

NOTES

SATURDAY, 10 July 1999	SUNDAY, 11 July 1999		MONDAY, 12 July 1999		TUESDAY, 13 July 1999
POYDRAS ROOM	LASALLE A	LASALLE B&C	LASALLE A	LASALLE B&C	CONVENTION CNTR 220-221
AAVP Board Meeting 11:00AM-2:30PM	Session 4: Protozoa Lab Techniques 8:00-10:15 AM	Session 5: Cattle Nematode Chemotherapy 8:00-10:15 AM	Session 10: Cattle Protozoology 8:00-10:00 AM	Session 11: Comp. Animal Endoparasites 8:00-10:00 AM	AAVP/AVMA Symposium: Equine Parasitology: Current Problems and Potential Solutions 8:30-11:30
	Break 10:15-10:30 AM		Break 10:00-10:15 AM		
BALLROOM LOBBY	LASALLE A	LASALLE B&C	LASALLE A	LASALLE B&C	
<u>Registration</u> 2:00-7:00 PM	Session 6: Protozoa Lab Techniques 10:30-12:15	Session 7: Cattle Parasite Studies 10:30-12:15	Session 12: Cattle Nematology 10:15-Noon	Session 13: Equine Parasitology 10:15-Noon	
	Lunch 12:15-1:15 PM		Lunch Noon-1:30 PM		
LASALLE A	LASALLE A		LASALLE A		
Opening Remarks 3:00-3:15PM President L.C. Gasbarre VP/Prog Chair T. Kennedy	Session 8: AAVP SYMPOSIUM- Vaccine Development & Host-Parasite Relations "Who Will Win the Molecular Arms Race?" 1:15-3:10PM		<u>Business Meeting</u> 1:30-2:00PM	<u>Presidential Address & Awards:</u> 2:00-3:15 PM	
LASALLE A	Break 3:10-3:30 PM				
Session 1: MERIAL 2nd Annual Symposium: Parasites as Modulators of the Immune Response 3:15-5:00 PM	Session 9: PFIZER SERIES Introduction of Selamectin 3:30-4:50 PM				
Break 5:00-5:15	Break 4:50-5:10PM		Break 3:15-3:30 PM		
LASALLE A	LASALLE B&C	LASALLE A		LASALLE A	LASALLE B&C
Session 2: Comp. Animal Parasites 5:15-7:00PM	Session 3: Protozoa Lab Techniques 5:15-7:00PM	Session 9 continued: PFIZER SERIES Introduction of Selamectin 5:10-6:30 PM		Session 14: Swine Parasitology 3:30-6:00PM	Session 15: Potpourri 3:30-6:00PM
VIEUX CARRE A&B		RIVERBOAT		JACKSON	
<u>BAYER RECEPTION</u> 7:30-9:00 PM		<u>PFIZER RECEPTION</u> 8:00-10:00 PM		<u>GRADUATE STUDENT MIXER-</u> 7:00-10:00 PM MARYLAND A	

PROGRAM

Saturday, July 10, 1999

11:00-2:30 AAVP Board Meeting
Poydras Room

2:00-7:00 Registration
LaSalle Ballroom Lobby

3:00-3:15 Opening Remarks
Room: LaSalle A
President: LC Gasbarre
Vice President & Program
Chairman: TJ Kennedy

Session I Room: LaSalle A
MERIAL SECOND ANNUAL SYMPOSIUM
Modulation of the Immune Response by
Parasites

Moderator: J Guerrero

3:15 1 Immune Response to
Vaccination. Jennifer Rice
Conlon

3:50 2 Arthropods as Modulators of the
Immune Response. Stephen K.
Wikel

4:25 3 Gastrointestinal Nematode
Parasites as Modulators of the
Immune Response. Joseph F.
Urban, Jr.

