CONTRAST STAINING IN THE DIRECT FLUORESCENT ANTIBODY (DFA) TEST FOR THE RABIES VIRUSES DIAGNOSTIC
Iguale-Vidales M, InDRE - Virologia

PT.105

EVALUATION OF BAIT FLAVORS FOR POTENTIAL USE IN ORAL RABIES VACCINE DELIVERY TO FERAL DOGS (*Canis familiaris*)
Bender SC, Bender P, Hausig K, Berentsen A, Bergman DL, VerCauteren K, Navajo Nation - Navajo Nation Veterinary Program

PT.106

PROFILAXIA DA RAIVA HUMANA: COMPARAÇÃO DOS ATENDIMENTOS MÉDICOS NOTIFICADOS EM 2001 E 2011 NO ESTADO DE SÃO PAULO, BRASIL
Omoto TM, Takaoka NY, Instituto Pasteur

PT.108

EFFECTS OF AMPHIBIAN SKIN SECRETION MOLECULES ON RABIES VIRUS INFECTION IN MAMMALIAN CELLS
Vigrelli H, Sciani JM, Jared C, Antoniazzi MM, Caporale GMM, Silva ACR, Pimenta DC, Instituto Butantan - Laboratório de Bioquímica e Biofísica

PT.109

USO DE YODURO DE PROPIDIO COMO COLORANTE DE CONTRASTE CELULAR EN LA TECNICA DE INMUNOFLOURESCENCIA DIRECTA PARA EL DIAGNOSTICO DEL VIRUS DE LA RABIA
Iguale-Vidales M, InDRE - Virologia

PT.110

RABIES PROPHYLAXIS: EXPERIENCE REPORT ON INFECTIOUS DISEASES REFERENCE HOSPITAL IN NATAL, RIO GRANDE DO NORTE
Silva JDPS, Silva DS, Secretaria Estadual de Saúde

PT.111

TIME AND STORAGE TEMPERATURE INFLUENCE IN TITER OF ANTI RABIES VIRUS FLOURESCENT CONJUGATE PRODUCED IN PASTEUR INSTITUTE – SÃO PAULO
Troti ACP, Silva ACR, Peixoto ZMP, Ferreira KCS, Chaves LB, Caporale GMM, Instituto Pasteur

PT.112

A RAIVA EM SÃO JOSÉ DO EGITO, SERTÃO DE PERNAMBUCO: UMA ANÁLISE DAS AMOSTRAS ENVIADAS
Machado JL, Araújo ACR, Ribeiro MGB, Silva LAM, Oliveira JCT, Gomes ES, Boller MAA, LACEN-PE

PT.113

EL PROGRAMA DE EMPLEO TEMPORAL (PET): COMO UNA HERREMIENTA PARA LA VIGILANCIA EPIDEMIOLÓGICA DE COMUNIDADES CON FOCO RABICO EN EL ESTADO DE GUERRERO, MÉXICO
Dorantes SL, Carrillo OS, Secretaria de Salud - Guerrero - México - Zoonosis

**10:00 – 10:30 AM
COFFEE BREAK****10:30 – 12:15 AM****VACCINES**

Chair: Christine Fehlner-Gardiner and Luis Lecuona

CO.044

PLAYING THE ODDS: PRIORITIZING HUMAN RABIES BIOLOGICS IN LIMITED SUPPLY SCENARIOS
Recuenco S, Vora N, Rupprecht CE, CDC - Rabies Program

CO.045

IMMUNE RESPONSE OF BALB/C MICE IMMUNIZED WITH VERO CELL RABIES VACCINE AND BpMPLA-SE ADJUVANT
Frazzatti-Gallina NM¹, Silva ABP, Rinaldi DP, Silveri A, Raw I, Menezes CRB - ¹Instituto Butantan - Laboratório de Raiva

CO.046

SAFETY AND IMMUNOGENICITY OF THE PURIFIED VERO RABIES VACCINE NEXT GENERATION IN CHINESE PEDIATRIC (≥ 10 YEARS) AND ADULT POPULATIONS
Pichon S¹, Li R², Li J³, Shu JD¹, Chavand P¹, Minutello M¹, Guinet-Morlot F¹ - ¹Sanofi Pasteur, ²Guangxi Center for Disease Prevention and Control, ³National Institutes for Food and Drug Control

