DAY 1 - TUESDAY 29 th		Ca	1
Activity Opening Ceremony	Details TBA	Starting at 08:30	GENERAL SESSIONS DIAGNOSTICS SESSIONS EPIDEMIOLOGY SESSIONS PATHOGENESIS & IMMUNOLOGY SESSIONS
ENAD status in South Frank 1 . St.	Danelle 41"	09:00	IMMUNOLOGY SESSIONS VACCINES SESSIONS VIROLOGY SESSIONS
FMD status in South-East Asia, China and Mongolia The global epidemiological situation of FMD	Ronello Abila, OIE Anna Ludi, WRL	09:15	
Global vaccine security and FMD	Keith Sumption, EuFMD	09:30	Opening Session
Progress of the global FMD control strategy	Samia Metwally, FAO	09:45 10:00	
DISCUSSION Tea Time		10:15	
	Jong-Hyeon Park,	10:45	
Improved vaccine for FMD eradication INTRODUCTION	APQA A. Capozzo / M. Mahapatra	11:15	
Low protection with an A/Asia/G-VII lineage FMDV emergency vaccine against an FMDV A/Asia/Iran-05 lineage virus challenge Challenges in FMDV strain selection as an input to attain broad vaccine cross- protection	P. Eblé I. Bergmann		
Protective capacity of FMD South American vaccine strains O1-Campos, A24 and A2001 against southeast Asian viruses of currently circulating topotypes Evaluation of FMDV serotype-O with improved thermostability as a vaccine candidate	V. Malirat B. Sreenivasa		Session 1
DISCUSSION			
Poster Pitch 1		12:20	
Lunch and Poster Viewing		12:40 14:00	
Foot-and-mouth disease control in endemic African settings: opportunities and challenges	Tiziana Lembo, University of Glasgow		
INTRODUCTION Complete genome analyses of FMD viruses belonging to serotypes O, A and SAT 2 in East, West and North Africa	D. Nilubol/ T. Lembo N. Knowles	14:30	
Molecular epidemiology of FMD virus serotype O in Thailand during 2017-2019 Use of new bioinformatics tools applied to a regional evolutionary study of FMDV in the 2000-2001 epidemics in Argentina	S. Ungvanijban G. König		Session 2
DISCUSSION Evolutionary competition drives the emergence and extinction of FMDV lineages	A. Di Nardo		
Spatial epidemiology, phylogeography, and risk factors for FMD in Uganda DISCUSSION	A. Munsey		
Poster Pitch 2		15:50	
Tea Time and Poster Viewing	Dachrit Nilubol, Chulalongkorn	16:00	
INTRODUCTION	University A. Ludi / Y. Li	16:50	
An overview of 146S-specific llama single-domain antibody fragments for use in FMD vaccine quality control Construction of a recombinant Ab phage display library derived from the immune repertoire of FMDV-SAT infected buffalo. Potential new diagnostic reagents?	M. Harmsen P. Opperman		
Reduction of Agpath reagent used in FMDV real-time TaqMan assay Viral particles prepared by size exclusion chromatography can be used as coating material for serological assays	N. Walker C. Turco		Session 3
DISCUSSION			
Poster Pitch 3		18:00	
Free Time and Poster Viewing		18:20	
"GFRA - Are We there yet?"	Jeff Hammond	19:30	
Dinner			
		21:30	
DAY 2 - WEDNESDAY 30 Activity	O th Details	Starting at 08:30	
Towards improved foot-and-mouth disease vaccines by dissecting immune responses using systems immunology approaches	Artur Summerfield, University of Bern		
INTRODUCTION Ripk3 restricted FMDV infection via necroptosis-independent inflammation	A. Summerfield / N. Singanallur X. Qin	09:00	
Viral determinants of FMDV A/Arg/01 virulence in adult mice Comparison of the adaptive immune responses induced by FMD-vaccines formulated with 146S and 75S particles in mice and cattle	M. Gismondi M. Miraglia		Session 4
The pathogenesis of simultaneous and serial FMDV coinfections in cattle DISCUSSION	C. Stenfeldt		
Poster Pitch 4		10:05	
Tea Time and Poster Viewing		10:20	
Serological assays used to measure vaccine-induced responses against FMDV Understanding serotypic cross-reactivity of antibody ELISAS and the impact on interpretation	A. Capozzo A. Ludi	10:50	
In-vitro vaccine-matching for FMDV: does bovine vaccinal sera (BSV) impact upon the reliability of serological immune responses? Sero-surveillance of FMD in wild boars in Korea	J. Senawi C. Lee		Session 5
Poster Pitch 5	K. Scott/R. Reeve	11:45	
Lunch and Poster Viewing GFRA Partner Meeting		12:00	
FMDV undermines the host antiviral response by cleavage of key innate immune sensors. Lessons learned from the foe.			
