

**Infectious Diseases: A Comprehensive Update**  
**Live Virtual Course**  
**April 26-27, 2021**

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DAY 1 Monday, April 26, 2021		
Time (Mountain Daylight Time)	Topic	Presenter(s)
8:00-8:15 am	<b>Welcome and Introductions</b>	<i>Dr. Linda Kidd</i>
8:15-9:15 am	Update on the Diagnosis, Treatment and Prevention of Feline Upper Respiratory Disease – Part I <ul style="list-style-type: none"> <li>• Provide definitions of the syndrome and differential list.</li> <li>• Discuss new or unrecognized bacterial and viral causes.</li> <li>• Understand the role of the microbiome.</li> <li>• Assess the predictive value of various diagnostic tests.</li> </ul>	<i>Dr. Michael Lappin</i>
9:15-10:15 am	Update on the Diagnosis, Treatment and Prevention of Feline Upper Respiratory Disease – Part II <ul style="list-style-type: none"> <li>• Understand the treatment options for bacterial causes.</li> <li>• Discuss the new strategies in the treatment of chronic viral infections.</li> <li>• Provide the optimal plans for prevention of bacterial and viral causes.</li> <li>• Understand the role of vaccines in the cause of CKD.</li> </ul>	<i>Dr. Michael Lappin</i>
10:15-10:30 am	<b>Break</b>	
10:30-11:30 am	Canine Infectious Respiratory Disease Complex: An Update <ul style="list-style-type: none"> <li>• Identify known, likely and potential CIRDC pathogens.</li> <li>• Interpret testing results based on an understanding of the relevance of various pathogens.</li> <li>• Assess high risk situations for certain pathogens.</li> </ul>	<i>Dr. Scott Weese</i>
11:30 am-12:30 pm	SARS CoV2 Treatment and Prevention in People: Will It Help Cats With FIP? <ul style="list-style-type: none"> <li>• Recognize different approaches to prevention and treatment of COVID-19 in people.</li> <li>• Explain the virological and immunological challenges to the development of a feline coronavirus vaccine.</li> <li>• Assess the potential uses and limitations of human treatment and prevention approaches for treatment or prevention of FIP.</li> </ul>	<i>Dr. Scott Weese, Dr. Gregg Dean</i>

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DAY 1 (continued) Monday, April 26, 2021		
Time (Mountain Daylight Time)	Topic	Presenter(s)
12:30-1:30 pm	<b>Lunch Break</b>	
1:30-2:30 pm	Interactive Discussion: SARS CoV2 in Dogs and Cats: What Have We Learned? <ul style="list-style-type: none"> <li>• Understand the occurrence of SARS-CoV-2 infection in dogs and cats.</li> <li>• Identify the clinical relevance of SARS-CoV-2 infection in dogs and cats.</li> <li>• Recognize and be familiar with the public health concerns and consequences of SARS-CoV-2 infection in cats.</li> </ul>	<i>Dr. Jane Sykes, Dr. Scott Weese</i>
2:30-3:30 pm	Canine and Feline Bronchopneumonia <ul style="list-style-type: none"> <li>• Contrast presenting signs and medical history of cats and dogs with aspiration, bronchopneumonia and inflammatory airway disease.</li> <li>• Identify common pathogens associated bronchopneumonia in dogs and cats.</li> <li>• Determine a diagnostic plan for dogs or cats suspected of having bacterial pneumonia.</li> </ul>	<i>Dr. Jonathan Dear</i>
3:30-3:45 pm	<b>Break</b>	
3:45-4:45 pm	Invasive Fungal Infections in Dogs and Cats <ul style="list-style-type: none"> <li>• Discuss physical exam findings and clinicopathologic findings associated with invasive fungal infections.</li> <li>• Describe tissue-specific and breed-specific predilections of disseminated fungal infections in dogs and cats.</li> <li>• Contrast indications, adverse effects and pharmacokinetics of anti-fungal medications in dogs and cats.</li> </ul>	<i>Dr. Jonathan Dear</i>
4:45-5:45 pm	Group Panel Discussion / Q&A: Respiratory Disease in Dogs and Cats	<i>Dr. Leah Cohn, Dr. Jonathan Dear, Dr. Michael Lappin, Dr. Jane Sykes, Dr. Scott Weese</i>

