

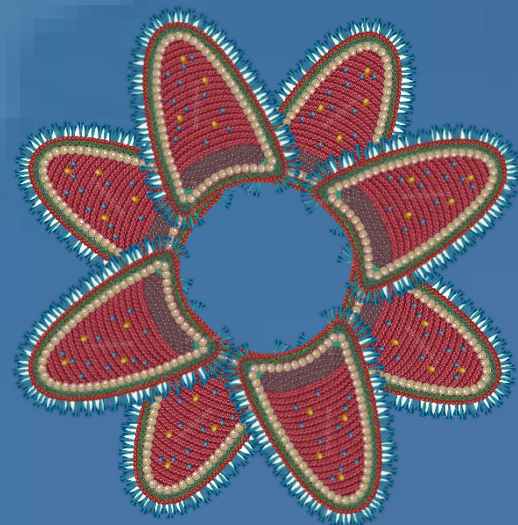


31st

ANNUAL
CONFERENCE
(Online format)

October 28-30

2020



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All times listed throughout this program are local to Mexico City, Mexico for October 28-30, 2020: Central Standard Time (CST or GMT-6)

Todos los tiempos indicados en el programa son horarios locales de la Ciudad de México del 28 al 30 de octubre de 2020: Tiempo Estándar del Centro (CST o GMT -6)

Todos os horários apresentados no programa se referem aos horários locais para a Cidade do México, México, de 28 a 30 de outubro de 2020: Horário Padrão Central (CST ou GMT-6)

Toutes les heures indiquées dans ce programme sont locales à Mexico, au Mexique, du 28 au 30 octobre 2020: heure normale du Centre (HNC ou UTC-6)

WELCOME!

On behalf of the RITA2020 Program and Scientific Committees I would like to welcome you to the 31st annual Rabies in the Americas Conference being held this year for the first time using an online format due to the COVID-19 pandemic. Since 1990, the RITA conference has brought together a unique community of rabies experts to share their research and knowledge in human, domestic animal and wildlife rabies prevention and control. Those who have attended RITA in the past know how special these meetings are for exchanging ideas and establishing new collegial relationships that help us all work together in our shared efforts to control and eliminate rabies.

Now more than ever we need meetings like RITA that bring people together with a shared sense of purpose to make the world a better place for others by eliminating rabies in all corners of the globe. While we won't be in the same place at the same time this year, the purpose of RITA2020 remains the same: to provide a platform for those "rabies warriors" who are willing to not only present, but also to listen and learn from others to find solutions to this real world problem impacting millions of people every day.

We are excited that you are attending the RITA2020 conference. We are grateful to both oral and poster presenters for taking the time to provide information regarding your important rabies research. I would also like to thank all of the generous sponsors that have made this conference possible. The support from many different agencies and organizations has been crucial to facilitating an outstanding conference.

Although we are pivoting to a new, virtual format this year, the spirit of learning, cooperation, and unified purpose that has always defined RITA remains the same. Thank you for joining us!

Sincerely,

Richard B. Chipman, MS, MBA
Chair, RITA2020 Program and Scientific Committees
Wildlife Biologist/Coordinator
USDA, National Rabies Management Program

On behalf of the International Steering Committee, welcome to the 31st Annual International Conference on Rabies in the Americas (RITA)!

RITA has grown, adapted and evolved since its inception over 30 years ago. What started out as a small meeting of scientists focused on oral vaccination of wildlife has grown into an annual international event with a diversity of biomedical topics related to rabies, including control, diagnostics, ecology, economics, epidemiology, pathobiology, phylogenetics, prevention, treatment, and other virological aspects of this zoonosis. And as we entered the fourth decade of RITA, we were forced to adapt once again, this time to a virtual platform. While this change has had its challenges, it has had the happy result of making the conference accessible to more participants than ever before.

We thank all of our sponsors for their kind and generous support, which has allowed us to offer the conference without registration fees and to have simultaneous interpretation available in four languages. I would like to make a special mention of the Pan American Health Organization Mexico Office, for providing their WebEx platform, as well as fantastic logistical support, for RITA2020.

While we did not plan to deliver a virtual RITA this year, the Program and Scientific Committees have worked very hard to deliver a full and exciting program that retains many of the hallmarks of the "usual" RITA conferences.

Whether this is your first RITA, your 31st, or somewhere in between, welcome! Over the next three days, I invite you to take in as many sessions as you can, ask questions of the speakers, partake in the poster session, visit our sponsors' virtual exhibition booths, and most importantly, engage with each other as much as you can!

Sincerely,

Christine Fehlner-Gardiner, PhD
President, RITA International Steering Committee
Head, Centre of Expertise for Rabies
Canadian Food Inspection Agency

¡BIENVENIDOS!

A nombre de los Comités Científico y del Programa de la RITA2020 tengo el agrado de darle la bienvenida a la 31^a Conferencia anual sobre la rabia en las Américas que se celebra este año por primera vez utilizando un formato en línea debido a la pandemia de COVID-19. Desde 1990, la conferencia RITA ha reunido a una comunidad única de expertos en rabia para compartir sus investigaciones y conocimientos sobre la prevención y el control de la rabia en humanos, animales domésticos y vida silvestre. Quienes han asistido a RITA en el pasado saben lo especiales que son estas reuniones para intercambiar ideas y establecer nuevas relaciones colegiadas que nos ayudan a todos a trabajar juntos en nuestros esfuerzos compartidos para controlar y eliminar la rabia.

Ahora más que nunca necesitamos reuniones como la RITA que unan a las personas con un sentido común y un propósito para hacer del mundo un lugar mejor para los demás mediante la eliminación de la rabia en todos los rincones del mundo. Si bien no estaremos en el mismo lugar a la misma hora este año, el propósito de RITA2020 sigue siendo el mismo: proporcionar una plataforma para aquellos "guerreros de la rabia" que están dispuestos no solo a presentar, sino también a escuchar y aprender de otros para encontrar soluciones a este problema del mundo real que afecta a millones de personas todos los días.

Nos complace que asista a la conferencia RITA2020. Agradecemos a los presentadores orales y de carteles por tomarse el tiempo para brindar información sobre su importante investigación sobre la rabia. También me gustaría agradecer a todos los generosos patrocinadores que han hecho posible esta conferencia. El apoyo de muchas agencias y organizaciones diferentes ha sido crucial para facilitar una conferencia excepcional.

Aunque este año estamos cambiando a un nuevo formato virtual, el espíritu de aprendizaje, cooperación y propósito unificado que siempre ha definido a la RITA sigue siendo el mismo. ¡Gracias por estar con nosotros!

Sinceramente,

Richard B. Chipman, MS, MBA
Presidente de los Comités Científico y del Programa
Biólogo de Vida Silvestre/Coordinador del
Programa Nacional de Control de la Rabia del USDA

A nombre del Comité Directivo Internacional, ¡bienvenidos a la 31^a Conferencia Internacional Anual sobre Rabia en las Américas (RITA)! La RITA ha crecido, se ha adaptado y evolucionado desde sus inicios hace más de 30 años. Lo que comenzó como una pequeña reunión de científicos centrada en la vacunación oral de la vida silvestre se ha convertido en un evento internacional anual con una diversidad de temas biomédicos relacionados con la rabia, que incluyen control, diagnóstico, ecología, economía, epidemiología, patobiología, filogenética, prevención, tratamiento y otros aspectos virológicos de esta zoonosis. Y cuando entramos en la cuarta década de RITA, nos vimos obligados a adaptarnos una vez más, esta vez a una plataforma virtual. Si bien este cambio ha tenido sus desafíos, ha tenido el feliz resultado de hacer que la conferencia sea accesible a más participantes que nunca.

