

Veterinary Nutrition: Past, Present and Future: Day 1
On Demand

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Agenda Day 1		
Session Duration	Topic	Presenter(s)
60 minutes	<p>Veterinary Diets: From Research to Product</p> <ul style="list-style-type: none"> Understand the scientific, industrial and regulatory steps necessary to develop evidence-based nutritional products for canine and feline clinical conditions. Understand the different types of validation trials and their advantages and limitations. Critically evaluate current veterinary diets on the market and explain to pet owners how they may differ from maintenance diets in terms of research and development. 	Dr. Yann Queau
30 minutes	<p>Palatability: How is Pet Food Evaluated to be Palatable? What Are Some Drivers of Palatability We Don't Think Of?</p> <ul style="list-style-type: none"> Understand what palatability is and why it is important. Become familiar with how palatability is evaluated, including established and newer methods. Understand some of the key drivers of palatability, including physical properties, macronutrient composition, specific taste and smell compounds, and impact of temperature. 	Dr. Scott McGrane
60 minutes	Novel pet food ingredients and innovation	Dr. Julia Pezzali
60 minutes	<p>Panel discussion</p> <ul style="list-style-type: none"> Participants would be able to describe challenges in the development of OTC and veterinary diets, including research, palatability, and use of novel pet food ingredients. Participants would be able to discuss prominent opportunities in future pet food development, including improving veterinary diets, palatability, and use of novel and sustainable pet food ingredients. 	<p>Dr. Yann Queau Dr. Scott McGrane Dr. Julia Pezzali</p> <p>Moderator: Dr. Jonathan Stockman</p>

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Agenda Day 1 (cont.)

Session Duration	Topic	Presenter(s)
60 minutes	<p>Quality Control and Safety of Alternate Pet Food Formats: A Look At Raw, Freeze-Dried, and Minimally Processed Diets</p> <ul style="list-style-type: none"> How alternate pet food formats are commercially made. The preventive controls used by manufacturers to mitigate biological hazards in these formats. Fundamentals of high-pressure processing, freeze drying, low temperature air drying, and sous vide cooking. 	<i>Dr. Mary Grace Danao</i>
30 minutes	<p>Fresh (Homemade) Foods: Formulation, Safety, Quality Control, Homogeneity</p> <ul style="list-style-type: none"> How fresh pet food is formulated. The quality control process involved in fresh pet food to ensure consistency and safety. 	<i>Dr. Dan Su</i>
30 minutes	<p>Animal "Supplements": It's Buyer Beware</p> <ul style="list-style-type: none"> Delineate the regulatory path of animal supplements and how it impacts the practitioner and patient. Judge whether the ingredients in a supplement are likely to be "safe" (and define what that means). Identify sources of information that support quality products. 	<i>Dr. Dawn Boothe</i>
30 minutes	<p>Leveraging Technology to Provide/Prepare Safe & Healthy Pet Food</p> <ul style="list-style-type: none"> Identify practices and standards that reduce food safety and quality concerns/issues. Understand how artificial intelligence/machine learning is being applied in veterinary nutrition, and how it might be helpful in clinical practice. 	<i>Dr. Sean Delaney</i>
60 minutes	<p>Panel Discussion</p> <ul style="list-style-type: none"> Participants would recognize risks associated with the use of alternative diets and supplements, Participants would be able to explain how quality control and technology can mitigate the risks associated with alternative pet diets. 	<p><i>Dr. Mary Grace Danao</i> <i>Dr. Dawn Boothe</i> <i>Dr. Sean Delaney</i> <i>Dr. Dan Su</i></p> <p><i>Moderator: Dr. Jonathan Stockman</i></p>