



**Institute of Animal
Nutrition and Dietetics**

University of Bern | University of Zurich
vetsuisse-faculty



PROGRAM

26th ESVCN Congress of the European Society of Veterinary & Comparative Nutrition

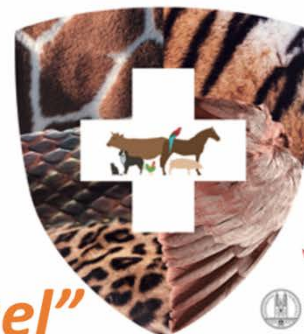
September 6-8, 2022

Basel, Switzerland



“Grüezi mitenand in Basel”

26th Congress of the
6th - 8th September 2022
Switzerland, Basel







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Nutrition and Dietetics**


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MONDAY, 05.09.2022

18:00 - 21:00 - ICEBREAKER EVENT - Zoo Basel – only if you have registered for it
Welcome Party, Early Registration

Hour	TUESDAY, 06.09.2022		
8:15	REGISTRATION		
9:00	WELCOME		
9:30	Best of AAVN - sponsored by: WALTHAM		
9:45	Plenary: Prof. Dr. Alexander Mathys – "Sustainable food and feed processing" Room 033 Aula - Chair: Daniel Brugger		
10:45	Coffee Break sponsored by: Santural GmbH		
Hour	Stream A in Room 033 Aula	Stream B in Room 001	Stream C in Room 102
11:00	Session A1. Sustainable Feed Production Chair: Annette Zeyner sponsored by: 	Session B1. Carbohydrates Chair: Britta Dobenecker sponsored by: 	Session C1. Protein Chair: Sebastien Léfebvre
11:00	Overestimation of true protein content of insects - Nikoletta Hetenyi, Emese Andrásófszky	Phagocytic activity and serum cytokines in dogs fed fermentable fiber - Stephanie Theodoro, Lara Volpe, Debora Eugênio, Thaila Putarov, Caroline Ikuda, Fernanda Mendonça et al.	A pilot study on the urine proteome of cats fed a high-protein complete diet, supplemented with or without arginine - Nadine Paßlack, Katharina Nöbauer, Karin Hummel, Sarah Schlosser, Ebrahim Razzazi- Fazeli, Vitaly Belik et al.
11:15	Effects of Silvaeed BX on performances and methane emissions of high producing dairy cows - Damiano Cavallini, Giovanni Buonaiuto, Francesca Ghiaccio, Ludovica Mammi, Alberto Palmonari et al.	Evaluation of a yeast beta 1,3/1,6 glucan in a pet food application to determine its impact on the canine immune system - Logan Kilburn, Elizabeth Bobeck, Krysten Fries-Craft, Greg Aldrich	Branched-chain amino acides, arginine and docosahexaenoic acid supplementation increased protein turnover and may improve body composition in old dogs - Letícia Grazielle Pacheco, Camila Goloni, Ludmilla Geraldo Di Santo, Amanda Vitta-Takahashi, Ariel De Castro, Lucas Bassi Scarpim et al.

11:30	<p>How Sustainable Pet Food Packaging Can Meet Animal Nutrition? - Elena Pagani, Marco Gonzalez, Patrizia Baravalle, Cristiana Monge</p>	<p>Impaired glucose tolerance induced by low-carbohydrate, moderate fat diet in pigs - Linda Böswald, Ellen Kienzle, Marion Schmitz, Britta Dobenecker, Arne Hinrichs, Martin Bidlingmaier et al.</p>	<p>Different starch to protein ratios in kibble diets fed ad libitum on body weight control, body composition, water turnover and physical activity in neutered cats living in homes - Camila Goloni, Letícia Grazielle Pacheco, Luis Letícia Warde, Stephanie Souza Theodoro, Lucas Bassi Scarpim et al.</p>
11:45	<p>Effect of shearing and sterilisation on digestibility and available phosphorus in plant-based meat analogues for pet food application - Ariane Wehrmaker, Wouter de Groot, Julia Keppler, Guido Bosch, Atze Jan van der Goot</p>	<p>The effects of galacto-oligosaccharides on faecal parameters in healthy dogs and cats - Ronald Corbee</p>	<p>Chicken meal is not an appropriate reference protein for estimating protein quality of ingredients used in extruded diets intended for dogs - Michelina Crosbie, James R. Templeman, Julia G. Pezzali, Glenda Courtney-Martin, Crystal Levesque, Leslie Hancock-Monroe et al.</p>
12:00	<p>Immune and inflammatory effects in dogs of diets with beta glucans extracted from yeast cell wall or seaweed - Stephanie Theodoro, Maria Eduarda Tozato, Leticia Luis, Camila Goloni, Lucas Scarpim, Debora Eugênio et al.</p>	<p>Lentil pasta by-product as a substitute to broken rice reduces glucose and insulin responses of dogs fed extruded diets - Livio Penazzi, Ticiane Giselle B Freire, Juliana L Frias, Liviana Prola, Aulus C Carciofi</p>	<p>Dietary approach of chronic enteropathies in dogs with novel-protein home-cooked diets: a retrospective study of clinical findings in 50 cases - Carla Giuditta Vecchiato, Federica Sportelli, Costanza Delsante, Carlo Pinna, Marco Pietra, Giacomo Biagi</p>
12:15	-	<p>Whole grains in dog food – effects on gut microbiota and short chain fatty acid production - Hanna Palmqvist, Sara Ringmark, Katja Höglund, Torbjörn Lundh and Johan Dicksved</p>	<p>Effects of different nitrogen sources on growth performance and survival rate of selected insect species -Nikoletta Hetényi, András Bersényi, István Hullár</p>
12:30	<p>LUNCH – sponsored by:</p> 		

