



# ROYAL CANIN NUTRITION SYMPOSIUM 2017

**SATURDAY APRIL 29TH, 9AM - 4:30PM  
RIVER'S EDGE, WORLD TRADE CENTRE - MELBOURNE CBD**

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An exclusive all day companion animal nutrition symposium veterinarians, veterinary nurses and industry leaders with a passion for nutrition.

**Featuring Dr Andrea Fascetti (UC Davis) and  
Dr Nick Cave (Massey University)**

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## THE PRESENTERS:



**Dr Andrea J. Fascetti** - VMD, Ph.D., Dipl. ACVIM, ACVN

Andrea Fascetti graduated from the University of Pennsylvania, School of Veterinary Medicine. Following graduation she completed an internship and medicine residency at The Animal Medical Center in New York City.

She holds a doctoral degree in nutrition from the University of California, Davis. She is a Diplomate of both the American College of Veterinary Internal Medicine and the American College of Veterinary Nutrition. Andrea is currently a Professor of Nutrition at the University of California, Davis. She is also the service chief for the Nutrition Support Service in the Veterinary Medical Teaching Hospital. Andrea is currently the editor of the key vet nutrition textbook "Applied Veterinary Clinical Nutrition".



**Dr Nick Cave** - DipACVN, PhD, MVSc, BVSc

Nick Cave graduated from Massey University in 1990 with a BVSc, and after several years in general practice, returned to Massey for a residency in small animal internal medicine, also attaining membership in the Australasian College of Veterinary Scientists by examination. Nick graduated with an MVS in 2000 and then moved to University of California, Davis, where he attained a PhD in nutrition and immunology in 2004. Here Nick also completed a nutrition residency & became a diplomate in the American College of Veterinary Nutrition by examination in 2004. Nick is now associate professor in small animal medicine and nutrition at Massey University. He has authored more than 30 peer-reviewed publications, is on the editorial board for the Veterinary Quarterly and Veterinary Education International, and has authored chapters in several international veterinary textbooks. Nick is a founding member of the WSAVA Nutritional Guidelines Committee.

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**Dr Meredith Wall** - BVSc (Hons I), BA - Massey Royal Canin Clinical Nutrition Resident

After completing a Bachelor of Arts degree majoring in Philosophy and English Literature, Meredith worked in publishing and finance for several years before completing a Bachelor of Veterinary Science with class I Honours at the University of Sydney in 2012. She spent several years after graduation working in conservation medicine and wildlife research, as well as exotic and small animal practice. Meredith enjoys the university environment and has recently moved to New Zealand to begin a combined clinical nutrition residency and PhD at Massey University. Meredith's interests include the prevention of companion animal obesity, care of working dogs and zoo animal nutrition. At home, Meredith enjoys the company of her four cats, one long-suffering Labrador and occasional foster greyhounds.

## THE VENUE:

### **River's Edge, World Trade Centre - Melbourne CBD**

Located in central Melbourne, with plenty of parking and public transport nearby, the River's Edge has beautiful frontage to the Yarra River and will be the venue for this exciting event.

Your attendance at this event will include morning tea, a delicious buffet lunch, afternoon tea and end of the day drinks, with the chance to network and chat with the presenters.

**River's Edge, World Trade Centre, 18-38 Siddley Street, Melbourne 3005.**



River's Edge is located on the World Trade Centre 1st Floor, directly overlooking the Yarra River.

## ROYAL CANIN NUTRITION SYMPOSIUM PROGRAM:



### **NUTRITIONAL MANAGEMENT OF CHRONIC KIDNEY DISEASE** – Dr Andrea Fascetti

Dietary therapy has remained the cornerstone of management of chronic kidney failure for decades. The goals of dietary modification are to:

1. Meet the patient's nutrient and energy requirement
2. Alleviate clinical signs and consequences of the uraemia intoxications
3. Minimise disturbances in fluid, electrolyte, vitamin, mineral and acid base balance
4. Slow the progression of kidney failure.

Recommendations regarding dietary therapy and other components of medical management need to be individualised to patient needs based on clinical and laboratory findings. Chronic kidney failure is progressive and dynamic; hence serial clinical and laboratory assessment and modification of therapy in response to changes in the patient's condition is integral to successful patient management.

The scientific support for nutritional modification in the successful management of this disease is strong. This lecture will review the literature and all the nutrient considerations when feeding for chronic kidney disease, while providing the practitioner talking points for client communication and targets for dietary therapy.



### **CRITICAL CARE NUTRITION** – Dr Andrea Fascetti

Hospitalized and critical care patients are a diverse population, often leading to uncertainty regarding the appropriate feeding approach. While many of these patients are immobilized or at rest in a cage, it does not mean that they do not have any energy and nutrient requirements.

Questions commonly faced by the practitioner include:

- "When do I start to feed my patient?"
- "What are the benefits to proactively feeding my patients while they are in the hospital?"
- "How much and how often should I feed?"
- "My patient isn't eating enough, or not at all; what can I do?"
- "There are so many feeding tubes, which one should I use?"
- "How do I set up a feeding protocol for my patient with a tube?" to name a few.

This lecture will review practical approaches to the nutritional assessment of the hospitalised patient, guidelines for when to feed and how much to feed, review feeding tubes and how to set up a feeding plan for a patient with a tube, as well as briefly discuss parenteral nutrition in the practice setting.