de initialic sensors, lessoris learned from the foe	Margarita Saiz, CBMSO-CSIC	13:30	
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population	CBMSO-CSIC E. Rieder / T. De Los Santos	13:30 14:00	
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro affects deisgylation and modulates the host innate immune response Sec62 negatively regulates FMDV replication by up-regulating IRE1a—RIG-I-	CBMSO-CSIC E. Rieder / T. De Los Santos I. Fish G. Medina		Session 6
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro affects deisgylation and modulates the host innate immune response	CBMSO-CSIC E. Rieder / T. De Los Santos I. Fish		Session 6
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro affects deisgylation and modulates the host innate immune response Sec62 negatively regulates FMDV replication by up-regulating IRE1a—RIG-I-mediated antiviral response STING-mediated integrated stress response to FMDV infection DISCUSSION	CBMSO-CSIC E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo		Session 6
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro affects deisgylation and modulates the host innate immune response Sec62 negatively regulates FMDV replication by up-regulating IRE1a—RIG-I-mediated antiviral response STING-mediated integrated stress response to FMDV infection	CBMSO-CSIC E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang	14:00 15:05 15:15	Session 6
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro affects deisgylation and modulates the host innate immune response Sec62 negatively regulates FMDV replication by up-regulating IRE1a—RIG-I-mediated antiviral response STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6	CBMSO-CSIC E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham	14:00 15:05	Session 6
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro affects deisgylation and modulates the host innate immune response Sec62 negatively regulates FMDV replication by up-regulating IRE1a—RIG-I-mediated antiviral response STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency	CBMSO-CSIC E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree	14:00 15:05 15:15	Session 6 Session 7
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro affects deisgylation and modulates the host innate immune response Sec62 negatively regulates FMDV replication by up-regulating IRE1a—RIG-I-mediated antiviral response STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency Baculovirus-induced fast-acting innate immunity as an antiviral strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in guinea pigs and cattle	CBMSO-CSIC E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina	14:00 15:05 15:15	
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro affects deisgylation and modulates the host innate immune response. Sec62 negatively regulates FMDV replication by up-regulating IRE1a-RIG-I-mediated antiviral response STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency Baculovirus-induced fast-acting innate immunity as an antiviral strategy against FMDV Re-establishment of FMD vaccine's antigens in guinea pigs and cattle DISCUSSION Poster Pitch 7 FMD vaccines for Eastern Africa Initiative	CBMSO-CSIC E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina	14:00 15:05 15:15 15:45	
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro offects deisgylation and modulates the host innate immune response Sec62 negatively regulates FMDV replication by up-regulating IRE1a-RIG-I-mediated antiviral response STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency Baculovirus-induced fast-acting innate immunity as an antiviral strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in guinea pigs and cattle DISCUSSION Poster Pitch 7 FMD vaccines for Eastern Africa Initiative Free Time and Poster Viewing	CBMSO-CSIC E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta	14:00 15:05 15:15 15:45 16:40 16:50	
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro affects deisgylation and modulates the host innate immune response Sec62 negatively regulates FMDV replication by up-regulating IRE1a-RIG-I-mediated antiviral response STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency Baculovirus-induced fast-acting innate immunity as an antiviral strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in guinea pigs and cattle DISCUSSION Poster Pitch 7 FMD vaccines for Eastern Africa Initiative Free Time and Poster Viewing Gala Dinner	CBMSO-CSIC E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta	14:00 15:05 15:15 15:45 16:40 16:50 17:00	