13:30	Poster #	Guided Poster Session 1 – Chair: Stefanie Handl
13:30	# 1	Evaluation of Veterinary Clinical Nutrition in an Emergency and Specialty Care Setting - <i>Emily Luisana, Lindsey Bullen and Craig Datz</i>
13:34	# 2	Homemade nutrition for digestive problem - <i>Giulia Pignataro, Eleonora Magnanini, Benedetta Belà, Jacopo Magnanini, Alessandro Gramenzi</i>
13:38	# 3	The perception of Portuguese pet owners about veterinary approach to nutrition and weight management in companion animals - <i>Mafalda Pires Gonçalves, Rodolfo Leal, Marta Hervera Abad</i>
13:42	# 4	Use of Research Electronic Data Capture (REDCap), for prospective, nutritional management of diabetic cats - <i>Freja Kragh Jørgensen, Amrita Mohanty, Lucy Davison, Ruth Gosterlow, Charlotte Bjørnvad</i>
13:46	# 5	Learning and implementing the principles of rationing for dogs and cats through role-playing: interest of the authentic activity on the motivation and skills - <i>Marjorie Dequenne, Pascal Detroz, Catherine Delfosse, Marianne Diez</i>
13:50	# 6	Evaluation of the effects of dietary supplementation with Boswellia resin on weight bearing in dogs with elbow osteoarthritis - <i>Elena Pagani, Emanuela Valle, Lisa Piras, Davide Mancusi, Bruno Peirone</i>
13:54	# 7	The impact of treat consumption on digestibility values of dog food measured in-home: a simulation study - <i>Evelien Bos, Wouter Hendriks, Bonne Beerda, Guido Bosch</i>
13:58	# 8	Canine brief pain inventory score and activity tracking in a canine osteoarthritis (OA) intervention study - <i>Linda Böswald, Sven Reese, Jutta Hugenberg, Steffen Oesser, Michael Schunck, Britta Dobenecker</i>
14:02	# 9	Chicken protein hydrolysate meal effects on the plasma activity of angiotensin-converting enzyme and urine characteristics in cats - <i>Eloise Cristina de Ramos, Leticia Grazielle Pacheco, Lucas Bassi Scarpim, Camila Goloni, Mariana Gilbert Pescuma, Juliana Lopes Frias et al.</i>
14:06	# 10	Nutritional management of a dog with chronic hepatitis: a case study - <i>Alessio Ruggiero, Alessandro Vastolo, Serena Calabrò, Monica Isabella Cutrignelli</i>
14:10	# 11	Feeding habits of stray dogs: A case report of <i>Linguatula serrata</i> in Latina, Rome, Italy - <i>Fahad Ahmed, Ale Giambattistelli, Claudia Tamponi, Giorgia Dessi, Naunain Mehmood, Stephane Knoll et al.</i>
14:14	# 12	Survey: Impact of environmental sustainability on dog owner's decision-making on feeding practices in Switzerland - <i>Freya Moscoso, Annette Liesegang</i>
14:18	# 13	Effect of the vegan diet on selected parameters for health and nutritional evaluation in growing and adult cats - <i>Valentina Pippobello, Maria Grazia Cappai, Alessabdro Piroddi, Martina Di Todaro, Giovanni Livesu, Nicola Messina</i>

