

Scientific Agenda RITA 2023 Colombia
Monday, October 16th

Hour	Topic	Moderators
	Opening ceremony	
2:00 - 2:30 pm	Hno. Nikky Murcia (Rector de la Universidad de La Salle) Dr. Verónica Gutierrez (Presidente Comité Directivo Internacional) Dr. Juan David Corrales Dr. Leonardo Roa (Universidad de La Salle)	Dr. Juan David Corrales
2:30 - 2:50 pm	Inaugural conferences “The Global Strategic Plan to end human deaths from dog-mediated rabies by 2030” (Rachel Tidman/World Organisation of Animal Health)	Dra. Natalia Cediél
2:50 - 3:10 pm	“America's Governance in Rabies Elimination: recommendations form REDIPRA 17” (Dr. Marco Vigilato/(PANAFTOSA/VPH-PAHO/WHO).	
3:15-4:00 pm	“Colombian experience on rabies control and prevention” Dr. Jairo Hernandez (Ministerio de Salud) Dr. Franklyn Prieto Alvarado / Diana Walteros (Instituto Nacional de Salud) Dr. Edilberto Brito (Instituto Colombiano Agropecuario)	Dr. Nathalia Mendez and Dra. Paula Bermudez
4:00-4:30 pm	1. A validated sandwich ELISA immunoassay for the quantitation of rabies glycoprotein as a tool for vaccine formulation and its correlation with NIH potency test (Almario/VECOL) 2. History of rabies in Colombia: the time for an intentional One health approach is now (Dr Cediél/U. Salle)	
4:45-6:00 pm	Welcome Cocktail	

Tuesday, October 17th

	1. Human rabies & Prophylaxis	
8:00 - 8:45 am	1.“Clinical impact of rabies: importance of evidence based guidelines” (Dr. Alfonso Rodriguez/ ACIN, Colombia) 2.“Clinical approach to rabies under the One Health lens”. (Dr. Wilmer Villamil/Centro de Investigación Ciencia de la Vida Universidad Simón Bolívar Barranquilla, Colombia)	Moderators: Dr. Alan Jackson (Universidad de Calgary, Canada) and Dr. Juliana Gonzalez Obando (UdeA, Colombia)
8:45- 10:15 am	1. Human rabies risks following exposure: Development of a rabies homunculus using an Artificial Intelligence tool (Dr. Stephen Scholand/Rabies free world) 2. Comparison of International Rabies Antibody Reference Standards (Dr. Susan Moore/U. of Missouri) 3. Cultural practices related to aggressions by potentially rabies-transmitting animals in Colombia. 2007 - 2009 (Dr. Luis Polo/U. Nacional de Colombia) 4. Development of SYN023 Anti-Rabies mAb Cocktail (Dr. Eric Tsao/Synermore Biologics) 5. Rabies and Dog Bite Prevention Training in Southwestern Kenya: Collaborating with Local Communities (Dr. Jerlyn Sponseller/Boehringer-Ingelheim) 6. Training in the appropriate approach in the first level of care of the patient exposed to the rabies virus by an animal susceptible to suffering from this zoonoses aimed at doctors and nurses in social service (Dr. Alma Aguilera/Servicios de salud pública de la ciudad de México)	
10:15 - 10:45 am	Coffee break & Posters exhibition	
	2. Epidemiology & Surveillance	
10:45 - 11:00 am	“Rabies epidemiology in Latin America and the Caribe” Dr. Marco Vigilato (PAHO)	Moderators: Natalia Cediél (Universidad de La Salle) and Dr. April Davis (NY state, USA)
11:00 - 12:15 p m	1. The widespread <i>Tadarida brasiliensis</i> population influences the distribution of rabies virus in Chile: preliminary results. (Dr. Zulma Rojas/U. Andres Bello) 2. An integrated spatial epidemiological approach to livestock rabies elimination in Brazil: the co-distribution of equine and bovine rabies in 2010-2019 (Dra. Holly Crompton/U. Queensland) 3. Model for Surveillance, Prevention and Control of Bat-Transmitted Rabies in Urban Areas of Valle Del Cauca, Colombia (Dra. Constanza Nuñez/ U Valle, Colombia) 4. Fifty years of the National Rabies Control Program in Brazil under the One Health Perspective (Dr. Silene Rocha/Min. Health, Brazil) 5. Cost Effectiveness Analysis of the Texas Wildlife Rabies Border Maintenance Zone (Dra. Stephanie Shwiff/USDA)	
12:15 -1:00 pm	Round table: ¿Which are the regional challenges to achieve the canine rabies free status? 1. Dra. Natalia Casas (Ministry of health, Argentina) 2. Dra. Veronica Gutierrez (Ministry of health, México) 3. Dr. Silene Manrique Rocha (Ministry of health, Brazil)	