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro offects deisgylation and modulates the host innate immune response Sec62 negatively regulates FMDV replication by up-regulating IRE1a-RIG-I-mediated antiviral response STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency Baculovirus-induced fast-acting innate immunity as an antiviral strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in guinea pigs and cattle DISCUSSION Poster Pitch 7 FMD vaccines for Eastern Africa Initiative Free Time and Poster Viewing	CBMSO-CSIC E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta	14:00 15:05 15:15 15:45 16:40 16:50 17:00	
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro affects deisgylation and modulates the host innate immune response Sec62 negatively regulates FMDV replication by up-regulating IREIO-RIG-I-mediated antiviral response STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency Baculovirus-induced fast-acting innate immunity as an antiviral strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunagenicity studies of vaccine's antigens in guinea pigs and cattle DISCUSSION Poster Pitch 7 FMD vaccines for Eastern Africa Initiative Free Time and Poster Viewing Gala Dinner DAY 3 - THURSDAY 31 Activity INTRODUCTION Identification of RNA packaging signals in the genome of FMDV Molecular features of the integrin receptor and its interaction with the FMDV, an in-silico study, RNA secondary structure variation of CRE of FMDV is associated with host	E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta J. Salt J. Salt	14:00 15:05 15:15 15:45 16:40 16:50 17:00 23:30 Starting at	Session 7
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro affects deisgylation and modulates the host innate immune response Sec62 negatively regulates FMDV replication by up-regulating IRE1a-RIG-I-mediated antiviral response STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency Baculovirus-induced fast-acting innate immunity as an antiviral strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in guinea pigs and cattle DISCUSSION Poster Pitch 7 FMD vaccines for Eastern Africa Initiative Free Time and Poster Viewing Gala Dinner DAY 3 - THURSDAY 31 Activity INTRODUCTION Identification of RNA packaging signals in the genome of FMDV Molecular features of the Integrin receptor and its interaction with the FMDV, an in-silico study RNA secondary structure variation of CRE of FMDV is associated with host infection sensitivity Antiviral efficacy of short hairpin RNAs and artificial microRNAs targeting FMDV 3D	E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta J. Salt St Details Z. Zhang / M. Saiz T. Tuthill G. König	14:00 15:05 15:15 15:45 16:40 16:50 17:00 23:30 Starting at	
Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV - pro affects desgylation and modulates the host innate immune response Sec62 negatively regulates FMDV replication by up-regulating IRE1a-RIG-I-mediated antividual response STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency Baculovirus-induced fast-acting innate immunity as an antiviral strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in guinea pigs and cattle DISCUSSION Poster Pitch 7 FMD vaccines for Eastern Africa Initiative Free Time and Poster Viewing Gala Dinner DAY 3 - THURSDAY 31 Activity INTRODUCTION Identification of RNA packaging signals in the genome of FMDV Molecular features of the integrin receptor and its interaction with the FMDV, an in-silico study RNA secondary structure variation of CRE of FMDV is associated with host infection sensitivity Antiviral efficacy of short hairpin RNAs and artificial microRNAs targeting FMDV 3D DISCUSSION	E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta J. Salt J. Salt St Calculus C. König J. Cheong M. Gismondi	14:00 15:05 15:15 15:45 16:40 16:50 17:00 23:30 Starting at	Session 7
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro affects deisyylation and modulates the host innate immune response. Sec62 negatively regulates FMDV replication by up-regulating IRE1a-RIG-I-mediated antiviral response STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency Baculovirus-induced fast-acting innate immunity as an antiviral strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in guinea pigs and cattle DISCUSSION Poster Pitch 7 FMD vaccines for Eastern Africa Initiative Free Time and Poster Viewing Gala Dinner DAY 3 - THURSDAY 3.1 Activity INTRODUCTION Identification of RNA packaging signals in the genome of FMDV Molecular features of the integrin receptor and its interaction with the FMDV, an in-silico study RNA secondary structure variation of CRE of FMDV is associated with host infection sensitivity Antiviral efficacy of short hairpin RNAs and artificial microRNAs targeting FMDV 3D DISCUSSION INTRODUCTION Genetic basis of the antigenic variation of the FMD virus during persistent infection in naturally infected cattle and Asian buffalo A new topical therapy for FMD addresses animal welfare and other issues	E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta J. Salt J. Salt J. Cheong M. Gismondi	14:00 15:05 15:15 15:45 16:40 16:50 17:00 23:30 Starting at 08:30	Session 7
Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro affects deisyylation and modulates the host innate immune response. Sec62 negatively regulates FMDV replication by up-regulating IRE1a-RIG-I-mediated antiviral response STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency. Boculovirus-induced fost-acting innate immunity as an antiviral strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in guinea pigs and cattle DISCUSSION Poster Pitch 7 FMD vaccines for Eastern Africa Initiative Free Time and Poster Viewing Gala Dinner DAY 3 - THURSDAY 3.1 Activity INTRODUCTION Identification of RNA packaging signals in the genome of FMDV Molecular features of the integrin receptor and its interaction with the FMDV, an in-silico study RNA secondary structure variation of CRE of FMDV is associated with host infection sensitivity. Antiviral efficacy of short hairpin RNAs and artificial microRNAs targeting FMDV 3D DISCUSSION INTRODUCTION Genetic basis of the antigenic variation of the FMD virus during persistent infection in naturally infected cattle and Asian buffalo	E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta J. Salt J. Salt J. Salt J. Cheong M. Gismondi	14:00 15:05 15:15 15:45 16:40 16:50 17:00 23:30 Starting at 08:30	Session 7
Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV i-pro affects deisyylation and modulates the host limnate immune response Sec62 negatively regulates FMDV repication by up-regulating IRE1a-RIG-I-mediated antiviral response STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency Baculovirus-induced fast-acting innate immunity as an antiviral strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in quinea pigs and cattle DISCUSSION Poster Pitch 7 FMD vaccines for Eastern Africa Initiative Free Time and Poster Viewing Gala Dinner DAY 3 - THURSDAY 31 Activity INTRODUCTION Identification of RNA packaging signals in the genome of FMDV Molecular features of the integrin receptor and its interaction with the FMDV, an in-silico study RNA secondary structure variation of CRE of FMDV is associated with host infection sensitivity Antiviral efficacy of short hairpin RNAs and artificial microRNAs targeting FMDV 3D DISCUSSION INTRODUCTION Genetic basis of the antigenic variation of the FMD virus during persistent infection in naturally infected cattle and Asian buffalo A new topical therapy for FMD addresses animal welfare and other issues Experimental infection of goats with FMDV SAT-1 serotype: their role in disease transmission	CBMSO-CSIC E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta J. Salt J. Salt J. Salt J. Cheong M. Gismondi J. Arzt / M. Perez-Filgueira J. Biswal P. Windsor	14:00 15:05 15:15 15:45 16:40 16:50 17:00 23:30 Starting at 08:30 09:35	Session 7
Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro affects designition and modulates the host innate immune response. Sec62 negatively regulates FMDV replication by up-regulating IREIa-RIG-I-mediated antivinol response. STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency. Boculovirus-induced fost-acting innate immunity as an antiviral strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in guinea pigs and cattle DISCUSSION Poster Pitch 7 FMD vaccines for Eastern Africa Initiative Free Time and Poster Viewing Gala Dinner DAY 3 - THURSDAY 31 Activity INTRODUCTION Identification of RNA packaging signals in the genome of FMDV Molecular features of the integrin receptor and its interaction with the FMDV, an in-silico study. Antiviral efficacy of short hairpin RNAs and artificial microRNAs targeting FMDV 3D DISCUSSION OBSCUSSION INTRODUCTION Genetic basis of the antigenic receptor and its interaction with the FMDV, and in-silico study in the properties of the integrin receptor and its interaction with the FMDV, and in-silico study in the properties of the integrin receptor and its interaction with the FMDV, and in-silico study Antiviral efficacy of short hairpin RNAs and artificial microRNAs targeting FMDV 3D DISCUSSION STRODUCTION Genetic basis of the antigenic variation of the FMD virus during persistent infection in naturally infected cattle and Asian buffalo A new topical therapy for FMD addresses animal welfare and other issues Experimental infection of goats with FMDV SAT-1 serotype: their role in disease transmission DISCUSSION The FMD and its control in China	E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta J. Salt J. Salt St Oetails J. Cheong M. Gismondi J. Cheong M. Gismondi P. Windsor P. Mutowembwa	14:00 15:05 15:15 15:45 16:40 16:50 17:00 23:30 Starting at 08:30 09:35	Session 7
