Session I: Clinical Pharmacology of Drugs Use in Food Animal Medicine

Towards the responsible use of veterinary drugs, Richard Teske
Residue avoidance: withdrawal times for drugs not labeled for food animals, H. Dwight Mercer
Life after chloramphenicol: therapeutic agents which may fill the void, Lloyd E. Davis
Analgesics and anesthetics in the food animal, John A. E. Hubbell
Use of culture and susceptibility in directing therapy, Joseph J. Kowalski
Concurrent use of glucocorticoids and antimicrobial drugs in the treatment of infectious diseases in large animals, William L. Jenkins
The use of antiprostaglandins in respiratory disease in cattle, H. Alison Gibbs
Fluid therapy in food animals, S.M. McGuirk
Indications for antibiotic therapy in the treatment of infections of bones and joints, L.R. Bramlage

Session II: Reproductive Pharmacology

Treatment of reproductive tract infections by uterine infusion, Walter R. Threalfall
Systemic therapy of reproductive tract infection, Borje K. Gustafsson
Use of hormones in estrus control and therapy of infertility, Tye J. Henschen
The postpartum use of gonadotropin releasing hormone (GnRH) to improve reproductive efficiency in the dairy cow, Myron D. Brown
Therapy of uterine infections: alternatives to antibiotics, Borje K. Gustafsson

Session III: Mammary Pharmacology

Pharmacokinetics of drugs used for therapy of the mammary gland, Daniel A. Gingerich
Mastitis therapy: the problem case, Gareth A. Moore

Session IV: Gastrointestinal Pharmacology

Acute urea toxicity in ruminants, Thomas E. Chapman
Therapeutic strategies involving antimicrobial therapy of the gastrointestinal tract in large animals, Robert H. Whitlock
Use of antiparasitic drugs in ruminants, Roger K. Pritchard
Use of antiparasitic drugs in swine, Rainer K. Muser
Ketosis, D. Michael Rings
Oral rehydration therapy in neonatal calves and pigs, Robert D. Simmons

Session V: Respiratory Pharmacology
Principles of antibacterial therapy of bronchopneumonia in cattle, William L. Jenkins
Treatment regimens for feedlot cattle with bronchopneumonia and fibrinous pneumonia, C. A. Hjerpe
Bovine interferon: an application of recombinant DNA technology, Joseph S. McCracken and Vincent T. Scialli

Session VI: Growth Promotants

An overview of growth promotants, Robert J. Grant
Veterinary aspects of ionophores in feedlot cattle, Wallace E. Brandt
Utilization of naturally occurring hormones in beef production, Robert L. Botts and James F.S. Reid