		Colombia)
1:00 – 2:30 pm	Lunch with International RITA Committee	
2:30-2:45 pm	3. Vaccines & Antivirals Dr. Thomas Müller, “Oral rabies vaccination of dogs – new recommendations for field application and integration into dog rabies control programmes”.	Moderator: Thomas Muller (Friedrich- Loeffler-Institute) and Dr. Alfonso Rodriguez (ACIN)
2:45 – 3:45 pm	1. “Feasibility of ORV of dogs in Mexico; field studies on bait acceptance and immunogenicity” (Dr. Veronica Gutierrez, Min. Health-Mexico) 2. “Large scale ORV campaigns targeted at free-roaming dogs in Namibia” (Dr. Conrad Freuling/Friedrich-Loeffler-Institute) 3. “The pathway to regulatory approval of an oral rabies vaccine” (Dr. Adrian Vos/CEVA) 4. “The interface of arctic foxes and free-roaming dogs in the Northern Communities in Alaska and Canada” (Dr. Karsten Hueffer, U. Alaska Fairbanks)	
3:45 - 4:15 pm	George Baer Award session Presentation of the Conference Pradinho rabies outbreak, Brazil: Response actions and their intervening factors Dilceu Silveira Tolentino Júnior (Winner of George Baer Award)	Dr. Verónica Gutierrez and Dr. Charles Rupprecht
4:15 - 5:15 pm	Coffee break & Posters exhibition	Dra. Natalia Cediell
5:30 pm - 7:30 pm	Meeting with Colombian authorities in charge of rabies program and international specialists about wild carnivores in Colombia.	

Wednesday, October 18th

8:00-8:30 am	Ivanete Kotait Award session Early transcriptional modulation of SLC genes during rabies pathogenesis: possible crosstalk with glutamatergic pathways and neuronal protection in the brain. (Bastos et al) Winner of the IK award	Dr. Jane Megid and Dr. Charles Rupprecht
8:30 - 8:45 am	4 Wildlife rabies control Dr. Richard Chipman / Dra. Amy Gilbert (USDA, USA) “What are wildlife and people telling us? Considerations and conundrums in wildlife rabies management”	Moderator: Dr. Carlos Palacios (Fundación Pablo Cassará, Argentina) and Dr. Victoria Pereira (Universidad de La Salle)
8:45- 10:15 am	1. Exploring Rabies Transmission Dynamics at the Urban-Rural Interface: Engaging Student Citizen Scientists through Remote Camera Technology (Dr. Bender/Diné College) 2. Rabies virus serosurvey of the small Indian mongoose (<i>Urva auropunctata</i>) across multiple habitats in Puerto Rico, 2014-2021 (Dra. Are Berentsen/USDA) 3. Investigation into arctic fox oral rabies vaccination to reduce the rabies risk in Churchill, Canada (Jerao/Manitoba Agriculture) 4. Immunogenicity of recombinant live rabies virus vaccines in raccoons (Dra. Amy Gilbert/USDA) 5. Rabies virus surveillance in wildlife: a pilot of inter-institutional cooperation within the One-Health Framework (Dra. Maria Carreño/INS-Colombia) 6. Rabies in wild canids and the <i>Cerdocyon thous</i> variant in northeastern Brazil, spatial distribution and epidemiologic importance (Dr. Silene Manrique Rocha/Ministry of health, Brazil)	
10:15- 10:45 pm	Coffee break & Posters exhibition	
	5. Diagnostic	
11:00 -11:15 am	“Improving diagnosis in wildlife ” (Dra. Lorraine McElhinney WHO CC/UK).	Moderator: Dr. Juan Montaña (RITA Int. Committee México) and Dr. Dra. Nathalia María del Pilar Correa Valencia (UdeA, Colombia)
11:15-12:30 m	1. Diagnostic evaluation of the first canine-variant rabies cases in Canada in over 60 years (Dra Christine Fehlner/ Canadian Food Inspection Agency) 2. Direct rapid immunohistochemistry test in rabies virus isolates of domestic canids from the Maranhao and Mato Grosso do Sul states, Brazil. (Dra. FernandaGuedes/Instituto Pasteur) 3. Automated detection of neutralising antibodies utilising a fluorescent rabies virus. (Dr. Joan Manuel Amaya/APHA) 4. Implementation of wooden applicators as an alternative in the dissection of the brain for the diagnosis of Rabies virus (Dr. Efrén Jaramillo/Lab. Estatal de SP Nuevo León)	
12:30 - 1:45 pm	Lunch with International RITA Inc / Local Committee/ Sponsors / RITA 2024 representative	
	6. Bat rabies control	
1:45-2:00 pm	Dr. Diana Patricia Dallos (ICA) “Control of "Hematophagous bat" in the framework of the program for the prevention and control of wild rabies in Colombia”	Moderator: Dr. Diego Soler-Tovar (Universidad
2:00- 3:15pm	1. Situation of livestock rabies and the use of contact network to support hematophagous bat and rabies surveillance.	