14:22	# 14	Epidemiology of overweight and amyotrophy in 309 healthy dogs in France - <i>Tiphaine Blanchard, Mélanie Roche, Damien Banuls, Marco Fantinati, Aurélie Bynens, Michel Meunier et al.</i>
14:26	# 15	Epidemiology of overweight and amyotrophy in 322 healthy cats in France - <i>Tiphaine Blanchard, Damien Banuls, Mélanie Roche, Marco Fantinati, Aurélie Bynens, Michel Meunier et al.</i>
14:30	# 16	Dog Foods in Norway – A survey Regarding Dogs’ diets and Mapping of Nutritional Guidelines Used by Commercial Dog Food Brands - <i>Nicole Frost Nyquist, Emma Sundling, Marita Lindanger, Natalia Rachel Andreassen Cross, Anne Westervik Pedersen</i>
14:34	# 17	Body composition of cats with chronic kidney disease after low phosphorus and maintenance protein levels - <i>Daniela P Machado, Vivian Pedrinelli, Bruna Ruberti, Fabio A Teixeira, Thiago H A Vendramini, Julio C C Balieiro et al.</i>
14:38	# 18	Lipid and glycemic response of diabetic dogs supplemented with betaglucan - <i>Rodrigo Olivindo, Andressa Amaral, Mariana Rentas, Marcio Brunetto, Yuri Calvo, Susan Gouvea</i>



14:45 **Coffee Break**


15:00 **Plenary: Prof. Dr. Dr. habil. Wilhelm Windisch –
"Trace mineral metabolism in different livestock species: more common or more
divers?"**
Room 033 Aula - Chair: Nadine Passlack
sponsored by:



Hour	Stream A in Room 033 Aula	Stream B in Room 001	Stream C in Room 102
16:00	<u>Session A2. Minerals, Vitamins & Fats</u> Chair: Linda Böswald	<u>Session B2. Feed Science</u> Chair: Veerle Vandendriessche	<u>Session C2. Miscellaneous</u> Chair: Maria Grazia Cappai
16:00	Are the urinary phosphate / urinary urea nitrogen (P/UUN) and phosphate / creatinine (P/Crea) ratios suitable for assessment of inorganic P intake in cats? - <i>Carla Steffen, Britta Dobenecker, Ellen Kienzle</i>	Quantification of both plant and animal fibre <i>- Sylvie D'Hooghe, Geert Janssens</i>	Visfatin immunelocalization in gastric and intestinal mucosa of piglets varies among individuals and it is not related to polyphenolic supplement - <i>Daniele Marini, Maria Grazia Cappai, Gianni Battacone, Francesca Mercati, Kamil Dobrzyń and Cecilia Dall'Aglio</i>
16:15	Hair analysis in horses: A tool to monitor mineral intake? - <i>Lisa Wahl, Ingrid Vervuert</i>	Impact of fibrous creep feed for suckling piglets on in vitro digestibility - <i>Renjie Yao, An Cools, Hubèrt van Hees, Donna Vanhaute-ghem, Mengmeng Sun et al.</i>	Theory of planned behavior applied to owners’ behavior regarding foods with preservatives for dogs and themselves - <i>Vivian</i>

