



# INTERNATIONAL CONFERENCE ON BOVINE MYCOPLASMOSIS

Final Agenda Subject to Change – Please Check Back for Updates

July 7 – 9, 2009

Delta Bessborough, Saskatoon, Saskatchewan



|                  | Monday, July 6 <sup>th</sup> | Tuesday, July 7 <sup>th</sup>  | Wednesday, July 8 <sup>th</sup>  | Thursday, July 9 <sup>th</sup>   |
|------------------|------------------------------|--|--|--|
| 7:00 to 8:30 AM  |                              | Registration & Continental Breakfast   | Continental Breakfast  | Continental Breakfast  |
| 8:30 AM          |                              | New and emerging <i>Mycoplasma spp.</i> of cattle<br>Dr. Robin Nicholas  | Understanding antimicrobial sensitivity testing<br>Dr. Roger Ayling                                      | Comparison of the biology of <i>Mycoplasma mycoides</i> subspecies <i>mycoides SC</i> to <i>Mycoplasma bovis</i><br>Dr. László Stipkovits    |
| 9:15 AM          |                              | Epidemiology of <i>Mycoplasma mastitis</i><br>Dr. Larry Fox  | Antimicrobials for the prevention and treatment of Mycoplasmosis<br>Dr. Mike Apley                       | Lung pathology in cattle with special reference to CBPP and other bovine Mycoplasmoses: Different sides of the same coin?<br>Dr. Guido Loria |
| 10:00 AM         |                              | <b>REFRESHMENT BREAK</b>   |  |  |
| 10:30 AM         |                              | Epidemiology and clinical presentation of <i>Mycoplasma bovis</i> in young calves<br>Dr. Christopher Schneider                       | Biofilm formation and its role in <i>Mycoplasma spp.</i> persistence and survival<br>Dr. Laura McAuliffe | Genome analysis and virulence genes of the <i>Mycoplasma mycoides</i> group<br>Dr. Paola Pilo  |
| 11:15 AM         |                              | Epidemiology and clinical presentation of Chronic Pneumonia and Polyarthritis Syndrome (CPPS) in feedlot cattle<br>Dr. Eugene Janzen | Genomic perspectives of <i>Mycoplasma</i> pathobiology<br>Dr. Mick Calcutt                               | The international community's preparedness strategy for Contagious Bovine Pleuropneumonia (CBPP)<br>Dr. Francois Thiaucourt                  |
| 12:00 to 1:30 PM |                              | <b>LUNCH</b>   |  | <b>LUNCH</b> and Closing Remarks   |

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| 1:30 PM |   | Economic impact of <i>Mycoplasma bovis</i> on the cattle industry<br>Dr. John Campbell   | Genome analysis in <i>Mycoplasma bovis</i> : A window into pathogenicity<br>Dr. Ricardo Rosenbusch  | <b>TOURS:</b><br><br>1) Vaccine and Infectious Disease Organization (VIDO)<br><br>2) Synchrotron: Canadian Light Source (CLS)<br><br>3) Western College of Veterinary Medicine (WCVM) |
| 2:00 PM |   | Role of <i>M. bovis</i> in bovine respiratory disease (BRD)<br>Dr. Jeff Caswell  | Variable surface proteins and their implications to vaccine development<br>Dr. Konrad Sachse  |   |
| 2:30 PM |   | Gross pathology of Chronic Pneumonia and Polyarthritis Syndrome (CPPS) in beef cattle<br>Dr. Ted Clark                           | Antigen targets for vaccine development against <i>Mycoplasma bovis</i><br>Dr. Jose Perez-Casal   |   |
| 3:00 PM |   | <b>REFRESHMENT BREAK</b>   |   |   |
| 3:30 PM |   | Laboratory and investigative diagnostic techniques for <i>Mycoplasma bovis</i><br>Dr. Hugh Cai                                   | Challenges in developing commercial vaccines to <i>Mycoplasma spp.</i><br>Dr. Susan Szathmary   |   |
|         |   | <b>RESEARCH SUMMARIES (15 minutes)</b>   |   |   |
| 4:00 PM |   | Factors associated with mycoplasma colonization of dairy calves in a herd with endemic mycoplasmal disease<br>Dr. Fiona Maunsell | <b>ROUND TABLE DISCUSSION</b><br><br>Has antimicrobial usage altered the ecology of <i>Mycoplasma spp.</i> in intensively managed production units?<br><br>Participants:<br>Dr. Roger Ayling<br>Dr. Mike Apley<br>Dr. Kee Jim |   |
| 4:15 PM |   | Vaccine trial results<br>Dr. Robin Nicholas  |   |   |
| 4:30 PM |   | Use of molecular typing in epidemiological studies<br>Dr. Murray Jelinski  |   |   |
| 4:45 PM |   | Vaccine-enhanced pathology in calves vaccinated with <i>Mycoplasma bovis</i> bacterins<br>Dr. Ricardo Rosenbusch                 |   |   |
| 6:15 PM |   | <b>COCKTAILS</b><br>Top of the Inn (Sheraton Cavalier)   | <b>COCKTAILS</b><br>Western Development Museum  |   |
| 7:00 PM | <b>REGISTRATION and WELCOME RECEPTION</b><br>Terrace Lounge (Delta Bessborough) | <b>DINNER</b><br>Top of the Inn  | <b>DINNER</b><br>Western Development Museum   |   |