



**SkiCE | January 27-30, 2019**  
**Vail Marriott Mountain Resort, Vail, CO**

**Updates in Endocrinology**  
**David Bruyette, DVM, DACVIM**

**AGENDA**

**Sunday, January 27**

1:00-1:45 PM	Registration	Grand Ballroom Foyer
1:45 - 2:00 PM	Welcome and Announcements	Grand Ballroom A-E
2:00-6:00 PM	Feline Hyperthyroidism Canine Hyperthyroidism	Grand Ballroom A-E
6:00-7:00 PM	CVMA / AAHA Reception	Grand Ballroom F

**Monday, January 28**

6:30-7:00 AM	Breakfast	Grand Ballroom A-E
7:00-9:00 AM	Polyuria and Polydipsia Approach to the Patient with Hypoglycemia	Grand Ballroom A-E

***HIT THE SLOPES!***

4:00-6:00 PM	Disorders of Calcium Metabolism Feline Adrenal Disorders	Grand Ballroom A-E
--------------	---	--------------------

**Tuesday, January 29**

6:30-7:00 AM	Breakfast	Grand Ballroom A-E
7:00-9:00 AM	Feline Acromegaly Canine Hypoadrenocorticism	Grand Ballroom A-E

***HIT THE SLOPES!***

4:00-6:00 PM	Diabetes Mellitus	Grand Ballroom A-E
--------------	-------------------	--------------------

**Wednesday, January 30**

6:30-7:00 AM	Breakfast	Grand Ballroom A-E
7:00-9:00 AM	Canine Cushing's Disease	Grand Ballroom A-E

## **ABOUT THE PROGRAM**

**Sunday, January 27**

**2:00-6:00 PM**

### ***Feline and Canine Hyperthyroidism***

Explore recent findings in the pathogenesis, diagnostic approach, and treatment options for this common endocrine disorder in both cats and dogs. We will discuss the pros and cons of medical vs radioiodine and dietary management of hyperthyroidism and outline a logical diagnostic approach for evaluating thyroid function.

Become more familiar with the approach and treatment options by:

- Identifying cats and dogs at risk for hyperthyroidism
- Understanding the available tests used in the diagnosis of hyperthyroidism
- Reviewing the current available options for treatment

**6:00-7:00 PM**

CVMA/AAHA Reception

**Monday, January 28**

**7:00-9:00 AM**

### ***Polyuria and Polydipsia***

While learning the tests used in diagnostic approaches to the disease, we will discuss how to identify pets with polyuria and polydipsia in comparison to normal physiologic adaptations. Also, we will review normal water homeostasis and the impact of disease on the regulation of thirst and water conservation and understand the current treatment options.

### ***Approach to the Patient with Hypoglycemia***

Develop an understanding of normal regulation of glucose metabolism, learn the test available in a diagnostic approach, and discuss the current options for treatment in relation to cats and dogs with hypoglycemia.

## **HIT THE SLOPES!**

**4:00-6:00 PM**

### ***Disorders of Calcium Metabolism***

Review normal calcium metabolism and discuss a logical approach to the patient with both hyper and hypocalcemia. This presentation will guide you to an understanding of calcium metabolism, how to utilize available tests in diagnosing patients with abnormal calcium levels, and updates in treatment options.

### ***Feline Adrenal Disorders***

With an emphasis on hyperaldosteronism, this session will cover the disorders affecting the adrenal gland in cats in comparison to normal adrenal physiology. In addition, we will discuss the available test used in diagnostic approaches to patients and effective treatments.

**Tuesday, January 29**

**7:00-9:00 AM**

***Feline Acromegaly***

As an emerging feline endocrine disease, we will review the clinical presentation, diagnostic approach, and treatments available for feline acromegaly. This presentation will help you understand normal regulation of growth hormone release in comparison to patients with suspected acromegaly.

***Canine Hypoadrenocorticism***

Normal regulation of canine cortisol metabolism will lead into discussions around the differences between the various forms of adrenal gland dysfunction. Develop an understanding of the tests used in diagnosing a patient with suspected hypoadrenocorticism and learn the latest available options for successful treatment.

## **HIT THE SLOPES!**

**4:00-6:00 PM**

***Diabetes Mellitus***

Insulin resistance is the most common cause of insulin treatment failure in diabetes. Explore the common causes and management of insulin resistance in both dogs and cats and review the pathogenesis of diabetes and how it relates to our management strategies. Discussion will emphasize the goal of remission vs long-term treatment of this common feline disorder.

Become familiar with:

- Normal regulation of glucose metabolism
- Current recommendations regarding dietary therapy and the role of oral hypoglycemic agents
- Available treatment options for patients

**Wednesday, January 30**

**7:00-9:00AM**

***Canine Cushing's Disease***

In this session we will review the current treatment options for this common disorder as well as discuss potential therapies, which may change how we manage this disease in the future.

Through this presentation, you will learn:

- Normal regulation of the HPA axis
- Recommendations regarding the diagnostic approach to the patient with suspected hyperadrenocorticism
- How to effectively treat canine patients with Cushing's Disease

## ABOUT THE PRESENTER

David Bruyette, DVM, DACVIM



Dr. David Bruyette received his DVM from the University of Missouri in 1984 and completed an internship at Purdue University and residency in internal medicine at the University of California-Davis. He was a staff internist at the West Los Angeles Veterinary Medical Group and a member of the Department of Comparative Medicine at Stanford University. Dr. Bruyette was an Assistant Professor and Head of Internal Medicine at Kansas State University and Director of the Analytical Chemistry Laboratory at Kansas State. Until recently, he was Medical Director at the West Los Angeles Animal Hospital and a clinical professor in the Department of Radiation Oncology at UCLA. He is currently the Chief Medical Officer at Anivive Lifesciences. Dr. Bruyette is a diplomate of the American College of Veterinary Internal Medicine.