	(Dr. Felipe Rocha/OPS) 2. Use of anticoagulants to control paralytic rabies and common vampire bat (<i>Desmodus rotundus</i>) populations: Historical analysis and perspectives (Laura Avila/U. Salle) 3. Molecular epidemiology and phylogeography of hematophagous bat Variant associated with human risk in Colombia (Dra. Maria Carreño/INS) 4. Epidemiological profile of the rabies virus transmitted by bats in the city of Fortaleza, Ceará (Dr. Moreira/Centro Universitario Christus-Brazil) 5. Bat status in Coahuila Mexico (Dr. Susan Moreno/Lab. Esta. Coahuila)	de la Salle, Colombia) and Janine Seetahal (USA)
3:15 – 4:00 pm	Coffee break & Posters exhibition	
4:00-5:15pm	7. Dogs rabies & Control Dr. Marco Vigilato (PAHO) “Advances to achieve Zero in 2030 in the Americas” 1. Alert level before rabies and population status of dogs and cats in the state of Puebla (Dr. Juan Balderas/Servicio de Salud de Puebla) 2. The potential of unmanned aerial vehicles (“drones”) for dog-mediated disease surveillance (Dr. Ricardo Castillo/U. Pennsylvania) 3. Building local excellence to create sustainable and scalable rabies elimination programs (Dr. FredericLohr/Mission rabies) 4. Community Participation in the Promotion and Prevention of Rabies in Peri-urban Areas of the Municipality of Ibagué. (Merino/Universidad Cooperativa de Colombia)	Moderators: Dr. Luis Joaquin Polo (Universidad Nacional de Colombia) and Dr. Christine Fehlner (Canadá)
6:00 - 12:00	Gala dinner & live music show & Benefit auction	

Thursday, October 19th

	7. Dog rabies & Control (continuation)	
9:30.- 10:45 am	1. Development of a Province-Wide Lay Vaccinator Program: Rabies Risk Management in Manitoba, Canada (Dra. Alexandra Jerao/Manitoba Agriculture) 2. Rabies virus exposure in dogs from Brazilian indigenous communities by serological analysis (Dra. Camila Appolinario/UNESP) 3. The dynamic impacts of mass dog vaccination on rabies incidence (Dra. Elaine Fergusson/U. Glasgow) 4. Case-report for rabies control and novel strategies for rabies prevention in a rural community in the state of Sonora, Mexico (Dr. Jorge Abril/Secretaría de salud de Sonora) 5. Facing off against rabies: Testing novel facial recognition technology to identify dogs during vaccination campaigns (Dr. Anna Czupryna/Universidad de Glasgow)	Moderator: Dr. Luis Carlos Villamil (U. Salle Colombia) and Dr. Verónica Gutierrez (RITA, México)
10:45-11:15 am	Coffee break & Posters exhibition	
	8. Pathogeny & Immunology	Moderator:
11:15-11.45 am	1. Experimental Pathology with rabies neuroscience approach (Dr. Orlando Torres/INS) 2. The Milwaukee protocol for treatment of rabies (Dr. Rodney Willoughby/U. Wisconsin)	Dr. Jane Megid (Universidade Estadual Paulista (UNESP), Brazil) and Dr. Wilmer Villamil (ACIN, Centro de Investigación Ciencia de la Vida Universidad Simón Bolívar Barranquilla, Colombia)
11:45-12:30 pm	3. Immune response against different variants of the rabies virus directs the course and clinical manifestations of the disease (Dra. Elaine Raniero/Instituto Pasteur - Brazil) 4. Loss of calbindin expression in mice inoculated with rabies virus (Dr. Julian Naizaque/ INS-Colombia) 6. Immunopathological changes in renal and urinary bladder tissues during experimental infection with a rabies virus antigenic variant 3 (Dra. Livia Madeiros/ Instituto Evandro Chagas)	
12:30: 2:00	Lunch Local Committee and RITA INC	
2:00 -5 pm	Gold museum visit	
5:00 - 5:30 pm	RITA 2024 presentation Poster award winner announce	
5:20 - 5:45 pm	RITA Colombia closure	
5:45 - 7:00 pm	Closure Cocktail	

Friday, October 20th

<p>9:00- 12:00 m</p>	<p align="center">RABIES IN THE AMERICAS CONFERENCE GLOBAL WEBINAR</p> <p align="center">“RABIES IN CATS – AN EMERGING PUBLIC HEALTH ISSUE IN THE AMERICAS?”</p> <p align="center">Register in the following link: https://us06web.zoom.us/j/87142241597</p> <p>Introduction Dr. Ce Rupprecht, Auburn University, Introduction</p> <p>Rabies In Cats In Colombia Dr. Luis Carlos Gomez, National Health Institute - Colombia</p> <p>Rabies In Cats In Brazil Dr. Silene Rocha, Ministry Of Health - Brazil</p> <p>Should we worry about rabies in cats? – A northern Americas perspective”, Dr. Christine Fehlner - Canadian Food Inspection Agency</p> <p>Rabies In Cats From A European Perspective Dr. Paola De Benedictis, Istituto Zooprofilattico Sperimentale delle Venezie</p> <p>Rabies In Cats In Asia Dr. Gyanendra Gongal, World Health Emergency, WHO Regional Office for South-East Asia, New Delhi, India</p> <p>Rabies In Cats In Africa Dr. Philip Mshelbwala, University of Queensland, Australia</p> <p>Biologics For Cat Vaccination Dr. Joanne Maki, Boehringer Ingelheim</p> <p>Round table Discussion</p> <p>Noon End</p>	<p>Dr. Charles Rupprecht and local committee</p>
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