5:00-5:15 BREAK

Session II Room: LaSalle A
Topic: Companion Animal Parasites
Moderators: B. Blagburn, A. Donoghue

5:15 4 Efficacy of Nitenpyram Flavored
Tablets for Rapid Removal of
Adult Cat Fleas, *Ctenocephalides*
felis, on Cats. B.L. Blagburn, J.L.
Vaughn, J.M. Butler, R. Schenker

5:30 5 Control of Fleas on Pets and in
Homes Using Lufenuron and
Nitenpyram. M. W. Dryden, T.
Maggid, S. Bunch, R. Schenker

5:45 6 Killing Effect of Amitraz or
Deltamethrin Based Collars
Against the Brown Dog Tick.
Agustin Estrada-Pena, Frederic
Ascher

6:00 7 Antifixing + Feeding Effects of
Amitraz or Deltamethrin Based
Collars Against the Brown Dog
Tick. Augustin Estrada-Pena,
Frederic Ascher

6:15 8 Experimental Transfer of the
Nasal Mite, *Pneumonyssoides*
caninum, in Dogs. L.
Gunnarsson, G. Zakrisson, D.
Christensson, C. Rehbinder, A.
Uggla

6:30 9 The Effect of Preventive on Anti-
Dirofilaria immitis Antibodies in
Cats Receiving Trickle Infections
with *D. immitis*. A.R. Donoghue,
C.A. Piche, S.V. Radecki, L.E.
Schaad, L. Venco, G.R. Frank

6:45 10 Clinical Efficacy of the
Association of Melarsomine
Dihydrochloride and Ivermectin in
Dogs with Moderate to Severe
Heartworm Disease. N.
Labarthe, S. Menezes

7:00 11 Anthelmintic Activity of *Bacillus*
thuringensis to Adult
Haemonchus contortus in Goats.
Yao Baoan, Wang Xiang, Xia
Xueshan, Zhao Junlong, Ma
Lihua, Sun Ming, Yu Ziui

7:30 - 9:00 BAYER WELCOMING
RECEPTION Room: LaSalle A

Saturday, July 10, 1999 continued

Session III Room: LaSalle B&C

Topic: Protozoology Lab Techniques

Moderators: D. Bowman, A. Gadjar

- 5:15 12** Kinetics and a Single Read ELISA for Ovine Toxoplasmosis: Assay Validation with Analysis of Effects of Component Variation. S.R. Werre, H.O. Mohammed, R.H. Jacobson, D.D. Bowman
- 5:30 13** Efficacy of Doramectin Against Trichostrongylid Parasites of Goats in East Tennessee. C.T. Faulkner, C.S. Mayes, S. Patton
- 5:45 14** Experimental Studies on the Susceptibility of Several Species of Animals to *Elaphostrongylus cervi* and *Parelaphostrongylus tenuis*. A. Gajahar, S. Tessaro, B. Scandrett, D. Ogunremi, M. Lankester, L. Forbes
- 6:00 15** The Anthelmintic Potential of *Chenopodium ambrosioides* in Goats. J.K. Ketzis, D.D. Bowman
- 6:15 16** Development of a Coproantigen ELISA Test for the Diagnosis of *Ostertagia* sp. Infections in Farmed Red Deer. T. Qureshi, C. Santrich, R.E. Labes, M. Taylor, M.L. Cross, C.G. MacKintosh
- 6:30 17** A Two Year Study Evaluating the Persistent Efficacy of Doramectin in Sheep. B.E. Stromberg, G.A. Averbeck, B.W. Woodward, C.J. Christians
- 6:45 18** Trichostrongyle Infection in Kathadin Lambs and Spanish Kids in Virginia. A.M. Zajac, S. Wildeus