Agradecemos a todos nuestros patrocinadores por su amable y generoso apoyo que nos ha permitido ofrecer la conferencia sin cuotas de inscripción y tener interpretación simultánea disponible en cuatro idiomas. Me gustaría hacer una mención especial a la Oficina de la Organización Panamericana de la Salud en México, por brindar su plataforma WebEx, así como un fantástico apoyo logístico, para la RITA2020.

Si bien no planeamos entregar un RITA virtual este año, los Comités de Programa y Científico han trabajado muy duro para entregar un programa completo y emocionante que conserva muchos de los sellos distintivos de las conferencias RITA "habituales".

Ya sea que este sea su primer RITA, su 31^a participación o alguna intermedia, ¡bienvenido! Durante los próximos tres días, los invito a asistir a tantas sesiones como puedan, hacer preguntas a los oradores, participar en la sesión de carteles, visitar los stands de exhibición virtual de nuestros patrocinadores y, lo más importante, interactuar entre sí tanto como sea posible. ¡Usted puede!

Sinceramente,

Christine Fehlner-Gardiner, PhD
Presidenta, RITA Comité Directivo Internacional
Líder, Centro de Expertos para la Rabia
Canadian Food Inspection Agency

BEMVINDOS!

Em nome do Comitê Científico e do Comitê do Programa RITA2020, gostaria de dar as boas-vindas à 31ª Conferência Anual sobre Raiva nas Américas, que está sendo realizada este ano pela primeira vez em formato online devido à pandemia COVID-19. Desde 1990, a conferência RITA reuniu uma comunidade única de especialistas em Raiva que compartilham suas pesquisas e conhecimentos na prevenção e controle da Raiva em humanos, animais domésticos e vida selvagem. Aqueles que participaram da RITA no passado sabem como essas reuniões são especiais para a troca de idéias e o estabelecimento de novos relacionamentos que nos ajudam a trabalhar juntos em nossos esforços compartilhados para controlar e eliminar a Raiva.

Agora, mais do que nunca, precisamos de reuniões como a RITA, que reúna as pessoas com um propósito compartilhado e comum de tornar o mundo um lugar melhor para os outros, eliminando a raiva em todos os cantos do globo. Embora não estejamos no mesmo lugar ao mesmo tempo este ano, o propósito da RITA2020 permanece o mesmo: fornecer uma plataforma para aqueles “guerreiros da raiva” que estão dispostos não apenas a apresentar, mas também a ouvir e aprender com outros para encontrar soluções para este problema do mundo real que afeta milhões de pessoas todos os dias.

Estamos entusiasmados com a sua participação na conferência RITA2020. Somos gratos aos apresentadores orais e de pôster por dedicar seu tempo para fornecerem informações sobre suas importantes pesquisas sobre Raiva. Também gostaria de agradecer a todos os generosos patrocinadores que tornaram esta conferência possível. O apoio de várias diferentes agências e organizações foi fundamental para facilitar a realização de uma conferência excepcional.

Embora estejamos nos voltando para um novo formato virtual este ano, o espírito de aprendizado, cooperação e propósito unificado que sempre definiu a RITA permanece o mesmo. Obrigado por se juntar a nós!

Atenciosamente,

Richard B. Chipman, MS, MBA
Presidente, Programa RITA2020 e Comitês Científicos
Biólogo /Coordenador de Vida Selvagem
USDA, Programa Nacional de Controle da Raiva

Em nome do Comitê Diretivo Internacional, bem-vindo à 31ª Conferência Internacional Anual sobre Raiva nas Américas (RITA)!

A RITA cresceu, se adaptou e evoluiu desde seu início, há mais de 30 anos. O que começou como um pequeno encontro de cientistas com foco na vacinação oral da vida selvagem se transformou em um evento internacional anual com uma diversidade de tópicos biomédicos relacionados à raiva, incluindo controle, diagnóstico, ecologia, economia, epidemiologia, patogênica e patologia, filogenética, prevenção, tratamento, e outros aspectos virológicos desta zoonose. E ao entrarmos na quarta década de RITA, fomos forçados a nos adaptar mais uma vez, desta vez para uma plataforma virtual. Embora essa mudança tenha seus desafios, ela teve o feliz resultado de tornar a conferência acessível a mais participantes nunca antes observado.

Agradecemos a todos os nossos patrocinadores pelo amável e generoso apoio, que nos permitiu oferecer a conferência sem taxas de inscrição e com tradução simultânea disponível em quatro idiomas. Gostaria de fazer uma menção especial ao Escritório da Organização Pan-Americana da Saúde no México, por fornecer sua plataforma WebEx, bem como um fantástico apoio logístico, para RITA2020.

Embora não tenhamos planejado realizar uma RITA virtual este ano, o Comitê do Programa e o Comitê Científico trabalharam muito para fornecer um programa completo e empolgante que mantém muitas das características das conferências RITA “usuais”.

Quer este seja o seu primeiro RITA, o 31º ou algo entre os dois, seja bem-vindo! Nos próximos três dias, convido você a participar do máximo de sessões que puder, fazer perguntas aos palestrantes, participar da sessão de pôsteres, visitar os estandes virtuais de exibição de nossos patrocinadores e, o mais importante, interagir uns com os outros o quanto puder!

Atenciosamente,

Christine Fehlner-Gardiner, PhD
Presidente, Comitê Diretivo Internacional da RITA
Chefe, Centro de Especialização em Raiva
Canadian Food Inspection Agency

BIEVENUE!

Au nom du comité du programme et du comité scientifique de RITA2020, je voudrais vous souhaiter la bienvenue à la 31e conférence annuelle sur la rage dans les Amériques qui se tient cette année pour la première fois en utilisant un format en ligne en raison de la pandémie COVID-19. Depuis 1990, la conférence RITA a réuni une communauté unique d'experts en rage pour partager leurs recherches et leurs connaissances en matière de prévention et de contrôle de la rage chez l'homme, les animaux domestiques et la faune. Ceux qui ont participé à RITA dans le passé savent à quel point ces réunions sont spéciales pour échanger des idées et établir de nouvelles relations collégiales qui nous aident tous à travailler ensemble dans nos efforts communs pour contrôler et éliminer la rage.

Aujourd'hui plus que jamais, nous avons besoin de réunions comme RITA qui rassemblent les gens avec un but commun pour rendre le monde meilleur pour les autres en éliminant la rage aux quatre coins du globe. Bien que nous ne soyons pas au même endroit au même moment cette année, le but de RITA2020 reste le même: fournir une plate-forme pour ces «guerriers de la rage» qui sont prêts non seulement à présenter, mais aussi à écouter et à apprendre de d'autres pour trouver des solutions à ce problème du monde réel qui touche des millions de personnes chaque jour.