			<i>Pedrinelli, Alexandre Rossi and Marcio A. Brunetto</i>
16:30	Effects of dietary zinc chloride hydroxide and zinc methionine on the immune system of healthy adult horses and ponies - Sarah van Bömmel-Wegmann, Jürgen Zentek, Nadine Paßlack	Assessing the functional and metabolic effects of feeding Garra fish meal to broiler chickens - Awot Mebratu, Yohannes Asfaw, Geert Janssens	Effects of coprophagia in digestibility parameters and fecal fermentation products in dogs - Victória Z Gomes, Vivian Pedrinelli, Gustavo L Anastácio, Vanessa A Ochamoto, Lucas Henriquez et al.
16:45	Short-chain fatty acid content and absorption in the proximal colon of growing pigs fed a high or low fermentable fibre source - Eva-Maria Saliu, Johannes Schulze Holthausen, Jürgen Zentek	Inclusion of malt extract in the diet and intestinal variables of healthy adult dogs - Lucas Henríquez, Mariana Rentas, Rafael Zafalon, Mariana Perini, Larissa Risolia, Roberta Rodrigues et al.	Metabolomic analysis reveals the influence of biomarkers present in feline obesity on the evolution of other diseases - Ana Fasolai, Mariana Rentas, Larissa Risolia, Rafael Zafalon, Thiago Vendramini, Marcio A. Brunetto
17:00	Evaluation of the effect of different dietary lipid sources on clinical findings and dogs' faecal microbial population - Alessandro Vastolo, Jonathan Riedmüller, Monica Isabella Cutrignelli, Jürgen Zentek	Glucose and insulin post-prandial responses of dogs fed kibble diets with pea flour - Juliana L Frias, Livio Penazzi, Mariana G Pescuma, Eloise C de Ramos, Stephanie S Theodoro, Aulus C Carciofi	Characterization of serum metabolome in cats with chronic kidney disease stages 1 and 2 before and after renal diet - Bruna Ruberti, Daniela Machado, Cristiana Pontieri, Juliana Jeremias, Thiago Vendramini, Marcia Kogika et al.
17:15	High digestible diet with higher cobalamin and prebiotic content improves serum cobalamin and digestibility of dogs with exocrine pancreatic insufficiency but did not improve dysbiosis and gut permeability - Vinicius Vasques de Oliveira, Fabio Teixeira, Patricia Ishii, Rafael S. Oliveira, Barbara S.L.E.L. Codeas, Andressa Amaral et al.	Impact of a maternal supplementation with the probiotic yeast <i>Saccharomyces cerevisiae boulardii</i> CNCM I-1079 on milk composition and puppies health - Quentin Garrigues, Sylvie Chastant, Hanna Mila and Emmanuelle Apper	In-vitro evaluation of the immune response to food allergens in dogs - Elena Pagani, Maurizio Mattei, Rosella Cicconi, Martina Serra, Chiara Guglielmetti, Maria Mazza et al.
18:00 – 19:30	AGM ECVCN - Members only		

Hour	WEDNESDAY, 07.09.2022		
9:30	Plenary: Prof. Ellen Dierenfeld, PhD - "Domestic animals versus wildlife and zoo species - differences and similarities: comparative considerations" Room 033 Aula - Chair: Annette Liesegang sponsored by: 		
10:30	Coffee Break		
Hour	Stream A in Room 033 Aula	Stream B in Room 001	Stream C in Room 102
10:45	<u>Session A3. Exotics</u> Chair: Marcus Clauss	<u>Session B3. Small Animals</u> Chair: Myriam Hesta sponsored by: 	<u>Session C3. Equine</u> Chair: Ellen Kienzle
10:45	Survey on feeding practice of <i>Xenopus laevis</i> kept as laboratory animals <i>- Linda Böswald, Dana Matzek, Bastian Popper</i>	In vitro dry matter digestibility of rat carcasses and tissues as a clue for prey-based feline diets <i>- Mengmeng Sun, Annelies De Cuyper, Renjie Yao, Geert Janssens</i>	Peer Assisted Learning in Flipped Classroom Approach in Equine Nutrition: Making it Work <i>- Edlira Muca, Federica Raspa, Damiano Cavallini, Domenico Bergero, Emanuela Valle</i>
11:00	Management of anteater (<i>Myrmecophaga tridactyla</i>, <i>Tamandua tetradactyla</i>) nutrition in European zoological institutions <i>- Johanna Steinecker-Quast, Christine Osmann, Annette Liesegang</i>	Required study length for in-home acceptance and preference testing of cat foods <i>- Evelien Bos, Wouter Hendriks, Bonne Beerda, Guido Bosch</i>	Metabolic adaptation for the evaluation of sports performance in horses intended for equestrian disciplines - Alice Senes, Andrea Podda, Eliana Carboni, Giovanni Paolo Biggio, Raffaele Cherchi, Ignazio Cossu et al.
11:15	Metabolic response of tambaqui fish (<i>Colossoma macropomum</i>) to graded dietary levels of sugar beet pulp <i>- Awot Teklu Mebratu, Leilani Vanhandsaeme, Johannes Tekle Asfaw, Wouter Merckx, Marleen De Troch, Geert Janssens</i>	Serum concentration of cytokines and antioxidative parameters of cats fed diets with chicken protein hydrolysate - Eloise Cristina de Ramos, Letícia Grazielle Pacheco, Lucas Bassi Scarpim, Camila Goloni, Mariana Gilbert Pescuma, Juliana Lopes Frias et al.	Survey of feeding practices among owners of horses with pituitary pars intermedia dysfunction <i>- Nicolas Galinelli, Nicholas Bamford, Patricia Harris, Simon R. Bailey</i>