7:30 - 9:00 BAYER WELCOMING RECEPTION Room: LaSalle A

Sunday, July 11, 1999

Session IV Room: LaSalle A

Topic: Protozoology Lab Techniques

Moderators: S. Barr, S. Little

- 8:00 19** Partial Characterization of Serine Protease Activity in *Sarcocystis neurona* Merozoites. S.C. Barr
- 8:15 20** Comparison of Diagnostic Techniques for *Microsporidia* in Lovebirds. C. Barton, D. Phalen, K. Snowden
- 8:30 21** *Coxiella*-like Organisms in *Amblyomma americanum* May Inhibit PCR-based Detection of *Ehrlichia chaffeensis*. C.J. Chambers, S.E. Little
- 8:45 22** The Ultrastructure of Gametogenesis of *Cryptosporidium baileyi* (Eimeriorina; Cryptosporidiidae) in the Respiratory Tract of Broiler Chickens (*Gallus domesticus*). M.A. Cheadle, M. Tovio-Kinnucan, B.L. Blagburn
- 9:00 23** Evaluation of the Efficacy of Carnidazole Against *Giardia*. M.E. Olson, C.A. Piche
- 9:15 24** Prevalence of *Sarcocystis* Species in the Intestine of the Opossum (*Didelphis virginiana*). J.P. Dubey
- 9:30 25** Evaluation of PCR for Detection of *Cryptosporidium parvum* in Environmental and Agricultural Samples. James A. Higgins, Mark C. Jenkins, James M. Trout, Earl J. Lewis, Thaddeus K. Graczyk, Ron Fayer

Sunday, July 11, 1999 continued

9:45 26 SSU rRNA Sequencing of Different Animal *Blastocystis* Isolates: How Similar are They? J. Hoevers, P. Holman, K. Snowden

10:00 27 Multiple DNA Markers Differentiate *Sarcocystis neurona* and *S. falcatula* and Identify Two Additional *Sarcocystis* spp. Shed by Opossums. S.M. Tanhauser, C.A. Yowell, T.J. Cutler, E.C. Greiner, R.J. MacKay, J.B. Dame

10:15-10:30 BREAK

**Session V Room: LaSalle B&C
Topic: Cattle Nematode Chemotherapy
Moderators: C. Reinemeyer, K. Snowden**

8:00 28 The Impact of Eprinomectin Treatment on Dairy Cattle Reproductive Performance. W.B. McPherson, B. Slacek, A. Familton, R.P. Gogolewski, W.G. Ryan, S.J. Gross

8:15 29 Comparative Efficacy of Commercial Pour-on Parasiticides Applied to Wet Cattle. L. Cruthers, R. Slone

8:30 30 Persistent Efficacy of Pour-on Formulations of Moxidectin and Ivermectin Against Naturally Acquired Nematode Infections of Beef Cattle in Florida. M.E. Jordan, W.E. Kunkle, Q.-Y Zeng, L.B. Davis, W.C. Clymer, C.H. Courtney

8:45 31 Persistent Activity of Doramectin Injectable Solution and Moxidectin Pour-on Solution Against Naturally Acquired Infections in Stocker Cattle C.R. Reinemeyer, R.S. Rew

9:00 32 Evaluation of Persistent Efficacy of Doramectin and Ivermectin Injectable Against *Ostertagia ostertagi* and *Cooperia oncophora* in Cattle. J. Vercruysse, J. Dorny, P. Demeulenaere, D. Smets, K. Claerebout, J. Agneessens

9:15 33 The Effect of Strategic Parasite Control with IVOMEC (ivermectin) Pour-on on Productivity of Cow-Calf Herds in Texas. S. Wikse, K. Barling, R. Field, T. Craig, C. White

9:30 34 Comparison of Persistent Anthelmintic Efficacy of Topical Formulations of Doramectin, Ivermectin, Eprinomectin and Moxidectin Against Naturally Acquired Infections in Beef Calves. J.C. Williams, A.F. Loyacano, A. DeRosa, J. Gurie, B.C. Clymer, F. Guerino

9:45 35 Dose Confirmation of Moxidectin 0.5% Pour-on Against Natural Nematode Infections in Lactating Dairy Cows. T.A. Yazwinski, C. Tucker, S. Copeland, T. Yazwinski, F. Guerino

10:00 36 Larvicidal Activity of Various Formulations of Fenbendazole in Cattle. C.R. Reinemeyer, E.M. Abbott