Nous sommes ravis que vous assistiez à RITA2020. Nous sommes reconnaissants aux présentateurs d'avoir pris le temps de fournir des informations concernant vos recherches importantes sur la rage. Je tiens également à remercier tous les généreux sponsors qui ont rendu cette conférence possible. Le soutien de nombreuses agences et organisations a été essentiel pour faciliter une conférence exceptionnelle.

Bien que nous nous tournions vers un nouveau format virtuel cette année, l'esprit d'apprentissage, de coopération et d'objectif unifié qui a toujours défini RITA reste le même. Merci de nous avoir rejoint!

Cordialement,

Richard B. Chipman, MS, MBA

Président, Comité du programme et Comité scientifique de RITA2020

Biologiste de la faune / Coordonnateur

USDA, Programme national de lutte contre la rage

Au nom du Comité directeur international, bienvenue à la 31e Conférence internationale annuelle sur la rage dans les Amériques (RITA)!

RITA a grandi, s'est adapté et a évolué depuis sa création il y a plus de 30 ans. Ce qui a commencé comme une petite réunion de scientifiques axée sur la vaccination orale des animaux sauvages est devenu un événement international annuel avec une diversité de sujets biomédicaux liés à la rage, y compris le contrôle, le diagnostic, l'écologie, l'économie, l'épidémiologie, la pathobiologie, la phylogénétique, la prévention, le traitement, et d'autres aspects virologiques de cette zoonose. Et alors que nous entrons dans la quatrième décennie de RITA, nous avons été obligés de nous adapter une fois de plus, cette fois à une plateforme virtuelle. Bien que ce changement ait eu ses défis, il a eu l'heureux résultat de rendre la conférence accessible à plus de participants que jamais.

Nous remercions tous nos sponsors pour leur aimable et généreux soutien, qui nous a permis d'offrir la conférence sans frais d'inscription et d'avoir une interprétation simultanée disponible en quatre langues. Je voudrais faire une mention spéciale du bureau de l'Organisation panaméricaine de la santé au Mexique, pour avoir fourni sa plate-forme WebEx, ainsi qu'un fantastique soutien logistique, pour RITA2020.

Bien que nous n'ayons pas prévu de proposer une RITA virtuelle cette année, le comité du programme et le comité scientifique ont travaillé fort pour proposer un programme complet et passionnant qui conserve bon nombre des caractéristiques des conférences RITA «habituelles».

Que ce soit votre première RITA, votre 31e, ou quelque part entre les deux, bienvenue! Au cours des trois prochains jours, je vous invite à participer au plus grand nombre de séances possible, à poser des questions aux conférenciers, à participer à la séance d'affiches, à visiter les kiosques d'exposition virtuelle de nos sponsors et, surtout, à échanger le plus possible!

Cordialement,

Christine Fehlner-Gardiner, PhD

Présidente de Comité directeur international de RITA

Chef, Centre d'expertise sur la rage

Agence canadienne d'inspection des aliments

ACKNOWLEDGEMENTS

The Planning Committee would like to thank everyone who gave their time and energy to help plan and organize RITA2020 and make it a great success! In particular, we would like to express our sincere gratitude to the people below for their involvement:

- **Administration and organization:** Luis Lecuona, Dante Salazar
- **Translation:** Christine Fehlner-Gardiner, Jane Megid, Luis Lecuona
- **Website:** Josephine Kush
- **Program:** Kathy Nelson
- **Logo design:** Ma. Luisa L. Sierra, Graphic Designer

AGRADECIMIENTOS

El Comité Organizador Local quisiera agradecer a todos los que aportaron su tiempo y energía para ayudar planear y organizar la RITA2020 y que esta sea un gran éxito! En particular, nos gustaría expresar nuestro más sincero agradecimiento a las siguientes personas por estar involucradas:

- **Administración y organización:** Luis Lecuona, Dante Salazar
- **Traducción:** Christine Fehlner-Gardiner, Jane Megid, Luis Lecuona
- **Sitio Web:** Josephine Kush
- **Programa:** Kathy Nelson
- **Diseño de logo:** Ma. Luisa L. Sierra, Diseñadora Gráfica

AGRADECIMENTOS

O Comitê Organizador Local gostaria de agradecer a todos os que deram o seu tempo e energia para ajudar a planejar e organizar RITA2020 e torná-lo um grande sucesso! Em particular, gostaríamos de expressar nossa sincera gratidão às pessoas abaixo por seu envolvimento:

- **Administração e organização:** Luis Lecuona, Dante Salazar
- **Tradução:** Christine Fehlner-Gardiner, Jane Megid, Luis Lecuona
- **Website:** Josephine Kush
- **Programa:** Kathy Nelson
- **Logotipo:** Ma. Luisa L. Sierra, Desenhista gráfico

REMERCIEMENTS

Le comité de planification tient à remercier tous ceux qui ont donné de leur temps et de leur énergie pour aider à planifier et organiser RITA2020 et en faire un grand succès! En particulier, nous tenons à exprimer notre sincère gratitude aux personnes ci-dessous pour leurs contributions:

- **Administration et organisation:** Luis Lecuona, Dante Salazar
- **Traduction:** Christine Fehlner-Gardiner, Jane Megid, Luis Lecuona
- **Site web:** Josephine Kush
- **Programme:** Kathy Nelson
- **Conception graphique:** Ma. Luisa L. Sierra, Designer graphique

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Amy Gilbert
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Luis Lecuona
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GEORGE M. BAER LATIN AMERICAN INVESTIGATOR AWARD

The George M. Baer Latin American Investigator Award is given to a researcher from a Latin American country for outstanding work in the field of rabies research.

GEORGE M. BAER, MPH, DVM (1936-2009)

Dr. George Martin Baer, one of the founding members of the Rabies in the Americas Conference, died on June 2, 2009, in Mexico City, Mexico. He was an eminent virologist, veterinarian and public health scientist, with a strong affection for the developing world. Dr. Baer was born in London, England, but grew up in New Rochelle, New York where he became an accomplished equestrian and began a lifelong love of animals. He attended Cornell University where he obtained an undergraduate degree in agricultural sciences in 1954 and a degree in veterinary medicine in 1959. He earned a Master's degree in Public Health from the University of Michigan at Ann Arbor in 1961. Thereafter, Dr. Baer started his career in public health at the US Centers for Disease Control & Prevention and was assigned to the New York State Health Department in Albany where he focused on brucellosis, psittacosis and rabies. In 1964, he worked at CDC's Southwest Rabies Investigations Laboratory in Las Cruces, New Mexico on bat rabies. From 1966 to 1969, he was a consultant to the Pan American Health Organization (PAHO) in Mexico. Based on his efforts, he helped lay the groundwork for Mexico's public health programs against rabies, an effort he continued throughout the rest of his professional life. In 1969, he returned to Atlanta and became head of the CDC Rabies Laboratory. With his team of researchers, he developed a method for the immunization of wildlife, for which he was credited as the "Father of Oral Rabies Vaccination". His considerable expertise made him one of the foremost international experts in this arena. Of his more than 100 publications, his 1991 book, *The Natural History of Rabies*, remains a definitive reference in the field. After retirement from CDC, he founded a diagnostic laboratory in Mexico City and remained a member of the Mexican International Steering Committee for the Rabies in the Americas Conference.