Deep sequencing of FMDV reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FMDV L-pro affects deisglylation and modulates the host innate immune response. Sec62 negatively regulates FMDV replication by up-regulating IRE1a-RIG-I-mediated antivital response. STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency. Boculovirus-induced fost-acting innate immunity as an antiviral strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in quinca pigs and cattle DISCUSSION Poster Pitch 7 FMD vaccines for Eastern Africa Initiative Free Time and Poster Viewing Gala Dinner DAY 3 - THURSDAY 31 Activity Introduction Activity Identification of RNA packaging signals in the genome of FMDV Molecular features of the integrin receptor and its interaction with the FMDV, an insilico study. Antiviral efficacy of short hairpin RNAs and artificial microRNAs targeting FMDV 3D DISCUSSION OBSCUSSION INTRODUCTION Genetic basis of the antigenic variation of the FMD virus during persistent infection in naturally infected cattle and Asian buffalo A new topical therapy for FMD addresses animal welfare and other issues Experimental infection of goots with FMDV SAT-1 serotype: their role in disease transmission DISCUSSION Tea Time and Poster Viewing The FMD and its control in China NITRODUCTION Our challenge is to deliver effective biosecurity in FMD endemic countries in SOUth Sedmany mixed-species herds in Adamawa, Serological epidemiology of FMD sedmans countries in SOUth sedmans mixed-species herds in Adamawa, Serological epidemiology of FMD sedmans countries in SOUth sedmans in mixed-species herds in Adamawa,	E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta J. Salt J. Salt J. Salt J. Cheong M. Gismondi J. Arzt / M. Perez-Filgueira J. Biswal P. Windsor P. Mutowembwa	14:00 15:05 15:15 15:45 16:40 16:50 17:00 23:30 Starting at 08:30 09:35	Session 7
Deep sequencing of FMDV reveals association between vaccination, population bottlevenes, and adaptation Single point mutation of FMDV L- pro affects deispylation and modulates the host innote immune response. Sec62 negatively regulates FMDV replication by up-regulating IRE1a-RIG-I-mediated antiviral response. STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing NITRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency with improved potency Boculovirus-induced fast-acting innate immunity as an antiviral strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in guinea plgs and cattle DISCUSSION Poster Pitch 7 FMD vaccines for Eastern Africa Initiative Free Time and Poster Viewing Gala Dinner DAY 3 - THURSDAY 31 Activity MITRODUCTION Identification of RNA packaging signals in the genome of FMDV Molecular features of the integrin receptor and its interaction with the FMDV, an in-silico study RNA secondary structure variation of CRE of FMDV is associated with host infection sensitivity Antiviral efficacy of short hairpin RNAs and artificial microRNAs targeting FMDV 30 DISCUSSION OISCUSSION INTRODUCTION Genetic basis of the antigenic variation of the FMD virus during persistent infection in naturally infected cattle and Asian buffolo A new topical therapy for FMD addresses animal welfare and other issues Experimental infection of goats with FMDV SAT-1 serotype: their role in disease transmission DISCUSSION Tea Time and Poster Viewing The FMD and its control in China NITRODUCTION Our challenge is to deliver effective biosecurity in FMD endemic countries in South East Viral	E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta J. Salt J. Salt J. Salt J. Cheong M. Gismondi Y. Li, The Chinese/OIE Reference Laboratory for FMD G. König/F. Mutowembwa I. MacPhillamy	14:00 15:05 15:15 15:45 16:40 16:50 17:00 23:30 Starting at 08:30 09:35	Session 7
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population bottlemecks, and adaptation Single point mutation of FMDV repro affects designation and modulates the host innote immune response. Sec62 negatively regulates FMDV replication by up-regulating IRELO-RIG-I-mediated antivirul response. STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccine with improved potency. Baculovirus-induced fast-acting innate immunity as an antivirul strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in guinea pigs and cottle. DISCUSSION Poster Pitch 7 FMD vaccines for Eastern Africa Initiative Free Time and Poster Viewing Gala Dinner DAY 3 - THURSDAY 31 Activity INTRODUCTION Identification of RNA packaging signals in the genome of FMDV Molecular features of the integrin receptor and its interaction with the FMDV, on insilia study. Antiviral efficacy of short hairin RNAs and artificial microRNAs targeting FMDV 3D DISCUSSION NTRODUCTION Genetic