10:15-10:30 BREAK

Sunday, July 11, 1999 continued

Session VI Room: LaSalle A

Topic: Protozoology Lab Techniques

Moderators: D. Lindsay, M. Olson

- 10:30 37** Development of an RT-PCR Assay Based on mRNA Encoding Amyloglucosidase as a Method for Detecting Viable *Cryptosporidium parvum* Oocysts. M. Jenkins, J. Trout, J. Higgins, R. Fayer
- 10:45 38** Some Factors Affecting the Excystation of *Cryptosporidium parvum* Sporozoites. S. Kato, D.D. Bowman
- 11:00 39** Antigen Specific Th1 Cells Provide Protection but Th2 Cells Exacerbate Disease in Mice Infected With *Trypanosoma cruzi*. Sudesh Kumar, Rick L. Tarleton
- 11:15 40** Activity of Ponazuril Against *Sarcocystis neurona* and Other Apicomplexans. D.S. Lindsay, J.P. Dubey, T.J. Kennedy
- 11:30 41** Use of Classical Taxonomic Characters and Small Unit Ribosomal RNA (18S rRNA) Gene Sequences for Phylogenetic Analysis of *Hepatozoon* spp. J.S. Mathew, R.A. Van Den Bussche, S.A. Ewing, J.R. Malayer, R.J. Panciera
- 11:45 42** *Giardia* and *Cryptosporidium* in Arctic Land and Marine Mammals. M.E. Olson, N. Guselle, L. Measures, P. Roach, N. Larter
- 12:00 43** Use of PCR as an Ancillary Test in the Diagnosis of *Trichostrongylus axei*. Sarah Parker, Zhao-Rung Lun, John Campbell, Alvin Gajadhar
- 12:15 1:15-LUNCH**

Session VII Room: LaSalle A

Topic: Cattle Parasite Studies

Moderators: R. Ridley, P. Scholl

- 10:30 44** Prophylactic Efficacy of a Long-Acting Ivermectin Injection Against the Cattle Tick *Boophilus microplus*. L.A. Carvalho, A.A. Bridi, L.G. Cramer, M.D. Soll, W.K. Langhoff
- 10:45 45** Efficacy of Ivermectin Long-acting Against *Dermatobia hominis* in Cattle. J.B. Cruz, J.L. Cox, A.E. Maciel, R.A. Barrick
- 11:00 46** Dose Confirmation of Moxidectin 0.5% Pour-on Against a Naturally-acquired Infestation of Chorioptic Mange Mites on Dairy Cattle in Wisconsin. L. Smith, P.J. Scholl, F. Guerino
- 11:15 47** Dose Confirmation Studies of the 1% Nonaqueous Injectable Formulation of Moxidectin Against Naturally-acquired Infestations of Cattle Grubs and Lice on Cattle in Wisconsin. L. Smith, P.J. Scholl, R. DeLay
- 11:30 48** Fecal Flotation Techniques-What's The Difference? M.W. Dryden, R.K. Ridley, V. Smith, A. Melli, P. Payne
- 11:45 49** Cellular Mechanisms in Adult *Haemonchus contortus* Intestine that are Determinants of Fenbendazole Efficacy. Douglas P. Jasmer, Chaoquin Yao, Abdur Rehman, Sandra Johnson
- 12:00 50** Analysis of Caspase-like Activity in the Intestine of *Haemonchus contortus*. Sankale Shompole, Douglas Jasmer
- 12:15-1:15 LUNCH**

Sunday, July 11, 1999 continued

Session VIII AAVP SYMPOSIUM LaSalleA

Topic: Vaccine Development & Host-Parasite Relations. "Who Will Win the Molecular Arms Race?"

Moderators: H Hughes, T Kennedy

- 1:15 51** Parasite Vaccines: Is There Really Gold at the End of the Rainbow? H.P.A. Hughes
- 1:45 52** Immune Memory: Principles and Practice in Parasitic Infections. M. Campos
- 2:20 53** Type 1/Type2 Responses and Control of Humoral Immunity. *Mus* is Not *Bos*. D.M. Estes and W.C. Brown
- 2:45 54** Immunity to Gastrointestinal Nematodes: The Journey from Mice to Cattle L.C. Gasbarre
- 3:10-3:30 BREAK**