For his multiple contributions, not the least of which focused on relevant technology transfer to the developing world, the International Steering Committee of the Rabies in the Americas Conference voted unanimously to name the annual prize for the best submitted abstract from a Central/South American scientist in his honor: the George M. Baer Latin American Investigator Award.

CONGRATULATIONS! • ¡FELICIDADES! • PARABÉNS! • TOUTES NOS FÉLICITATIONS!

Paola Puebla-Rodríguez (Mexico)

Winner of the 2020 George M. Baer Latin American Investigator Award
Presented on behalf of the International Steering Committee in recognition of her contribution to rabies research at the 31st Rabies in the Americas International Conference

See her presentation on Thursday,
October 29, 2020 at 9:00 AM



Ganadora del Premio George M. Baer a la Investigadora Latinoamericana
Presentado a nombre del Comité Directivo en reconocimiento a su contribución en investigación sobre rabia, durante la 31^a Conferencia Internacional de Rabia en las Américas

Puede ver su presentación el jueves 29 de octubre de 2020 a las 9 AM

Vencedora do Premio de Pesquisador Latino Americano George M. Baer 2020
Concedido em nome do Comitê Diretivo Internacional em reconhecimento a sua contribuição para a pesquisa da Raiva na 31^a Conferência Internacional de Raiva nas Américas

Vejam sua apresentação na quinta feira, dia 29 de outubro de 2020 às 9:00 AM

La lauréate du prix « George M. Baer » pour les chercheurs latino-américains
Présenté au nom du Comité directeur international de RITA en reconnaissance de sa contribution à la recherche sur la rage à la 31^e Conférence internationale sur la rage dans les Amériques

Voir sa présentation jeudi le 29 octobre 2020 à 9h00

Time Zone: Mexico City Central Standard Time (CST or GMT-6)

Time	Wed, Oct 28	Thu, Oct 29	Fri, Oct 30
9:00 AM	Opening Remarks	George Baer Award Presentation	Keynote Address #5
9:10	Keynote Address #1		
9:20			
9:30			
9:40	Human Rabies & Prophylaxis (2 @ 20 min ea)	Keynote Address #3	Bat Rabies & Control (3 @ 20 min ea)
9:50			
10:00 AM			
10:10	Break	Wildlife Rabies & Control (1 @ 20 min ea)	Break
10:20			
10:30	Human Rabies & Prophylaxis (3 @ 20 min ea)	Wildlife Rabies & Control (3 @ 20 min ea)	Break
10:40			
10:50			
11:00 AM	Break (Lunch)	Diagnostics (4 @ 20 min ea)	Bat Rabies & Control (2 @ 20 min ea)
11:10			
11:20			
11:30	Keynote Address #2	Progress Towards the 2030 Goal (3 @ 20 min ea)	Regional Update: Canada
11:40			
11:50			
12:00 PM	Break (Lunch)	Break (Lunch)	Break (Lunch)
12:10			
12:20			
12:30	Progress Towards the 2030 Goal (1 @ 20 min ea)	Keynote Address #4	Regional Update: USA
12:40			
12:50			
1:00 PM	Break	Break	Regional Update: Mexico
1:10			
1:20			
1:30	Progress Towards the 2030 Goal (3 @ 20 min ea)	Keynote Address #4	Regional Update: Brazil
1:40			
1:50			
2:00 PM	Vaccines & Antivirals (3 @ 20 min ea)	Canine Rabies & Control (4 @ 20 min ea)	Break
2:10			
2:20			
2:30	End of Day	End of Day	Regional Update: Argentina
2:40			
2:50			
3:00 PM	End of Day	End of Day	Regional Update: PAHO
3:10			
3:20			
3:30	End of Day	End of Day	Closing Remarks & RITA 2021
3:40			
3:50			
4:00 PM	End of Day	End of Day	End of Day
4:10			

GENERAL INFORMATION

[WWW.RITACONFERENCE.ORG](http://www.ritaconference.org)

CONFERENCE REGISTRATION

Please visit

<http://www.ritaconference.org/registration-2/> to register for RITA2020 at no cost!

ORAL SPEAKERS

All oral presentation files must be transferred via the personalized dropbox.com link you received from RITA2020 by Wednesday, October 21, 2020 at 17:00 EDT.

POSTER SESSIONS

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#RITA2020canine
#RITA2020diagnostics
#RITA2020economics
#RITA2020human
#RITA2020pathogenesis
#RITA2020progress0by30
#RITA2020vaccines
#RITA2020wildlife

If you have any questions about the poster sessions, please email:
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WEDNESDAY, OCTOBER 28

9:00 – 11:40 AM

MODERATOR

Alan Jackson
*University of Manitoba Health Sciences Centre
(Canada)*

9:00 – 9:10 AM

OPENING REMARKS

OP01: WELCOME TO RITA2020

Christine Fehlner-Gardiner
Canadian Food Inspection Agency (Canada)

9:10 – 9:40 AM

KEYNOTE ADDRESS 1

OP02: RABIES IN THE AGE OF COVID: A COMPLEX GLOBAL TABLEAU IN A POSITIVE, NON-VACUUM ON CURRENT MATTERS ARISING TOWARDS MUSING PRODUCTIVELY, COLLABORATING INGENIOUSLY & COMMUNICATING FRANKLY...

Charles Rupprecht
Lyssa LLC (United States)

9:40 – 10:20 AM

HUMAN RABIES & PROPHYLAXIS

OP03: SAFETY AND EFFICACY OF RABIES POST-EXPOSURE PROPHYLAXIS WITH HUMAN RABIES IMMUNOGLOBULIN (HRIG150; KEDRAB) AND ACTIVE VACCINATION IN PEDIATRIC PATIENTS

WITH SUSPECTED OR CONFIRMED RABIES VIRUS EXPOSURE: A PHASE 4 OPEN-LABEL SINGLE-ARM CLINICAL TRIAL

Nicholas Hobart-Porter
Kedrion Biopharma Inc. (United States)

OP04: COMPARING THE GLYCOSYLATION PATTERNS OF IGG1 ANTIBODIES INDUCED AFTER PRE-EXPOSURE RABIES PROPHYLAXIS

Gabriele Koike
Pasteur Institute of São Paulo (Brazil)

10:20 – 10:40 AM

BREAK & POSTER SESSION

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10:40 – 11:40 AM

HUMAN RABIES & PROPHYLAXIS (Continued)

OP05: CITY WITHOUT RABIES: DIDACTIC RESOURCE FOR HEALTH EDUCATION ACTIONS

Emmanuel Messias Vilar
Federal University of Paraíba (Brazil)

OP06: EMERGING SCENARIOS FOR VBR RESPONSE IN THE AMAZON BASIN DUE TO THE COVID-19 PANDEMIC: CHALLENGES AND OPPORTUNITIES

Sergio Recuenco-Cabrera
National University of San Marcos (Peru)

