

SIMPOSIO

“Situación actual y desafíos de la fiebre manchada por *Rickettsia rickettsii* en México”



PROGRAMME OF ACTIVITIES Wednesday, November 8th, 2023. Epidemiology and public health

08:00 – 08:15 Registration
08:15 – 08:45 Opening ceremony/Authorities

Conference	Speaker/Agency	Time
1. The current epidemiological situation and immediate challenges of RMSF in Sonora.	Dr. José Luis Alomía Zegarra Secretary of Public Health, State of Sonora. Hermosillo, Sonora.	09:00 – 09:40
2. Modification of social determinants and risk communication as fundamental strategies for controlling RMSF.	Dr. Ricardo Cortés Alcalá General Directorate of Health Promotion, Secretary of Health Mexico City	09:50 – 10:20
3. The epidemiological burden and insights for RMSF in Mexico.	Dra. Santa Elizabeth Ceballos Liceága National Directorate of Epidemiology, Secretary of Health. Mexico City.	10:30 – 11:00
4. National advances in the diagnosis of rickettsioses by laboratory and current situation.	M. Sc. Carina Berenice Brito Lorán Institute of Epidemiological Diagnosis and Reference, Secretary of Health. Mexico City.	11:00 – 11:30
COFFEE BREAK		
5. The current epidemiological situation and immediate challenges of RMSF in Baja California.	Dr. Néstor Saúl Hernández Milán Institute of Health Services (ISESALUD), Baja California. Mexicali, Baja California.	12:00 – 12:30
6. The current epidemiological situation and immediate challenges of RMSF in Coahuila.	Dr. Juan Edmundo Salinas Aguirre Department of Health Services, Coahuila. Saltillo, Coahuila.	12:40 – 13:20
7. The current epidemiological situation and immediate challenges of RMSF in Chihuahua.	Dra. Irma Leticia de Jesús Ruiz González Department of Health Services, Chihuahua. Ciudad Juárez, Chihuahua.	13:30 – 14:00
8. Outbreak of a rickettsial disease in Nuevo Leon, Mexico, 2022	Dr. Óscar Tamez Rivera School of Medicine and Health Sciences Tecnológico de Monterrey Monterrey, Nuevo León	14:10 – 14:40
LUNCH		
9. Rocky Mountain spotted fever (RMSF) in the Americas: past, present, and future.	Dr. Christopher D. Paddock Rickettsial Zoonoses Branch, Centers for Disease Control and Prevention. Atlanta, Georgia, USA.	15:30 – 16:10
10. Global overview of tick-borne diseases and critical recommendations to deal with.	Dr. David H. Walker Department of Pathology, University of Texas Medical Branch Galveston, Texas, USA.	16:20 – 17:00
11. Expert panel. Challenges and prospects for the prevention and control of RMSF in Mexico: from policy to implementation.	David H. Walker, Christopher Paddock, Ricardo Cortés, State speakers.	17:10 – 18:00



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DEPARTAMENTO DE MEDICINA Y CIENCIAS DE LA SALUD

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PROGRAMME OF ACTIVITIES

Thursday, November 9th, 2023.

Rocky Mountain spotted fever from the “One Health” approach

Conference	Speaker/Agency	Time
1. The genus <i>Rickettsia</i> in Mexico: current knowledge and perspectives.	Dr. Daniel Sokani Sánchez Montes Faculty of Biological and Agricultural Sciences, Universidad Veracruzana. Tuxpan, Veracruz.	09:00 – 09:40
2. Entomological surveillance of ticks in Mexico: current situation and challenges.	Biol. Cassandra González Acosta Department of Vector-Borne Diseases CENAPRECE, Secretary of Health. Mexico City.	09:50 – 10:30
3. The National Program of Rickettsiosis: the need of an integrated management strategy.	Dr. Verónica Gutiérrez Cedillo Department of Rabies and other zoonoses, CENAPRECE, Secretary of Health. Mexico City.	10:40 – 11:20
COFFEE BREAK		
4. New insights in the ecology of Rocky Mountain spotted fever in Mexico, from the One Health perspective.	Dr. Andrés M. López Pérez Institute of Ecology, National Council of Humanities, Sciences and Technology Xalapa, Veracruz	11:40 – 12:20
5. How the brown dog tick spreads and establishes across the world?.	Dr. Janet Foley Department of Medicine and Epidemiology, School of Veterinary Medicine, University of California, Davis. Davis, California, USA.	12:30 – 13:10
6. The One Health approach: a public health strategy to deal with tick-borne diseases.	Dr. Maureen Brophy Rickettsial Zoonoses Branch, Centers for Disease Control and Prevention. Atlanta, Georgia, USA.	13:20 – 14:00
LUNCH		
7. Socioecological determinants of rickettsial diseases: a need to be integrated in public health interventions.	Dr. Karla R. Dzul Rosado Center of Regional Researches “Hideyo Noguchi”, Universidad Autónoma de Yucatán. Mérida, Yucatán.	16:00 – 16:45
8. Expert panel. The One Health approach: what do we need to do to implement it in health services?	Maureen Brophy, Janet Foley, Verónica Gutiérrez, Fabian Correa, Karla Dzul, Andrés López, Daniel Sánchez.	16:45 – 18:00



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PROGRAMME OF ACTIVITIES

Friday, November 10th, 2023.

Research insights on Rocky Mountain spotted fever

Conference	Speaker/Agency	Time
1. How feasible is the development of a canine vaccine against <i>Rickettsia rickettsii</i> ?	Dr. Roman Ganta Department of Veterinary Pathobiology College of Veterinary Medicine, University of Missouri. Columbia, Missouri, USA.	08:30 – 09:15
2. Prospects about a canine vaccine for Rocky Mountain spotted fever: how close is it?	Dr. David H. Walker Department of Pathology, University of Texas Medical Branch Galveston, Texas, USA.	09:30 – 10:10
3. Identification and validation of robust targets for anti- <i>Rhipicephalus</i> vaccines	Dr. David M. Wagner Department of Biological Sciences, Northern Arizona University. Flagstaff, Arizona, USA.	10:20 – 11:00
COFFEE BREAK		
4. A rickettsia human vaccine candidate: discussing feasibility of a specific primary prevention strategy.	Dr. Karla R. Dzul Rosado Professor. Center of Regional Researches “Hideyo Noguchi”, Universidad Autónoma de Yucatán. Mérida, Yucatán.	11:20 – 12:00
5. Best practices for environmental prevention and control of <i>R. sanguineus</i> ticks: looking for new insecticides and repellents.	Biol. Cassandra González Acosta Department of Vector-Borne Diseases CENAPRECE, Secretary of Health. Mexico City.	12:10 – 12:50
6. Best practices for preventing and protecting people from tick exposure.	Dr. Johanna Salzer Rickettsial Zoonoses Branch, Centers for Disease Control and Prevention. Atlanta, Georgia, USA.	13:00 – 13:40
LUNCH		
7. Expert panel. Translating scientific research into public health interventions for RMSF: how to build capacity in low-resources settings.	David H. Walker, Roman Ganta, Fabián Correa, Karla Dzul, Johanna Salzer and David Wagner.	16:00 – 17:30
8. Closing remarks: building bridges between science and public health implementation to deal with RMSF in Mexico.	Dr. Gerardo Álvarez Hernández Department of Medicine and Health Sciences, Universidad de Sonora. Hermosillo, Sonora.	17:30 – 18:00



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