PFIZER SELAMECTIN SERIES

Session IX LaSalle A

Moderators: A. Jernigan, T. McTier

- 3:30 55** The Identification of Selamectin: A Novel Avermectin Endectocide for Dogs and Cats. C.I. Bruce, B.F. Bishop, N.A. Evans, A.C. Goudie, K.A.F. Grafton, S.P. Gibson, M.S. Pacey, D.A. Perry, N.D.A. Walshe, M.J. Witty
- 3:45 56** Distribution of [3H] Selamectin on Dog Skin Following a Single Topical Application. U.A. Pillai, W.J. Millas, H.A. Stukenbrok, A.J. Milici, M.J. Potchoiba
- 4:00 57** Efficacy of Selamectin Against Fleas (*Ctenocephalides felis*) on Dogs and Cats Bathed 24 Hours After Treatment. T.L. McTier, M.S. Holbert, F. Sun, T.G. Rowan, A.D. Jernigan

- 4:10 58** Knockdown Efficacy of Selamectin Against *Ctenocephalides felis* Fleas on Dogs and Cats. A.D. Jernigan, T.G. Rowan, D.G. Smith, G.H. Sture, M.G. Murphy, R.L. Jones
- 4:20 59** Efficacy of Selamectin Against Pre-Adult stages of Fleas (*Ctenocephalides felis*) on Dogs and Cats. T.L. McTier, M.S. Holbert, A.D. Jernigan, B.L. Blagburn, R.H. Six, C.S. Wang, T.G. Rowan
- 4:30 60** Efficacy of Selamectin, Fipronil, Imidacloprid and Lufenuron/Milbemycin Against *Ctenocephalides felis* in Dogs. L. Ritzhaupt, T. Rowan, R. Jones
- 4:40 61** Efficacy of Selamectin, Fipronil and Lufenuron Against *Ctenocephalides felis* in Cats. L. Ritzhaupt, T. Rowan, R. Jones
- 4:50-5:10 BREAK**
- 5:10 62** Efficacy of Selamectin Against Natural Infestations of *Sarcoptes scabiei* and *Otodectes cynotis* in Dogs and Cats. C.A. Thomas, D.J. Shanks, R.H. Six, S. Behan, P. Watson, C. Genchi, G. Pengo, D.D. Bowman, J.A. Hair, M.S. Holbert
- 5:20 63** Efficacy of Selamectin Against Adult *Rhipicephalus sanguineus* Ticks on Dogs. C. Chieffo, T.L. McTier, J.A. Hair, M.J. Trautmann, C.S. Wang, T.G. Rowan, A.D. Jernigan
- 5:30 64** Efficacy of Selamectin Against Adult *Dermacentor variabilis* Ticks on Dogs. A.D. Jernigan, T. McTier, J.A. Hair, C.A. Thomas, C. Chieffo, T.G. Rowan

Sunday, July 11, 1999 continued

- 5:40 65** Efficacy of Selamectin Against Induced and Natural Infections of *Toxocara cati* and *Ancylostoma tubaeformae* in Cats. R.H. Six, T.L. McTier, D.J. Shanks, J.W. McCall, D.D. Bowman, G. Pengo, C. Genchi, T.G. Rowan, A.D. Jernigan
- 5:50 66** Efficacy of Selamectin Against *Toxocara canis* in Dogs. J.A. Wren, T.L. McTier, C.A. Thomas, D.D. Bowman, A.D. Jernigan
- 6:00 67** Clinical Safety of Selamectin in Dogs. M.J. Novotny, M.J. Krautman, J. Earhart, C.S. Godwin, E.I. Evans, J.W. McCall, T.G. Rowan, C.D. Smothers, A.D. Jernigan
- 6:15 68** Clinical Safety of Selamectin in Cats. M.J. Krautmann M.J. Novotny, C.S. Godwin, E.I. Evans, J.W. McCall, T.G. Rowan, C.D. Smothers, A.D. Jernigan