OP07: HUMAN RABIES PREVENTION: EPIDEMIOLOGICAL SITUATION OF POST-EXPOSURE PROPHYLAXIS ASSISTANCES IN BRAZIL, 2014-2019

Nathalie Mendes Estima
Ministry of Health (Brazil)

11:40 AM – 12:40 PM

LUNCH BREAK & POSTER SESSION

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12:40 – 3:50 PM

MODERATOR

Charles Rupprecht
Lyssa LLC (United States)

12:40 – 1:10 PM

KEYNOTE ADDRESS 2

OP08: RECOGNIZING MILESTONES ON THE ARDUOUS JOURNEY TO RABIES FREEDOM

Ryan Wallace
Centers for Disease Control and Prevention (United States)

1:10 – 2:10 PM

PROGRESS TOWARDS THE GOAL OF ZERO BY 2030

OP09: KENYAN NATIONAL RABIES ELIMINATION, MAKUENI COUNTY PILOT PROJECT

Emily Mudoga
World Animal Protection (Kenya)

OP10: POPPING THE RABIES BUBBLE: EXAMINATION OF ECONOMIC, ENVIRONMENTAL, POLITICAL, SOCIAL, AND HEALTH INDICATORS' ASSOCIATIONS WITH THE GLOBAL CANINE RABIES BURDEN AND PROJECTING 2030 TRENDS IN DISEASE BURDEN

Sarah Bonaparte
*Centers for Disease Control and Prevention
(United States)*

OP11: IMPACT OF AWARENESS ACTIVITIES AND ONLINE COURSES OF RABIES AMONG STUDENTS IN PRIMARY SCHOOLS OF PAKISTAN

Mamoona Arshad
Save Pakistan from Rabies (Pakistan)

CHIMERIC GLYCOPROTEIN PROTECTS ACROSS PHYLOGROUPS

Matthias Schnell
Thomas Jefferson University (United States)

OP15: COUNTRY CLASSIFICATION SYSTEM TO INFORM RABIES VACCINE RECOMMENDATIONS FOR INTERNATIONAL TRAVELERS AND DOG IMPORTATION REGULATIONS

Jesse Bonwitt
*Centers for Disease Control and Prevention
(United States)*

2:10 – 2:30 PM

BREAK & POSTER SESSION

Visit www.twitter.com or www.ritaconference.org

2:30 – 2:50 PM

PROGRESS TOWARDS THE GOAL OF ZERO BY 2030 (Continued)

OP12: THE CONTROL OF RABIES THROUGH HEALTH EDUCATION ON THE PREVENTION OF AGGRESSIONS BY DOGS AND CATS, CEARÁ, BRAZIL

Fernanda Melo Jucá
Humanitarian Environmental Education Association for Animal Welfare/BEAGUARAS (Brazil)

2:50 – 3:50 PM

VACCINES & ANTIVIRALS

OP13: STRUCTURAL INSIGHTS INTO THE COMPLEX ENTRY MECHANICS OF THE RABIES VIRUS

Manar Khalifa
Lancaster University (United Kingdom)

OP14: LYSSAVIRUS VACCINE WITH A NOVEL

THURSDAY, OCTOBER 29

9:00 – 11:40 AM

MODERATOR

Daniel Cisterna
National Institute of Infectious Diseases (Argentina)

9:00 – 9:30 AM

GEORGE M. BAER LATIN AMERICAN INVESTIGATORS AWARD

Presented by: Verónica Gutiérrez
Vice-President, International Steering Committee RITA, Inc.

OP17: CHARACTERIZATION OF TWO RABIES VIRUS VARIANTS IN WHITE-NOSED COATIS (*NASUA NARICA*) FROM YUCATAN AND QUINTANA ROO (2007-2020): ARE COATIS EMERGENT RESERVOIRS OF RABIES VIRUS IN MEXICO?

Paola Puebla-Rodríguez
Institute of Diagnostics and Epidemiological Reference/InDRE (Mexico)

9:30 – 10:00 AM

KEYNOTE ADDRESS 3

OP18: TRIALS, TRIBULATIONS AND TRIUMPHS OF MANAGING RACCOON RABIES IN NORTH AMERICA

Richard Chipman
USDA, Wildlife Services, National Rabies Management Program (United States)

10:00 – 10:20 AM

WILDLIFE RABIES & CONTROL

OP19: HOME RANGE BEHAVIOR OF VIRGINIA OPOSSUMS (*DIDELPHIS VIRGINIANUS*) IN RELATION TO ORAL RABIES VACCINATION TARGETING RACCOONS IN SUBURBAN AND URBAN HABITATS OF NORTHERN VERMONT

Shylo Johnson
USDA, Wildlife Services, National Wildlife Research Center (United States)

10:20 – 10:40 AM

BREAK & POSTER SESSION

Visit www.twitter.com or www.ritaconference.org

10:40 – 11:40 AM

WILDLIFE RABIES & CONTROL (*Continued*)

OP20: SEROEPIDEMIOLOGICAL ANALYSES OF RABIES VIRUS IN WHITE-NOSED COATIS (*NASUA NARICA*) AND RACCOONS (*PROCYON LOTOR*) IN THE ECOTURISTIC PARK MUSEO LA VENTA IN VILLAHERMOSA, TABASCO, MEXICO AND POSSIBLE IMPLICATIONS OF VIRUS DYNAMIC IN WILDLIFE POPULATIONS

Nidia Arechiga-Ceballos
Institute of Diagnostics and Epidemiological Reference/InDRE (Mexico)

OP21: SIMULATING ANIMAL MOVEMENT IN HUMAN-DEVELOPED LANDSCAPES TO OPTIMIZE VACCINATION STRATEGIES FOR RACCOON RABIES CONTROL

Amy Gilbert
USDA, Wildlife Services, National Wildlife Research Center (United States)

OP22: RABIES IN FREE-RANGING CAPYBARAS (HYDROCHOERUS HYDROCHAERIS) ON ANCHIETA ISLAND, UBATUBA, BRAZIL

Enio Mori
Pasteur Institute of São Paulo (Brazil)

11:40 AM – 12:40 PM

LUNCH BREAK & POSTER SESSION

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12:40 – 4:10 PM

MODERATOR

Verónica Gutiérrez
Secretary of Health/CENAPRECE (México)

12:40 – 2:00 PM

DIAGNOSTICS

OP23: EVALUATION OF RT-QPCR LN34 PAN-LYSSAVIRUS ASSAY FOR THE DETECTION OF DIFFERENT GENETIC LINEAGES OF RABV USING BRAZILIAN SAMPLES: PARTIAL RESULTS

Maria Eduarda Rodrigues Chierato
University of São Paulo (Brazil)

OP24: UPDATE ON THE BLUE RIBBON PANEL ON SEROLOGY IN SUPPORT OF ORAL VACCINATION: PROGRESS OF THE US NATIONAL SUBCOMMITTEE

Amy Gilbert
USDA, Wildlife Services, National Wildlife Research

Center (United States)

OP25: DEVELOPMENT OF RT-QPCR FOR CHARACTERIZATION OF DIFFERENT GENETIC LINEAGES OF THE RABIES VIRUS

Débora Fernanda Pedrozo Pavani
Pasteur Institute of São Paulo (Brazil)

OP26: APTITUDE ASSAY FOR THE DIAGNOSIS OF RABIES BY IMMUNOFLUORESCENCE IN THE AMERICAS

Israel Nicolas Reyes
National Service of Agrifood Health, Safety and Quality/SENASICA (Mexico)

2:00 – 2:20 PM

BREAK & POSTER SESSION

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2:20 – 2:50 PM

KEYNOTE ADDRESS 4

OP27: MISSION RABIES – MADNESS, MAYHEM... AND THE SIMPLE ART OF VACCINATION?!