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DAY 2 Tuesday, April 27, 2021		
Time (Mountain Daylight Time)	Topic	Presenter(s)
8:00-9:00 am	Diagnostic Tests for Infectious Disease: Where Are We Now? <ul style="list-style-type: none"> <li>• Understand the advantages and disadvantages of different types of diagnostic tests for infectious diseases and how application of multiple types of diagnostic tests can facilitate diagnosis.</li> <li>• Review epidemiologic concepts as they apply to diagnostic testing and interpretation of diagnostic tests for infectious diseases.</li> <li>• Understand the current direction of diagnostic test innovation for infectious diseases.</li> </ul>	<i>Dr. Jane Sykes</i>
9:00-10:00 am	Important Infectious Diseases You May Not Think About: An Update <ul style="list-style-type: none"> <li>• Explain the risks posed by selected infectious agents.</li> <li>• Identify clinical situations where infection with uncommon pathogens may be involved.</li> <li>• Be familiar with testing approaches to emerging or uncommon infectious diseases.</li> </ul>	<i>Dr. Scott Weese</i>
10:00-10:15 am	<b>Break</b>	
10:15-11:15 am	Feline Vector-Borne Diseases: An Update <ul style="list-style-type: none"> <li>• Understand the clinical syndromes associated with these agents.</li> <li>• Quickly and easily diagnosis these infections.</li> <li>• Optimally treat and avoid these infections by utilizing presented preventative strategies.</li> </ul>	<i>Dr. Michael Lappin</i>
11:15 am-12:15 pm	Cytauxzoonosis: An Update <ul style="list-style-type: none"> <li>• Recognize clinical manifestations of disease, suggestive of Cytauxzoonosis.</li> <li>• Compare and contrast the benefits and limitations of each method of diagnosis for both disease and infection.</li> <li>• Develop therapeutic plans for both infection and complications of infection.</li> </ul>	<i>Dr. Leah Cohn</i>

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DAY 2 (continued) Tuesday, April 27, 2021		
Time (Mountain Daylight Time)	Topic	Presenter(s)
12:15-1:15 pm	<b>Lunch Break</b>	
1:15-2:15 pm	Bartonellosis in Dogs, Cats and People: An Update <ul style="list-style-type: none"> <li>List disease manifestations associated with Bartonellosis.</li> <li>Describe benefits and limitations of serological, molecular and enrichment culture tests for diagnosis of Bartonellosis.</li> <li>Identify potential sources of Bartonella spp. exposures and modes of organism transmission.</li> <li>Discuss the role of Bartonella spp. in sudden death and vasoproliferative cancers.</li> </ul>	<i>Dr. Ed Breitschwerdt</i>
2:15-3:15 pm	Diagnostic Testing for Bartonellosis: An Update <ul style="list-style-type: none"> <li>Identify clinical scenarios in dogs and cats in which testing for Bartonella is indicated.</li> <li>List the current commercially available diagnostic tests for Bartonella and be aware of new tests under development/in use for research.</li> <li>Evaluate the benefits and limitations of different diagnostic tests for Bartonella in dogs and cats in different clinical scenarios, choose the most appropriate test and interpret the results.</li> </ul>	<i>Dr. Erin Lashnits</i>
3:15-3:30 pm	<b>Break</b>	
3:30-4:30 pm	Lyme Disease and Leptospirosis: An Update <ul style="list-style-type: none"> <li>Be aware of the current understanding of the epidemiology and pathogenesis of these diseases in dogs and cats, and how they differ.</li> <li>Be aware of currently available diagnostic tests for Lyme and leptospirosis and how to interpret them.</li> <li>Know current recommendations for prevention of Lyme and leptospirosis in dogs and their zoonotic implications.</li> </ul>	<i>Dr. Jane Sykes</i>
4:30-5:30 pm	Group Panel Discussion / Q&A: Vector-Borne and Other Emerging Infectious Diseases	<i>Dr. Ed Breitschwerdt, Dr. Leah Cohn, Dr. Jonathan Dear, Dr. Linda Kidd, Dr. Michael Lappin, Dr. Erin Lashnits, Dr. Jane Sykes, Dr. Scott Weese</i>