**8:00-10:00 PFIZER ANIMAL HEALTH
RIVER CRUISE**

Monday, July 12, 1999

- Session X Room: Maryland A
Topic: Cattle Protozoology
Moderators: J.P. Dubey, P. Franks**
- 8:00 69** Immune Responses in Calves Orally Inoculated with *Neospora caninum* Oocysts. T. DeMarez, J.P. Dubey, L. Gasbarre
- 8:15 70** Development of a Vaccine Against Neosporosis: Testing of *Neospora caninum* Antigens in a Congenital Mouse Model. S. Liddell, M. Jenkins, J.P. Dubey
- 8:30 71** The *Neospora caninum* Oocyst DS Lindsay, SJ Upton, JP Dubey
- 8:45 72** Genotypic Characterization of *Giardia duodenalis* from Western Australia and Western Canadian Dairy Calves. R.M. O'Handley, M.E. Olson, P. Adams, D. Fraser, R.C.A. Thompson
- 9:00 73** Characterization of *Cryptosporidium parvum*-like Parasites in Feedlot Steers. B. Ralston, T. McAllister, J. Reynolds, L. Kennedy, U. Morgan, A.G. Buret, M.E. Olson
- 9:15 74** *Sarcocystis* spp. Infections in Egyptian Water Buffalo. FG Sayed, Al Hamsa, SM Abdel-Rahman, MA El-Nazer, AM Mandour
- 9:30 75** Mucosal Immune Response in *Cryptosporidium parvum* Infected Calves That Have Recovered from *C. parvum* Enteritis. C.R. Wyatt, E.J. Brackett, L.E. Perryman
- 9:45 76** Geographic Information Systems Prediction Models For Fasciolosis. J. B. Malone, J.M. Yilma, M.V. Fuentes
- 10:00-10:15 BREAK**

Monday, July 12, 1999 continued

Session XI

Room: LaSalle B&C

Topic: Companion Animal Endoparasitology

Moderators: C. Courtney, C. Faulkner

8:00 77 Prevalence of *Dirofilaria immitis* infection in Pet and Stray Cats in Eastern Tennessee. Amy Farley, Sharon Patton

8:15 78 Prevalence by Age Class, of Endoparasites of Dogs and Cats Examined by the University of Pennsylvania Veterinary Parasitology Laboratory (1995-1998). Thomas J. Nolan

8:30 79 The Effect of Season on Circulating Antibodies and Antigens of *Dirofilaria immitis* in Cats. S.V. Radecki, A.R. Donoghue

8:45 80 Seasonal Availability of Third Stage Larvae of *Dirofilaria immitis* in Mosquitoes from Florida and Louisiana. K.J. Watts, R.R. Ganta, R.A. Holmes, J.B. Lok, C.H. Courtney

9:00 81 A Fecal Survey Comparing Prevalence of Intestinal Parasites in Dogs With and Without Veterinary Care. Mark Werda, Jacqueline Bird

9:15 82 Efficacy Conferred by a Commercial *Giardia lamblia* Vaccine in Dogs. M.E. Olson, D.W. Morck, H. Ceri, Y.-W. Chang, M.A. Gill, W.M. Acree, H.J. Chu

9:30 83 Adoptive Protection Against Acute Neosporosis in SCID Mice. K.J. Dreier, D.A. Brake, D.M. Ritter

9:45 84 Attempted In Vitro Culture and In Vivo Treatment of *Cochlostoma anatis*. Catherine P. Walsh, Calvert T. Larsen, Anne M. Zajac, David S. Lindsay

10:00-10:15 BREAK

Session XII

Room: LaSalle A

Topic: Cattle Nematology

Moderators: L. Ballweber, J. Stuedemann

10:15 85 Dose Comparison of *Ostertagia ostertagi* for Parasite Propagation in Cattle. D.K. Attebery, R.E. Plue, D.H. Wallace

10:30 86 Prevalence of Internal Parasites Among Dairy Herds in the Northern United States. D. Bowman, G. Smith, B.E. Stromberg, J.J. Melancon, D. Maye, C. Robertson-Plouch, J. Guerrero

10:45 87 Nematode Infection Levels in Calves Influence Resilience to These Infections in the Second Year. M. Eysker, J.H. Boersema, F.N. J. Kooyman, H.W. Ploeger

11:00 88 Medication of Cattle on Range: Measurement of Individual Animal Intake of Drug, Mineral, Salt and Protein. K. Garossino, B. Ralston, T.A. McAllister, D. Milligan, M.E. Olson