basis of the antigenic variotion of the FMD virus during persistent infection in anturally infected cattle and Asian bulgido A new topical therapy for FMD addresses animal welfare and other issues Experimental infection of goats with FMDV SAT-1 serotype: their role in disease transmission DISCUSSION Tea Time and Poster Viewing The FMD and its control in China INTRODUCTION Our challenge is to delive effective biast actined and active in a darker serotype their role in disease transmission DISCUSSION Tea Time and Poster Viewings The FMD and its control in china Serological epidemiology of FMD or form sourveillance data in endemic countries in social problemic countries in social problemic countries in social problemic problemic problemic PMD spread and control in control of Rafor FMDV from sourveillanc	E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta J. Salt J. Salt J. Salt J. Salt Y. Li, The Chinese/OIE Reference Laboratory for FMD M. Gismondi Y. Li, Marphillamy S. Lendzele	14:00 15:05 15:15 15:45 16:40 16:50 17:00 23:30 Starting at 08:30 09:35	Session 8 Session 9
Activity Bracouction Molecular features of FMDV accidence production between vaccination, population bottlemeds, and adaptation Molecular features of the integrin receptor and its interaction with the FMDV activity Molecular features of the integrin of CR6 of FMDV in Sussociation by the FMDV infection Discussion Poster Pitch 6 Tea Time and Poser Viewing Mitropouction FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency. Boculovirus-induced fast-acting integrity as an antiviral strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in guinea pigs and cattle Discussion Poster Pitch 7 FMD vaccines for Eastern Africa Initiative Free Time and Poster Viewing Gala Dinner DAY 3 - THURSDAY 31 Activity Mitropouction Identification of RNA packaging signals in the genome of FMDV Molecular features of the integrin receptor and its interaction with the FMDV, an in-silica study. RNA secondary structure variation of CR6 of FMDV is associated with host infection sensibility Antiviral efficacy of short hairpin RNAs and artificial microRNAs targeting from the silical study. Mitropouction Genetic basis of the antigenic variation of the FMDV was during persistent infection in naturally infected cattle and Asian buffalo. A new topical therapy for FMD addresses animal welfare and other issues Experimental infection of goods with FMDV SAT-1 serotype: their role in disease transmission Discussion Tea Time and Poster Viewing The FMD and its control in China Mitropouction Estimation of R0 for FMDV from surveillance data in endemic countries in Social PMDV in sedentary mixed-species herds in Adamowa, Comercon Estimation of R0 for FMDV from surveillance data in endemic settings Discussion Livestock mobility and the implications for endemic FMD spread and control in Exit Africa. Updating parameters for modeling infectiousness of FMDV in pigs	E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta J. Salt J. Salt J. Salt J. Cheong M. Gismondi Y. Li, The Chinese/OIE Reference Laboratory for FMD G. König/F. Mutowembwa P. Windsor P. Mutowembwa S. Lendzele A. Dekker N. Singanallur	14:00 15:05 15:15 15:45 16:40 16:50 17:00 23:30 Starting at 08:30 09:35	Session 8 Session 9
Deep sequencing of FMDV reveals association between vaccination, population botickness, and adaptation Single point mutation of FMDV in offects designation and modulates the host innate immune response. Sec62 negatively regulates FMDV repication by up-regulating IREIa-RIG-I-mediated antiviol response. STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency. Boculovirus-induced fast-acting innate immunity as an antiviral strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in guinea pigs and cattle. DISCUSSION Poster Pitch 7 FMD vaccines for Eastern Africa Initiative Free Time and Poster Viewing Gala Dinner DAY 3 - THURSDAY 31 Activity INTRODUCTION Identification of RNA packaging signals in the genome of FMDV Molecular features of the integrin receptor and its interaction with the FMDV, an in-silico study. RNAs secondary structure variation of CRE of FMDV is associated with host infection sensitivity. Antiviral efficacy of short hairpin RNAs and artificial microRNAs targeting FMDV 3D DISCUSSION NITRODUCTION Genetic basis of the antigenic variation of the FMD virus during persistent infection in acturally infected cattle and Asian buffalo A new topical therapy for FMD addresses animal welfare and other issues Experimental infection of goats with FMDV SAT-1 serotype: their role in disease transmission DISCUSSION Tea Time and Poster Viewing The FMD and its control in China INTRODUCTION Our challenge is to deliver effective Discussify in FMD endemic countries in South East Asia Serological epidemiology of FMD in securities and posterior produces and an endemic settings DISCUSSION Interaction of temperature and humiliance for a final in endemic settings DISCUSSION Interaction of temperature and humiliance for a final in placetiousness	E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta J. Salt J. Salt J. Salt J. Cheong M. Gismondi P. Windsor P. Mutowembwa P. Mutowembwa S. Lendzele A. Dekker N. Singanallur D. Ekwem	14:00 15:05 15:15 15:45 16:40 16:50 17:00 23:30 Starting at 08:30 09:35	Session 7 Session 8 Session 9