CO.047

DEVELOPMENT OF AN IN VITRO ELISA ASSAY FOR THE QUANTIFICATION OF THE IMMUNOGENIC GLYCOPROTEIN G PRESENT IN VACCINE BATCHES: COMPARISON OF IN VIVO AND IN VITRO VACCINE POTENCY TESTS
Jallet C¹, Castel G¹, Chteoui M¹, Tordo N² - ¹Institut Pasteur - Unit Antiviral Strategies, ²Institut Pasteur – Virology

CO.048

MOVING TOWARDS THE REPLACEMENT OF THE NIH TEST
Guinet Morlot F¹, Chabaud Riou M¹, Chapsal JM² - ¹Sanofi Pasteur - R&D, ²Sanofi Pasteur - IO

CO.049

AN ELECTROCHEMILUMINESCENT ASSAY FOR ANALYSIS OF RABIES VIRUS GLYCOPROTEIN IN RABIES VACCINES
Smith TG, Ellison JA, Carson WC, Ma X, Rupprecht CE, Centers for Disease Control and Prevention

CO.050

ONRAB® EFFICACY IN SKUNKS (*Mephitis mephitis*) AND RACCOONS (*Procyon lotor*)
Knowles MK¹, Fehlner-Gardiner C¹, Beresford A², Rosatte R³ - ¹Canadian Food Inspection Agency - Centre of Expertise for Rabies, Ottawa, Canada, ²Artemis Technologies Inc., Guelph, Canada, ³Ontario Ministry of Natural Resources - Wildlife Research and Development, Peterborough, Canada

CO.051

PRODUCTION AND EVALUATION OF A CHROMATOGRAPHICALLY PURIFIED VERO CELL RABIES VACCINE (PVRV) IN CHINA USING MICROCARRIER TECHNOLOGY
Tang Q¹, Yu P¹, Huang Y¹, Zhang Y², Liang G¹ - ¹China CDC - Institute for Viral Disease Control and Prevention, ²Beijing, China - Liaoning Chengda Biology Co.

**12:00 – 01:00 PM
LUNCH****01:30 PM**

LEAVING FOR “EMBU DAS ARTES” –
MAKSOD HOTEL HALL

05:30 – 10:00 PM

AUCTION AND BARBECUE AT ALMENAT HOTEL –
“EMBU DAS ARTES”

OCTOBER 18th**08:15 – 10:00 AM****WILDLIFE RABIES**

Chair: Adriaan Vos and Dennis Slate

CO.052

SKUNK RABIES IN TEXAS; A RETROSPECTIVE LOOK
Abbott S¹, Mesenbrink B¹, Mapston M¹, Bodenchuk M¹, Oertli E² - ¹USDA - Wildlife Services, ²Texas Department of State Health Services

CO.053

POPULATION STRUCTURE OF TWO RABIES HOSTS IN ALASKA
Clement CJ, Himschoot E, Goldsmith EW, Hundertmark KJ, Hueffer K, University of Alaska Fairbanks

CO.054

THE GERMAN RACCOON (*Procyon lotor*) POPULATION AS POTENTIAL RABIES RESERVOIR SPECIES
Vos A¹, Finke S², Habla C¹, Freuling C², Teifke J², Köllner B², Müller T² - ¹IDT Biologika GmbH, ²Friedrich Loeffler Institute - Federal Research Institute for Animal Health

CO.055

RABIES CONTROL PROGRAMMES IN THE BALKAN REGION: ACHIEVEMENTS AND PERSPECTIVES IN MACEDONIA
Cliquet F¹, Mrenoski S², Davcheva K³, Kirandjiski T⁴, Nakova E⁴ - ¹Nancy Laboratory for Rabies and Wildlife, France, ²Faculty of Veterinary Medicine in Skopje - Macedonia, ³Agriconsulting Europe SA - Macedonia, ⁴Food & Veterinary Agency - Macedonia