Luke Gamble
Mission Rabies (United Kingdom)

2:50 – 4:10 PM

CANINE RABIES & CONTROL

OP28: THE IMPACT OF SARS-COV-2 PANDEMIC ON DOG RABIES IN LATIN AMERICA

Brinkley Raynor
University of Pennsylvania (United States)

OP29: VACCINATION CAMPAIGN AGAINST RABIES IN DOGS AND CATS 2019: BRAZIL'S SUPPORT IN EXECUTION IN BOLIVIAN MUNICIPALITIES THAT DO BORDER WITH BRAZIL

Silene Manrique Rocha
Ministry of Health (Brazil)

OP30: PILOTING OF ORAL RABIES VACCINATION IN STRAY DOG POPULATION IN THAILAND

Vilaporn Wongphruksasoong
Department of Livestock Development (Thailand)

OP31: STUDY OF THE ANTIRABIC VACCINATION COVERAGE OF THE BRAZILIAN CAMPAIGNS IN DOGS, FROM 2012 TO 2017

Mariana Olímpia Köhler Marra Pinto
Federal University of Minas Gerais (Brazil)

RITA AUCTIONS!

Every year at RITA, a fundraiser is held during the gala dinner! Money raised from a silent and live auction helps support the George M. Baer Award and cover expenses associated with RITA Inc. and the annual conference.

The auctions are possible thanks to the generosity of conference participants from around the world that donate a variety of items such as: books, crafts, paintings, sweets, curios, t-shirts, hats, etc. Big, small, serious and funny — it all goes to a great cause!

Due to the online, virtual nature of this year's RITA2020, we are unable to have a live or silent auction, but we still need your help funding the George Baer Award. We encourage you to continue supporting this quest by visiting <http://www.ritaconference.org/benefit-auction/> or emailing contact@ritaconference.org if you wish to make a monetary donation.

On behalf of the International Steering Committee and the RITA2020 Planning Committee, we thank you for your continued support of RITA, Inc.!



FRIDAY, OCTOBER 30

9:00 AM – 12:00 PM

MODERATOR

Juan Antonio Montaña Hirose
Technological University of Tecamac (Mexico)

9:00 – 9:30 AM

KEYNOTE ADDRESS 5

OP32: TOWARDS PREVENTION OF VAMPIRE BAT RABIES: FROM OUTBREAK FORECASTING TO TRANSMISSIBLE VACCINES

Daniel Streicker
University of Glasgow (United Kingdom)

9:30 – 10:30 AM

BAT RABIES & CONTROL

OP33: ESTIMATION OF LIVESTOCK HEALTH RISK FOR BOVINE RABIES OF WILD ORIGIN IN COLOMBIA, 2013-2018

Juan Pablo Vásquez
Rural Agricultural Planning Unit (Colombia)

OP34: PROGRESS OF A MOBILE APPLICATION FOR THE IDENTIFICATION OF RISKS OF RABIES TRANSMITTED BY VAMPIRE BATS IN MEXICO

Jose Alejandro Jimenez Ramirez
Vampire Control (Mexico)

OP35: INFECTION BIOLOGY OF A NOVEL VAMPIRE BAT HERPESVIRUS REVEALS A PROMISING VECTOR FOR TRANSMISSIBLE RABIES VACCINES

Megan Griffiths
University of Glasgow (United Kingdom)

10:30 – 10:50 AM

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10:50 – 11:30 AM

BAT RABIES & CONTROL (*Continued*)

OP36: FIRST DETECTION OF WEST CAUCASIAN BAT LYSSAVIRUS INFECTION IN A DOMESTIC CAT, ITALY, 2020

Paola de Benedictis
National Reference Centre for Rabies (Italy)

OP37: A REGIONAL PERSPECTIVE UPON DOMESTIC HERBIVORE RABIES MEDIATED BY HEMATOPHAGOUS BAT (*D. ROTUNDUS*) IN THE AMERICAS

Felipe Rocha
Pan American Health Organization (Brazil)

11:30 AM – 12:00 PM

REGIONAL UPDATE: CANADA

OP38: THE CHANGING LANDSCAPE OF RABIES IN CANADA – 2014-2020

Christine Fehlner-Gardiner
Canadian Food Inspection Agency (Canada)

12:00 – 1:00 PM

LUNCH BREAK & POSTER SESSION

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1:00 – 4:10 PM

MODERATOR

Laura Robinson
*Texas Department of State Health Services
(United States)*

1:00 – 1:30 PM

REGIONAL UPDATE: USA

OP39: RABIES SURVEILLANCE IN THE UNITED STATES DURING 2019

Xiaoyue Ma
*Centers for Disease Control and Prevention
(United States)*

1:30 – 2:00 PM

REGIONAL UPDATE: MEXICO

OP40: CURRENT SITUATION OF RABIES IN MEXICO

Verónica Gutiérrez Cedillo
Secretary of Health/CENAPRECE (Mexico)

2:00 – 2:30 PM

REGIONAL UPDATE: BRAZIL

OP41: EPIDEMIOLOGICAL SITUATION OF RABIES IN BRAZIL

Marcelo Yoshito Wada
Ministry of Health (Brazil)

2:30 – 3:00 PM

REGIONAL UPDATE: ARGENTINA

OP42: ARGENTINA: SITUATION UPDATE ON RABIES

Natalia Casas
Ministry of Health of the Nation (Argentina)

3:00 – 3:30 PM

REGIONAL UPDATE: PAHO

OP43: ACTIONS TAKEN BY NATIONAL PUBLIC HEALTH PROGRAMS ON THE FIGHT AGAINST DOG MEDIATED RABIES DURING STRUGGLES AND DIFFICULTIES FACED BY COVID-19 PANDEMIC

Marco Vigilato
Pan American Health Organization (El Salvador)

3:50 – 4:10 PM

CLOSING OF RITA2020

Christine Fehlner-Gardiner
Canadian Food Inspection Agency (Canada)

RITA 2021!