INTRODUCTION Deep sequencing of FMDV reveals association between vaccination, population botilenests, and adaptation Single point mutation of FMDV Larva offects designation and modulates the host innate immune response. Sec62 negatively regulates FMDV repication by up-regulating IREID-RIGH-mediated antivial response. STING-mediated integrated stress response to FMDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTION FMD vaccine platform: formulations for safe and DIVA-compatible FMD vaccines with improved potency. Baculovirus-induced fost-acting innate immunity as an antiviral strategy against FMDV Re-establishment of FMD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in guinea pigs and cattle DISCUSSION Poster Pitch 7 FMD vaccines for Eastern Africa Initiative Free Time and Poster Viewing Gala Dinner DAY 3 - THURSDAY 31 Activity INTRODUCTION Identification of RNA packaging signals in the genome of FMDV Molecular features of the integrin receptor and its interaction with the FMDV, an in-silco study. RNA secondary structure variation of CR6 of FMDV is associated with host infection in naturally infected cattle and Asian buffalo Anew topical therapy for FMD addresses animal welfare and other issues Experimental infection of goods with FMDV SAT-3 serotype: their role in disease transmission DISCUSSION Tea Time and Poster Viewing The FMD and its control in China INTRODUCTION Our challenge is to deliver effective biosecurity in FMD endemic countries in Sociation of the Integration of Integration	E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta J. Salt J. Salt J. Salt J. Cheong M. Gismondi P. Windsor P. Mutowembwa P. Mutowembwa S. Lendzele A. Dekker N. Singanallur D. Ekwem	14:00 15:05 15:15 15:45 16:40 16:50 17:00 23:30 Starting at 08:30 09:35	Session 7 Session 8 Session 9
INTRODUCTION Deep sequencing of FADD reveals association between vaccination, population bottlenecks, and adaptation Single point mutation of FADD V-bro of feets designation and modulates the host inneate immune response. Sec62 negatively regulates FADD replaction by up-regulating RELa-RIG-I-mediated integrated atterior response. STING-mediated integrated stress response to FADDV infection DISCUSSION Poster Pitch 6 Tea Time and Poser Viewing INTRODUCTON FADD vaccine platform: formulations for safe and DIVA-compatible FADD vaccines with improved potency. Baculovirus-induced fost-acting innate immunity as an antiviral strategy against FADDV. Re-establishment of FADD vaccine production capacity in South Africa: immunogenicity studies of vaccine's antigens in guinea pigs and cattle DISCUSSION Poster Pitch 7 FADD vaccines for Eastern Africa Initiative Free Time and Poster Viewing Gala Dinner DAY 3 - THURSDAY 31 Activity INTRODUCTON Identification of RNA packaging signals in the genome of FADDV Molecular features of the integration and its interaction with the FADDV, an in-silco study. RNA secondary structure variation of CR6 of FAMDV is associated with host infection and insulation of CR6 of FAMDV is associated with host infection in acturally infected cattle and Asian bulgido Antiviral efficacy of short harps RNAs and artificial microRNAs targeting FADDV 3D DISCUSSION WINDOUCTION Genetic basis of the antigenic varietion of the FADDV is associated with host infection in acturally infected cattle and Asian bulgido A new topical therapy for FADD addresses animal wedger and other issues Experimental infection of goats with FADDV SAT-1 serotype: their role in disease transmission DISCUSSION Tea Time and Poster Viewing The FADD and its control in China Serological epidemiology of FADD viadresses animal wedger and other issues Experimental infection of goats with FADDV SAT-1 serotype: their role in disease transmission DISCUSSION Our challenge is to deliver effective biosecurity in FADD	E. Rieder / T. De Los Santos I. Fish G. Medina H. Guo R. Zhang W. Vosloo / F. Maree J. Hardham G. Molina F. Peta J. Salt J. Salt J. Salt St Details J. Cheong M. Gismondi J. Cheong M. Gismondi F. Mutowembwa P. Windsor P. Mutowembwa A. Dekker N. Singanallur D. Ekwem J. Arzt	14:00 15:05 15:15 15:45 16:40 16:50 17:00 23:30 Starting at 08:30 09:35	Session 8 Session 9