CO.056

RESULTS OF THE FIRST ONRAB® SAFETY AND IMMUNOGENICITY FIELD TRIAL IN RACCOONS IN THE U.S.
Chipman R¹, Vercauteren K², Nelson K¹, Algeo T¹, Slate D¹ - ¹USDA, APHIS - Wildlife Services, ²USDA, APHIS, WS - National Wildlife Research Center

CO.057

PREFERENCES OF SELECT ATTRACTANTS IN THE COATING OF ONRAB VACCINE BAITS BY RABIES RESERVOIR SPECIES
Johnson SR¹, Berentsen AR¹, Leland B², Oertli E³, Vercauteren K¹ - ¹USDA, APHIS, WS - National Wildlife Research Center, ²USDA, APHIS - Wildlife Services, ³Texas Department of State Health Services

CO.058

EVALUATION OF NON-TARGET ANIMAL EXPOSURE TO HUMAN ADENOVIRUS RECOMBINANT ORAL RABIES VACCINE – OHIO 2012
Wallace R, Blanton J, Vora N, Dyer J, Smith K, Chipman R, Rupprecht CE, US Centers for Disease Control and Prevention

**10:00 AM
COFFEE BREAK****10:30 – 12:15 AM****WILDLIFE RABIES**

Chair: Ana Maria Navarro and Oscar Larghi

CO.059

MULTIDISCIPLINARY APPROACH TO EPIZOOTIOLOGY AND PATHOGENESIS OF BAT RABIES VIRUSES IN THE UNITED STATES
Ellison JA¹, Johnson SR², Kuzmina NK³, Gilbert AT³, Carson WC³, Blanton J³, Vercauteren K², Rupprecht CE³ - ¹Centers for Disease Control and Prevention, Atlanta, Georgia, USA - Division of High-Consequence Pathogens and Pathology, ²National Wildlife Research Center, United States Department of Agriculture - Wildlife Services, Fort Collins, Colorado, USA, ³CDC

CO.060

KNOWLEDGE, ATTITUDES AND PRACTICES AMONG POPULATIONS EXPOSED TO BATS IN SOUTHERN NIGERIA
Osinubi MOV¹, Recuenco S¹, Kuzmin I¹, Haberling DL¹, Blau DM¹, Davis LB¹, Ehimiyein AM², Ogunkoya AB², Rupprecht CE¹ - ¹Centers for Disease Control and Prevention - Division for High-Consequence Pathogens and Pathology, ²Ahmadu Bello University, Zaria -Veterinary Medicine

CO.61

SPACE-TIME DYNAMICS OF ATTACKS BY HEMATOPHAGOUS BATS AND GEOGRAPHIC ACCESS TO HEALTH CARE IN A REGION OF MEXICO
Zaldivar-Gomez A¹, Arteaga-Troncoso G², Velazquez-Quiroz IR³, Delgado-Urbina C¹, Ramirez-Hernandez MD¹, Jimenez-Estrada JM¹ - ¹Laboratorio Estatal de Salud Pública del Estado de México - ISEM - Laboratorio de Rabia, ²Instituto Nacional de Perinatología, ³Laboratorio Estatal de Salud Pública del Estado de México - ISEM - Laboratorio de Biología Molecular

CO.62

RABIES VIRUS MONITORING IN BATS FROM THE DIRECT AREA OF INFLUENCE OF HYDROELECTRIC POWER PLANT IN JIRAU, RONDÔNIA, BRAZIL
Almeida MF¹, Rosa AR¹, Martorelli LFA¹, Kataoka APAG¹, Aires CC² - ¹Centro de Controle de Zoonoses - COVISA - PMSP, ²Museu de Zoologia da Universidade de São Paulo

CO.63

DELIMITAÇÃO DE ÁREAS DE CONTROLE NO ESTADO DE SÃO PAULO PARA A RAIVA DOS HERBÍVOROS NAS REGIÕES DA SERRA DA MANTIQUEIRA E CANASTRA
Cavalcanti MP, Nogueira VS, Gomes MN, Coordenadoria de Defesa Agropecuária - Secretaria de Agricultura e Abastecimento

CO.64

APLICACIÓN DEL MANEJO INTEGRADO DE PLAGAS (M.I.P.) EN EL CONTROL DEL *Desmodus rotundus* EN COSTA RICA
Sancho VH, Senasa - Costa Rica - Rabia