Eduardo Caldas
Secretary of Health (Brazil)

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 #RITA2020wildlife

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POSTERS: BAT RABIES & CONTROL

PP001: RABIES IN BATS (CHIROPTERA, MAMMALIA) IN BRAZIL: PREVALENCE AND POTENTIAL RISK FACTORS

Ana Beatriz da Cruz Favaro Garcia
 São Paulo State University/UNESP (Brazil)

PP002: MARKING OF INSECTIVOROUS BATS IN URBAN AREAS IN RIO GRANDE DO SUL, BRAZIL

André Alberto Witt
 State Department of Health of Rio Grande do Sul (Brazil)

PP003: DISTRIBUTION, ABUNDANCE, CONTROL

AND RECORDS OF CASES OF VAMPIRE BATS (DESMODUS ROTUNDUS) INFECTED WITH RABIES IN LIVESTOCK ENVIRONMENTS OF GUERRERO, MEXICO

Angel Neftali Osorio Rodriguez
 Institute for the Management and Conservation of Biodiversity (Mexico)

PP004: RABIES AWARENESS

Bilal Haider
 Global Alliance for Rabies Control/GARC (Pakistan)

PP005: RABIES IN BATS AND ITS RELATIONSHIP WITH RABIES IN DOMESTIC ANIMALS IN THE STATE OF SÃO PAULO, BRAZIL

Débora Nunes de Souza
 Pasteur Institute of São Paulo (Brazil)

PP006: NUMBER OF CASES, BEHAVIOR AND PROFILE OF POSITIVE-RABIES BATS RECOVERED FROM THE URBAN AREA OF BELO HORIZONTE, BRAZIL SOUTHEAST

Érica Munhoz de Mello
 Zoonosis Control Center from Belo Horizonte (Brazil)

PP007: RABIES IN HERBIVORES IN COLOMBIA: CURRENT SITUATION

Fabiola Rodriguez
 Colombian Agricultural and Livestock Institute/ICA (Colombia)

PP008: RABIES DIAGNOSIS IN BATS FOUND IN URBAN AREAS OF SANTA CATARINA, BRAZIL

Gabrielle Thaís Miodutzki
 São Paulo State University/UNESP (Brazil)

PP009: BATS IN URBAN AREAS OF BOTUCATU, SP (BRAZIL): IMPORTANCE OF RABIES SURVEILLANCE AND THE ONE HEALTH APPROACH

Gabrielle Thaís Miodutzki
São Paulo State University/UNESP (Brazil)

PP010: RABIES SPILLOVER DETECTED IN A CAT, PROVINCE OF BUENOS AIRES, ARGENTINA

Gustavo Martínez
Ministry of Health of the Province of Buenos Aires (Argentina)

PP011: HOW TO ENHANCE BAT SPECIES IDENTIFICATION PRIOR TO RABIES TESTING, AN EXPERIENCE OF THE 17TH REGIONAL DE SAÚDE, LONDRINA, PARANÁ, BRAZIL

Igor Massahiro de Souza Sugiura
Paraná State Department of Health (Brazil)

PP012: SPATIAL-MOLECULAR ANALYSIS OF PARALYTIC RABIES IN CENTRAL MEXICO

Isabel Bárcenas Reyes
Autonomous University of Queretaro (Mexico)

PP013: IN VITRO CHARACTERIZATION OF DIFFERENT GENETIC LINES OF RABIES VIRUS ISOLATED FROM NON HEMATOPHAGOUS BATS

Jaíne Gonçalves Garcia
Federal University of ABC (Brazil)

PP014: LIVESTOCK RABIES OUTBREAKS IN CEARÁ, BRAZIL: PREVENTION OF HUMAN RABIES IN RURAL ENVIRONMENT

Jarier de Oliveira Moreno
Federal University of Ceará (Brazil)

PP015: MONITORING OF CANINES AND FELINES EXPOSED TO RABIES BY CONTACT WITH INSECTIVOROUS BATS, JANUARY 2017-JULY 2020, AUTONOMOUS CITY OF BUENOS AIRES

Jimena Vidal
Luis Pasteur Institute of Zoonosis (Argentina)

PP016: INTERVENTIONS FOR RABIES CONTROL OUTBREAKS BY THE NATIONAL PROGRAM OF ZOOSES CONTROL AND RABIES NATIONAL CENTER IN PARAGUAY (2019-2020)

Jorge Miret
National Service for the Eradication of Vector-Borne Diseases/SENEPA (Paraguay)

PP017: BOVINE RABIES IN THE STATE OF SAN LUIS POTOSÍ (MEXICO): AN ANALYSIS FROM THE PERSPECTIVE OF THE LABORATORY 1992-2019

Juan Carlos Camacho Martinez
Zoonosis Laboratory (Mexico)

PP018: IDENTIFICATION OF BATS AND ANTIGENIC VARIANTS OF RABIES VIRUS IN THE URBAN AREA OF CAMPO GRANDE, MATO GROSSO DO SUL, BRAZIL

Juliana Arena Galhardo
Federal University of Mato Grosso do Sul (Brazil)

PP019: AN INVESTIGATION OF RABIES VIRUS STUDY GENETIC LINEAGES SPECIFIC TO THE BATS DESMODUS ROTUNDUS AND ARTIBEUS SPP. USING THE SEQUENCING BY ILLUMINA MISEQ PLATFORM

Juliana Galera Castilho Kawai
Pasteur Institute of São Paulo (Brazil)

PP020: ENVIRONMENTAL EDUCATION ON ECOLOGICAL IMPORTANCE OF BATS AND RABIES CONTROL IN URBAN SPACES, FORTALEZA, CEARÁ, BRAZIL

Karina Gatti de Abreu
Humanitarian Environmental Education Association for Animal Welfare/BEAGUARAS (Brazil)

PP021: GEOGRAPHIC DISTRIBUTION OF DESMODUS ROTUNDUS: THE IMPLICATIONS IN CASES OF RABIES IN CATTLE AND PHYLOGENETIC

ANALYSIS OF VIRAL ISOLATES IN THE MIDWEST REGION OF THE STATE OF SÃO PAULO

Karine Bott Mantovan
São Paulo State University/UNESP (Brazil)

PP022: ANTIGENIC AND MOLECULAR CHARACTERIZATION OF THE PHOSPHOPROTEIN OF THE NON-HEMATOPHAGOUS ISOLATED RABIES VIRUS EPITESICUS FURINALIS

Marcelia Sad Fernandes
Pasteur Institute of São Paulo (Brazil)

PP023: EPIZOOTIC OF WILD RABIES ON DOMESTIC ANIMALS IN THE NORTH REGION OF PERU

Ornela Chávez Inagaki
Ministry of Health (Peru)

PP024: IMPORTANCE OF A ZONOSSES SURVEILLANCE DEPARTMENT IN MONITORING THE URBAN BATS RABIES VIRUS

Paula Costa Lis
Municipal Surveillance of Zoonoses (Brazil)

PP025: RRABIES AND THE MANAGEMENT OF A LARGE COLONY OF THE INSECTIVOROUS BAT NYCTINOMOPS LATICAUDATUS (MOLOSSIDAE) IN SOUTHEASTERN BRAZIL

Valéria Gentil De Tommaso
Pasteur Institute of São Paulo (Brazil)

PP026: CHARACTERIZATION OF RABIES IN HERBIVORES, CEARÁ, BRAZIL, FROM 2014 TO 2019

Vanessa Lopes da Cunha
Humanitarian Environmental Education Association for Animal Welfare/BEAGUARAS (Brazil)

POSTERS: CANINE RABIES & CONTROL

PP027: CIRCULATION OF OWNERS IN VACCINATION STATIONS AGAINST RABIES OF DOGS AND CATS: LOGISTICS OR CULTURAL HABIT?