### **FEEDING THE SKIN** – Dr Nick Cave

The slow rate of turnover, long time for recovery, and delay in visible response to therapy often causes us to forget the importance of diet in skin health and disease.

Diet affects several important aspects of the skin, including its barrier function, allergic sensitisation, rate of repair following injury, odour, and cosmetic appearance. Atopic dermatitis, food allergy, superficial microbial overgrowth, seborrheic responses and immune-mediated skin diseases can all be modified through nutritional intervention. With the exception of food allergy, dietary management is rarely a potent therapy, however every animal must eat something, and there are few skin diseases where one should not at least consider the possibility of diet as an adjunctive therapy.

This lecture will discuss the role of diet in dermal barrier function, food allergy prevention and aetiology, and the modulation of deleterious immune responses, and will arm clinicians with a few practical precepts to evaluate an animal's diet to judge if change might be beneficial.



### **DIET AS THE HERO AND VILLAIN OF GASTROINTESTINAL DISEASE – Dr Nick Cave**

Perhaps no other organ system is so directly and immediately affected by nutrition than the gastrointestinal tract. Timing and frequency of feeding, route of feeding, macronutrient and micronutrient compositions of the diet have profound influences on oral and intestinal health. In addition to the direct effect of diet on the body, there is a considerable indirect effect through dietary influences on the intestinal microflora.

Despite awareness of these mechanisms, several important clinical questions remain unanswered:

- “What are the different types of dietary fibre and do they have different effects?”
- “What are the benefits and limitations of hydrolysed diets?”
- “What are the dietary risk factors for pancreatitis?”
- “Should fat always be restricted?”
- “Can diet predispose to acute gastroenteritis?”
- “What about raw food diets? ”

This lecture will explore these and other common questions and where definitive answers may not exist, will at least equip attendees with what is currently known, and what we can infer from research in other species.



### **TIME TO ACT ON PREVENTING COMPANION ANIMAL OBESITY – Dr Meredith Wall**

There are many reasons why an increased focus on obesity prevention in companion animals is critical. Attempted weight reduction in later life often fails, and many risk factors for obesity (such as neutering or indoor confinement) actually provide substantial benefit to the owner, the animal itself, and occasionally the environment. The consequences and costs of obesity are well-established and include the development of multiple associated diseases, reduced quality of life and even a decrease in the pet's lifespan.

This lecture will consider the risk factors for obesity, possible components of an obesity prevention programme and some specific challenges to overcome. Some key questions that will be discussed include:

- How could owner psychology affect the development of obesity in companion animals?
- What can we learn from current research on childhood obesity prevention programmes?
- Why do human childhood obesity prevention programmes fail or succeed?
- What practical changes could veterinary practices make to try to prevent the development of obesity in their patients?



### **NUTRITIONAL TRUTHS, MYTHS and Q&A SESSION – Dr Nick Cave and Dr Andrea Fascetti**

An interactive, semi-structured session with Drs Cave and Fascetti covering common nutrition questions they are asked, including Q&A with attendees. Common companion animal nutritional myths to be covered include:

1. Is flaxseed a good source of omega-3 fatty acids (specifically DHA and EPA)?
2. Are grain free diets better for dogs and cats (as grains cause allergies or grains are not natural for pets)?
3. Is a 'natural diet' better?
4. Is corn really a major cause of food allergies in dogs and cats?
5. Are by-products healthy for dogs and cats?
6. Sustainability and protein sources in the future
7. The raw diet trend and tackling the issues that come along with it

This session aims to get attendees thinking about how to tackle the common nutrition questions they face in practice, and how to set clients on an ideal path in terms of their pet's nutritional needs.



## EVENT SCHEDULE:

START TIME	END TIME	MINUTES	ITEM	SPEAKER
8:00am	8:50am	50	<b>Arrival: Tea &amp; Coffee</b>	
8:50am	9:00am	10	<b>Welcome</b>	Royal Canin
9:00am	10:00am	60	<b>Nutrition of Renal Disease</b>	Dr Andrea Fascetti
10:00am	11:00am	60	<b>Feeding the Skin</b>	Dr Nick Cave
11:00am	11:20am	20	<b>Morning Tea</b>	
11:20am	12:10pm	50	<b>Acting on Companion Animal Obesity Prevention</b>	Dr Meredith Wall
12:10pm	1:10pm	60	<b>Lunch</b>	
1:10pm	2:10pm	60	<b>Diet for GI disease</b>	Dr Nick Cave
2:10pm	3:10pm	60	<b>Critical Care nutrition</b>	Dr Andrea Fascetti
3:10pm	3:30pm	20	<b>Afternoon Tea</b>	
3:30pm	4:30pm	60	<b>Nutritional Truths, Myth Busting and interactive Q&amp;A session</b>	Cave, Fascetti & Royal Canin
4:30pm	Finish	60	<b>Drinks to 5:30pm</b>	

## FURTHER DETAILS:

This event is targeted at companion animal veterinarians and industry leaders. If you are a veterinary nurse or vet tech with a keen interest in companion animal nutrition, there are a limited number of spots for you also.

This event has a value of \$499 per person and includes lunch as well as morning and afternoon tea, but will be completely subsidised by Royal Canin. Places are strictly limited, and are on a first come, first served basis.

This event is eligible for 6 AVA VetEd points.

Australian Veterinary Association



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for Australia's veterinarians

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**For more information, please talk to your local Royal Canin representative.**