

TICK CONTROL

(25 August, 14h00-17h30, Room 2)

Chairpersons: **Gervásio H. Bechara** (Universidade Estadual Paulista (UNESP), Jaboticabal-SP, Brazil) / **Robert J. Miller** (Cattle Fever Tick Research Laboratory, United States Department of Agriculture, Edinburg-TX, USA)

14h00-14h30: PAST, PRESENT AND FUTURE OF CHEMICAL ACARICIDES

R.J. Miller

Speaker: Robert J. Miller - Cattle Fever Tick Research Laboratory, United States Department of Agriculture, Edinburg-TX, USA

14h30-15h00: IN VITRO DIAGNOSIS OF TICK SUSCEPTIBILITY TO ACARICIDES

J.R. Martins, R.L. Doyle, A.W.M. Vieira, U.A. Souza & J.C. Gonzáles

Speaker: João Ricardo Martins - Instituto de Pesquisas Veterinárias Desidério Finamor, Eldorado do Sul-RS, Brazil

15h00-15h30: NEW PERSPECTIVES ON THE EMPLOYMENT OF ENTOMOPATHOGENIC FUNGI AS ALTERNATIVE CONTROL OF TICKS

V.R.E.P. Bittencourt & É.K.K. Fernandes

Speaker: Vania R. E. P. Bittencourt - Universidade Federal Rural do Rio de Janeiro, Seropédica-RJ, Brazil

15h30-16h00: REVERSE IMMUNOGENOMICS FOR DEVELOPMENT OF ANTI-TICK VACCINES

A. Franzin, S. Maruyama, D. Moré, B. Ferreira, R. Oliveira, J.M. Ribeiro, J. Valenzuela & I.M. Santos

Speaker: Isabel K. F. Miranda Santos - Universidade de São Paulo, Ribeirão Preto-SP, Brazil

16h00-16h15: Coffee Break

16h15-16h45: HUMORAL IMMUNE RESPONSE OF NATIVE CATTLE IMMUNIZED WITH RBM86 (KU-VAC2) DERIVED FROM THAI *Rhipicephalus microplus*

S. Jittapalapong, C. Lambertz, M. Gauly & R.W. Stich

Speaker: Sataphorn Jittapalapong - Kasetsart University, Bangkok, Thailand

16h45-17h15: NEW PERSPECTIVES ON SYNTHETIC ANTI-TICK VACCINES

J.H. Patarroyo & S. Sossai

Speaker: Joaquin Salcedo Patarroyo - Universidade Federal de Viçosa, Viçosa-MG, Brazil

17h15-17h30: CLOSING REMARKS

Gervásio H. Bechara - Universidade Estadual Paulista (UNESP), Jaboticabal-SP, Brazil / **Robert J. Miller** - Cattle Fever Tick Research Laboratory, United States Department of Agriculture, Edinburg-TX, USA