Aline Garcia Casteleti
São Paulo State University/UNESP (Brazil)

PP028: MITIGATION OF RABIES EXPOSURES AND HUMAN RABIES DEATHS THROUGH DOMESTIC DOG VACCINATION IN SERENGETI DISTRICT, TANZANIA

Anna Czupryna
University of Glasgow (United Kingdom)

PP029: EPIDEMIOLOGICAL PROFILE OF HUMAN ANTIRABIC CARE IN PATIENTS ATTENDED IN A REFERENCE PEDIATRIC HOSPITAL IN THE STATE OF RORAIMA, BRAZIL

Emerson Ricardo de Sousa Capistrano
State Secretary of Health of Roraima (Brazil)

PP030: ASSESSMENT OF THE KNOWLEDGE OF VETERINARIANS ABOUT THE STATE PROGRAM FOR THE CONTROL AND PROPHYLAXIS OF URBAN RABIES IN URUGUAIANA - RS, EXTREME SOUTHERN BRAZIL

Laura Ilarraz Massia
Environmental Health Surveillance (Brazil)

PP031: MONITORING AND EVALUATING THE PERFORMANCE OF A LARGE-SCALE DOG VACCINATION CAMPAIGNS AGAINST RABIES IN TANZANIA

Maganga Sambo
Environmental Health and Ecological Sciences Department (Tanzania)

PP032: SEROLOGICAL PROFILE OF DOGS AND CATS ASSISTED IN RABIES VACCINATION CAMPAIGNS IN THE MUNICIPALITY OF CURUÇÁ, PARÁ, BRAZIL

Márcio Cruz Pantoja
Federal University of Pará (Brazil)

PP033: USE OF AN APPLICATION FOR DATA COLLECTION DURING AN INTENSIVE CANINE RABIES VACCINATION CAMPAIGN IN A PRIORITY AREA OF ARGENTINA

Maria Celeste Castillo Pascual
Ministry of Health of the Nation (Argentina)

PP034: ALL EYES ON DOGS REPORT - THE KEY TO ELIMINATING RABIES

Melania Gamboa
World Animal Protection (Costa Rica)

PP035: CAVE DOGS, PIGS, AND LOCKDOWNS: WHAT'S THE LINK?

Micaela De la Puente-Leon
Cayetano Heredia University (Peru)

PP036: EFFECT OF COLLARING ON COMMUNITY ACCEPTANCE OF VACCINATED STREET DOGS

Muhammad Aftab Gohar
The Indus Hospital (Pakistan)

PP037: PROGRESS AND CHALLENGES IN FIGHTING DOG-MEDIATED RABIES IN THE NORTHERN COMMUNAL AREAS OF NAMIBIA

Rauna Athingo
Directorate of Veterinary Services (Namibia)

PP038: ADAPTIVE STRATEGIES FOR CONTINUITY OF CANINE RABIES VACCINATION PROGRAMS DURING THE COVID-19 PANDEMIC

Ricardo Castillo-Neyra
University of Pennsylvania (United States)

PP039: GENOMIC SEQUENCING OF RABIES VIRUS ISOLATED FROM DOGS IN AREQUIPA, PERU

Ricardo Luis Lopez Ingunza
National Institute of Health (Peru)

PP040: ADVANCING SCIENCE IN THE PUBLIC INTEREST TO REDUCE TRAUMA ON AT-RISK YOUTH

Ruth Steinberger
Spay FIRST! (United States)

PP041: CHARACTERIZATION OF RABIES IN THE MUNICIPALITY OF CAUCAIA, CEARA, BRAZIL, 2000 TO 2019

Tatiane de Aguiar Sousa
FATENE School of Northeast Technology (Brazil)

PP042: COST BENEFIT OF LATERAL STERILIZATION IN CATS

Theresita Legaspi Paul
Health Services of Veracruz State (Mexico)

POSTERS: DIAGNOSTICS

PP044: RABIES DIAGNOSIS: A COMPARATIVE STUDY AMONG DIRECT FLUORESCENT ANTIBODY, MOUSE INOCULATION TEST AND RABIES TISSUE CULTURE INFECTION TEST

Adriana Candido Rodrigues Nasraui
Pasteur Institute of São Paulo (Brazil)

PP045: EPIDEMIOLOGICAL SURVEY OF RABIES IN LIVESTOCK IN MATO GROSSO, BRAZIL: 2009 TO 2018

Daniel Moura de Aguiar
Federal University of Mato Grosso do Sul (Brazil)

PP046: EVALUATION OF TWO REAL-TIME, TAQMAN REVERSE TRANSCRIPTION-PCR ASSAYS FOR DETECTION OF RABIES VIRUS IN CIRCULATING VARIANTS FROM ARGENTINA

Diego Caraballo
Luis Pasteur Institute of Zoonosis (Argentina)

PP047: COMPARATIVE EVALUATION OF THE DIAGNOSTIC EFFICACY OF DIRECT (DRIT) AND INDIRECT (IRIT) RAPID IMMUNOHISTOCHEMICAL TESTS FOR RABIES ON SAMPLES OF THE CENTRAL NERVOUS SYSTEM FROM DIFFERENT ANIMAL SPECIES

Elaine Raniero Fernandes
Pasteur Institute of São Paulo (Brazil)

PP048: PHYLOGENETIC ANALYSIS OF RABIES VIRUS (RABV) VARIANTS IN MÉXICO

Emilio Venegas Cureño
National Service of Agrifood Health, Safety and Quality/SENASICA (Mexico)

PP049: DETERMINATION OF A HUMANITARIAN ENDPOINT IN MICE SUBMITTED TO THE RABIES VIRUS DIAGNOSTIC TEST

Fabiana Cabral Ferreira
Pasteur Institute of São Paulo (Brazil)

PP050: EVALUATION OF DIFFERENT REGIONS CENTRAL NERVOUS SYSTEM FOR THE DIAGNOSIS OF RABIES IN CATTLE AND EQUINES

Fernanda Guedes
Pasteur Institute of São Paulo (Brazil)

PP051: ANALYSIS OF RABIES DIAGNOSIS BY FLUORESCENT ANTIBODY TEST AND MOUSE INOCULATION TEST PERFORMED AT ZOOZONOSIS

DIAGNOSTIC LABORATORY OF THE SÃO PAULO STATE UNIVERSITY, BOTUCATU, BRAZIL

Gabrielle Thaís Miodutzki
São Paulo State University/UNESP (Brazil)

PP052: A RECOMBINANT VIRUS EXPRESSING STRONG FLORESCENCE SIMPLIFIES THE DETECTION OF NEUTRALISING ANTIBODIES AGAINST RABIES VIRUS

Guanghai Wu
Animal and Plant Health Agency/APHA (United Kingdom)

PP053: RETROSPECTIVE STUDY OF HISTOPATHOLOGICAL LESIONS IN CATTLE WITH NEUROLOGICAL SYNDROME DIAGNOSED AT THE NATIONAL VETERINARY DIAGNOSTIC LABORATORY (NVDL) OF THE COLOMBIAN AGRICULTURAL AND LIVESTOCK INSTITUTE (ICA) IN COLOMBIA IN 2019

Jahnier Andrés Caicedo Martínez
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