11:30	<p>Comparative analyses do not provide clues for the function of the muroid forestomach - Natalie Steiner, Maria José Duque-Correa, Carlo Meloro, Marcus Clauss</p>	<p>Overweight versus lean cats and the feline transcriptome in white adipose and skeletal muscle tissue - Brigitta Wichert, Rahel Rigotti, Daniel Brugger, Diana Frey, Bianca Waud, Annette Liesegang</p>	<p>Back and Neck Posture of Ponies when Feeding from a Haynet according to Body Morphology - Federica Raspa, Angela Roggero, Claudia Palestrini, Pat Harris, Adrea Dorothea Ellis, Domenico Bergero et al.</p>
11:45	<p>Starch or fat intake effects on digestibility, fermentation products, body composition and energy metabolism of red-footed Tortoises - Ludmilla Geraldo Di Santo, Letícia Grazielle Pacheco, Amanda Vitta-Takahashi, Isaura Cerdan, Lucas Braos, Camila Goloni et al.</p>	<p>Specific bioactive collagen peptide (BCP) intake improves gait in canine osteoarthritis - Linda Böswald, Sven Reese, Jutta Hugenberg, Stefanie Stigmeier-Raith, Lukas Trillig, Steffen Oesser et al.</p>	<p>Two cases of excessive selenium content in Bavarian hay for horses without serious clinical signs of Se-intoxication - Marion Agnes Schmitz, Linda Böswald, Carmen Klein, Christina Pankratz and Ellen Kienzle</p>
12:00	-	-	<p>Effect of hay steaming on the estimated pre-caecal digestibility of crude protein and selected essential amino acids in horses Caroline Pisch, Maren Glatter, Monika Wensch-Dorendorf, Uwe Schwarzenbolz, Thomas Henle and Annette Zeyner</p>
12:15	<p>LUNCH – sponsored by: iPet.ch GmbH</p> 		
13:15	Poster #	<p>PARALLEL POSTER SESSION: Guided Poster Session 2 – Chair: Cecilia Vilaverde</p>	
13:15	# 19	<p>Can the osteopath's perception reflect a change in the dog's digestive microbiota? - Tiphaine Blanchard, Amélie Wieczorek, Marie-Luce Chemit, Mariam Godde, Anne Fillias, Séverine Deretz et al</p>	
13:19	# 20	<p>Fecal microbiota of obese and lean dogs, and the effect of caloric restriction - Carla Giuditta Vecchiato, Stefania Golinelli, Carlo Pinna, Giacomo Biagi, Rachel Pilla, Jan S. Suchodolski et al.</p>	
13:23	# 21	<p>Impact of a mid-distance race on the faecal microbiota in sled dogs: preliminary study - Valérie Jergeay, Rachel Fajnzilberg, Jean-Luc Hornick, Georges Daube, Bernard Taminiau, Marianne Diez</p>	