11:15 89 Comparison of Prepatent Period, Fecundity and Percent Establishment of *Trichostrongylus colubriformis* in Cattle and Sheep. S.E. Green, R.E. Plue, D.H. Wallace

Monday, July 12, 1999 continued

11:30 90 Restoring Degraded Cropland by Grazing and Maintaining Parasite-Free Pastures by Integrating Anthelmintic Treatment of Cattle. J.A. Stuedemann, H. Ciordia, R.M. Kaplan, A.J. Franzluebbbers, T.B. Stewart, D.H. Seman, L.W. Douglass, A.D. Lovell, S. W. Knapp

11:45 91 Field Evaluation of the Persistent Effect of Eprinomectin, Moxidectin, Doramectin and Ivermectin Pour-on Formulations as Indicated by Fecal Egg Counts of Grazing Steers. L.R. Ballweber, C. Siefker, R.R. Evans, J. Hawkins, R. Garcia

12:00-1:30 LUNCH

Session XIII Room: LaSalle A

Topic: Equine Parasitology

Moderators: D. French, B. Stromberg

10:15 92 Retrospective Study: Advance of the Equine Tapeworms. T.R. Bello, J.E. Abell

10:30 93 Description and Prevalence of Segmented Filamentous Bacteria on Adult *Strongylus edentatus* from Ponies in Louisiana. C.A. Benbow, W.A. Henk, N. Ward-Rainey, F.A. Rainey, M.R. Chapman, T.R. Klei

10:45 94 Intestinal Helminths of Ponies; a Comparison of Species Prevalent in Louisiana Pre- and Post- Ivermectin. M.R. Chapman, D.D. French, T.R. Klei

11:00 95 Confirmation of Efficacy of Moxidectin Against Encysted Stages of Equine Cyathostomes. D.D. French, M.R. Chapman, P.J. Scholl, T.R. Klei ,

11:15 96 Decreased Humoral and Cellular Immune Response to a Heterologous Protein in Heavily Parasitized Ponies. J.D. Johnson, D.W. Horohov, M.R. Chapman, S. Pourciau, K. Antoku, K. Snedden, T.R. Klei

11:30 97 Protective Immunity to *Strongylus vulgaris* Involves a Type 2 Cytokine Response. T.R. Klei, C. Vanderheyden, S. Pourciau, M.R. Chapman, R.M. Moore, H.W. Taylor, D.W. Horohov

11:45 98 Evaluation of Moxidectin 2% Equine Gel Against Naturally-acquired Cyathostome Infections in Tennessee. C.R. Reinemeyer, P.J. Scholl, D.W. Rock

12:00 99 A Clinical Trial of Praziquantel Horse Paste 9% Against *Anoplocephala perfoliata* in Horses. Owen Slocombe

12:15-1:30 LUNCH

1:30-2:00 BUSINESS MEETING

2:00-3:15 PRESIDENTIAL ADDRESS & AWARDS Room: LaSalle A

3:15-3:30 BREAK

Monday, July 12, 1999 continued

Session XIV Room: LaSalle A

Topic: Swine Parasitology

Moderators: R. Gamble, T.B. Stewart

- 3:30 100** Prevalence of *Toxoplasma gondii* and *Trichinella spiralis* in Pigs from Small Farms in the Northeastern and Midwestern United States. H.R. Gamble, J.P. Dubey
- 3:45 101** Swine Immune Responses to *Toxoplasma gondii* Infection. J.K. Lunney, G. Solano-Aguilar, L. Jauregui, E. Beshah, K. Garland, J.P. Dubey
- 4:00 102** Farm Management and National Seroprevalence of *Toxoplasma gondii* in Swineherds in 1995. Sharon Patton, Vina Diderrich, Charles Faulkner, Raymond McCord, Tracy Wang, Jeff Zimmerman, Jim Kliebenstein
- 4:15 103** Prevalence of Swine Cysticercosis in Apodi Counti, State of Rio Grande do Norte, Brazil. L.C. Alves, L.P. Santos, M.A. Gloria Faustino, A.J. Vaz, P. Nakamura
- 4:30 104** *Spirometra mansonioides* in Feral Pigs: Identification and Prevalence. S.E. Little, M.L. Gray, F. Rogers, M. Puette, D.L. Ambrose, E.P. Hoberg
- 4:45 105** Performance of Pigs Infected with *Ascaris suum* or *Oesophagostomum dentatum*. S.E. Wiles, T.D. Bidner, L.L. Southern, T. B. Stewart