CO.65

SUSCEPTIBILITY OF MYOTIS LUCIFUGUS TO HETEROLOGOUS AND HOMOLOGOUS RABIES VIRUSES
Davis AD¹, Jarvis J¹, Pouliott C¹, Morgan S², Rudd RJ¹ - ¹Wadsworth Center - Division of Infectious Diseases, ²State University of New York, Albany - Department of Ecology and Evolutionary Biology

12:00 – 02:00 PM
LUNCH

02:00 – 04:00 PM

MATHEMATICAL MODELS AND RABIES CONTROL

Chair: Fernando Vargas Pino and Debora Briggs

CO.66

CDC'S GLOBAL DISEASE DETECTION PROGRAM AND THE INTERNATIONAL HEALTH REGULATIONS: PROVIDING EARLY WARNING TO CDC FOR HUMAN RABIES OUTBREAKS
Christian KA, Arthur RR, Centers for Disease Control and Prevention - Global Disease Detection and Emergency Response

CO.67

RESULTS WEBSITE FOR RABIES DIAGNOSTIC CONSULTATION INTO THE HEALTH SERVICES OF COAHUILA, MEXICO
Fernandez MM¹, Solis MEP², Romero MAR², Aguilar AMB¹ - ¹Laboratory of Public Health Saltillo, Coahuila, México, ²Health Services of Coahuila

CO.68

ANIMAL BITED AND HUMANE RABIES SURVEILLANCE IN IRAN
Shirzadi MR, Ministry of Health Iran

CO.69

TOWARDS HUMAN RABIES ELIMINATION IN EASTERN EUROPE AND MIDDLE EAST: CURRENT STATUS AND PROSPECTS
Vranjes N, Pasteur Institute Novi Sad, Serbia, Europe - Epidemiology Department

CO.70

COMPARATIVO DE LA INVERSIÓN EN BIOLÓGICOS ANTIRRÁBICOS PARA LA PREVENCIÓN DE LA RABIA HUMANA TRANSMITIDA POR EL PERRO EN MÉXICO
Vargas FP, Gutiérrez VC, Chávez IAF, Lezana MAF, Secretaría de Salud, México - CENAPRECE

CO.71

QUALITATIVE RISK MODEL TO ESTIMATE BOVINE RABIES OCCURRENCE IN BRAZIL
Braga GB¹, Leite BM², Santos EFS², Dias RA³ - ¹FMVZ-USP - Laboratório de Epidemiologia e Bioestatística, ²Brazilian Ministry of Agriculture, Livestock and Food Supply - Animal Health Department, ³Faculty of Veterinary Medicine, University of São Paulo - Department of Preventive Veterinary Medicine and Animal Health

CO.72

OPTIMIZATION OF SPATIAL ACCESSIBILITY TO VACCINATION POINTS OF 2009 RABIES VACCINATION CAMPAIGN IN SÃO PAULO CITY, BRAZIL
Dias RA, Polo G, Guilloux AGA, Ferreira F, Amaku M, Universidade de São Paulo - Departamento de Medicina Veterinária Preventiva e Saúde Animal

CO.73

RED COLLAR CAMPAIGN: HELPING TO CONTROL RABIES IN A HUMANE, EFFECTIVE AND SUSTAINABLE WAY
Gebara RR¹, Gamboa M², Quintero RM³, Hiby E⁴, Russell E⁴ - ¹WSPA - World Society for the Protection of Animals - WSPA Brasil, ²WSPA - World Society for the Protection of Animals - WSPA Mesoamérica, ³WSPA - World Society for the Protection of Animals - WSPA Sudamérica, ⁴WSPA - World Society for the Protection of Animals - WSPA International

04:00 – 04:30 PM
COFFEE BREAK

04:30 – 05:00 PM

LECTURE - DEBORA BRIGGS
“THE GLOBAL ALLIANCE FOR RABIES CONTROL: REDUTING THE BURDEN OF RABIES”

Chair: Charles E. Rupprecht

05:00 PM

ORGANIZING COMMITTEE XXIV RITA

05:30 PM
CLOSING CEREMONY