5:00 106 Identification, Expression and Partial Characterization of a *Trichinella spiralis* NBL cDNA Clone Recognized by Swine Infection Serum. D.S. Zarlenga, P. Boyd, H.R. Gamble

5:15 107 A Single Multiplex PCR for Unequivocal Differentiation of Seven Distinct Genotypes of *Trichinella* and Three Geographical Genotypes of *Trichinella pseudospiralis*. D.S. Zarlenga, M.B. Chute, A. Martin, C.M.O. Kapel

5:30 108 Characterization of Two β -Tubulin Genes From *Cylicocycclus nassatus* (Cyathostominae) that Correspond to the *Haemonchus contortus* Isotype 1 and Isotype 2 β -Tubulin Genes. R.M. Kaplan, D. Goodman, S.C. Tolliver, E.T. Lyons

Session XV Room: LaSalle B&C

Topic: Potpourri

Moderators: B. Arther, R. Kaplan

3:30 109 Coumaphos Impregnated Strips for Control of Brood Mites (*Varroa jacobsoni*) and Small Hive Beetles (*Aethina tumida*) Infesting Honey Bee Colonies. R.G. Arther, J. R. Baxter, M.D. Ellis, M.S. Spivak

3:45 110 Direct to Consumer Promotion of Prescription Drugs. Mukund Parkhie, Mohammad Sharar, William Keller

4:00 111 A Survey of Echinococcosis in Tibetan Populations in China. P.M. Schantz, Liu Fengjie, Qiu Jiamen, Wang Wu, A. Ito

Monday, July 12, 1999 Continued

- 4:15 112** VICH Harmonization of Veterinary Anthelmintic Guidelines. J. Vercruysse, D. Barth, G. Conder, P. Holdsworth, T. Letonja, K. Okano, N. Sasaki
- 4:30 113** Enhancing Veterinary Parasitological Research Capacity in Developing Countries: The DANINDA Livestock Helminth Research Project in Eastern and Southern Africa. A. Lee Willingham III, Peter Nansen
- 4:45 114** Performance of a Antigen Lateral Flow Test Cassette. A.R. Donoghue, P.M. Pace, N.D. Guevara, R.S. Frank
- 5:00 115** Serological Survey of Dogs and Humans for the Human Granulocytic Ehrlichiosis Agent in Rhode Island. U.G. Whitworth, V. Hindrichsen, T.N. Mather
- 5:15 116** The Development and Collection of *Dirofilaria immitis* Larvae. R. Thornton
- 5:30 117** Evaluation of the Speed of Kill of Fleas and Ticks with Fipronil or Imidacloprid. L. Cruthers, J. Guerrero, C. Robertson-Plouch
- 5:45 118** Safety and Efficacy of Etofenprox Against Fleas and Ticks on Cats and Dogs. T.A. Miller, W.A. Sequim, P. Boyd, W.L. Washburn

8:00- 10:00 GRADUATE STUDENT MIXER
Room: Jackson

Tuesday, July 13, 1999

AAVP/AVMA PRESIDENT'S SYMPOSIUM
Convention Center - Room 220-221

Topic: Equine Parasitology: Current Problems and Potential Solutions

Moderator: L.C. Gasbarre

8:30 119 Pathogenesis and Immunity to Small Strongyles of Horses.

Thomas Klei

9:15 120 Transmission and Control of Small Strongyles of Horses. Craig Reinemeyer

10:00-10:30 BREAK

10:30 121 EPM: Possums, Parasites and Paresis. John Dame

11:15 122 Ehrlichial Infections of Horses. S.A. Ewing