13:27	# 22	Influence of intake time of prebiotics on fecal microbiota in adult dogs - <i>Mariana Pamplona Perini, Mariana Fragoso Rentas, Rafael Zafalon, Lucas Henriquez, Thiago Vendramini, Raquel Silveira Pedreira et al.</i>
13:31	# 23	Can Feecal Transplant be a viable tool in the joint dietary treatment of canine IBD? A case report from 2018 to 2021 - <i>Maria Grazia Cappai, Alessio Settembrino, Michela Corte, Andrea Galvagni, Tommaso Furlanello</i>
13:35	# 24	Drying homogeneity, moisture content, and water activity of kibbles of different sizes at three conveyor speeds of the dryer - <i>Nayara M. M. Soares, Renata B. M. S. Souza, Taís S. Bastos, Gislaine C. B. Kaelle, Camilla M. M. Souza, Simone G. Oliveira et al.</i>
13:39	# 25	Serum metabolomic profile of healthy adult dogs fed a plant- or animal-based diet for three months - <i>Sarah Dodd, Cate Dewey, Deep Khosa, Jennifer Adolphe, David Ma, Adronie Verbrugghe</i>
13:43	# 26	Evaluation of declaration and microbiological quality of organic canned and raw cat foods in Austria - <i>Andrea Kogler, Gabriele Flekna, Christine Iben, Stefanie Handl</i>
13:47	# 27	Chewing behaviour of dogs fed either kibble, canned or homemade diets – a pilot study - <i>Annegret Lucke, Alexandra Bartisch, Qendrim Zebeli</i>
13:51	# 28	Starch to protein ratio and moisture content of the food influence water balance and urine supersaturation for calcium oxalate and struvite in cats - <i>Maria Eduarda Tozato, Stephanie Souza Theodoro, Leticia Warde Luis, Pablo Costa, Camila Goloni, Fernanda Mendonça et al.</i>
13:55	# 29	Nutritional characteristics of different varieties of Maca (<i>Lepidium meyenii</i> Walp.) - <i>Alessandro Vastolo, Dieudonne Kiatti, Monica Isabella Cutrignelli, Francesca Ciani, Simona Tafuri, Serena Calabrò</i>
13:59	# 30	Seasonal variation in morphological parameters of <i>Apis mellifera ligustica</i> foragers in a southern temperate climate - <i>Stephane Knoll, Valeria Fadda, Fahad Ahmed, Walter Pinna, Antonio Varcasia, Antonio Scala et al.</i>
14:03	# 31	Hypocholesterolaemia in a dog: when the nutrition helps in the diagnosis of hypoadrenocorticism - <i>Eleonora Fusi and Jari Zambarbieri</i>
14:07	# 32	Use of an automatic feeder to decrease bothersome soliciting behaviour associated with feeding in a cat: a case report - <i>Marie Francesca Menniti, Myriam Hesta</i>
14:11	# 33	Dietary management of a dog with hepatic enzymopathy suspected to be secondary to copper-associated hepatitis - <i>Francisco Poblanno Silva, Caitlin Grant, Erico Ribeiro, Adronie Verbrugghe</i>
13:15	Poster #	PARALLEL POSTER SESSION: Guided Poster Session 3 – Chair: Emanuela Valle
13:15	# 34	Effects of a rye-based compound feed on <i>Salmonella</i> prevalence in gilts - <i>Isabell Hollmann, Volker Wilke, Juhle Buch, Christian Visscher</i>

13:19	# 35	Effects of dietary inclusion of rye for fattening turkeys on growth performance, litter quality and foot pad health - Amr Abd El-Wahab, Volker Wilke, Richard Grone, Andreas von Felde, Christian Sürle, Christian Visscher
13:23	# 36	Fatal poisoning with Rhamnus alaternus in two heifers - Tiphaine Blanchard, Bénédicte Garapin, François Schelcher, Fabien Corbière, Nathalie Priymenko
13:27	# 37	Impact of feed additives and host-related factors on bacterial metabolic activity, and immunological traits in the caecum of broilers - Yada Duangnumswang, Farshad Goodarzi Boroojeni, Wilfried Vahjen, Joan Tarradas, Enric Esteve-Garcia, Antton Alberdi et al.
13:31	# 38	Comparative survey of ruminant rations in zoological parks in France - Flore Viallard, Anaïs Bedué and Sébastien Lefebvre
13:35	# 39	Chemical and physical characteristics of two fibre sources influence performance and nutrient digestibility in growing pigs - Eva-Maria Saliu, Johannes Schulze Holthausen, Jürgen Zentek
13:39	# 40	Sows' preference for fibre-rich feedstuffs and the impact of fibre particle size on feed intake duration, faecal consistency and short-chain fatty acids in faeces from sows - Eva-Maria Saliu, Johannes Schulze Holthausen, Jürgen Zentek
13:43	# 41	Effect of feeding fermented rice bran by rumen liquor on the growth performance of broiler - Muhammad Ashiqul Alam, Md. Shahidur Rahman Khan, Khan Md. Shaiful Islam
13:47	# 42	Particle size distribution in commercial pig compound feeds in Switzerland - Manuela Bertsch, Melissa Terrano, Michael Kreuzer, Marcus Clauss
13:51	# 43	Effect of pony morphology and hay feeding method on hay intake rate - Clara Bordin, Federica Raspa, Angela Roggero, Claudia Palestrini, Damiano Cavallini, Pat Harris et al.
13:55	# 44	Zinc status of horses and ponies: Relevance of health, horse type, sex, age and test material - Sarah van Bömmel-Wegmann, Heidrun Gehlen, Ann-Kristin Barton, Kathrin Büttner, Jürgen Zentek, Nadine Paßlack
13:59	# 45	Alfalfa hay - an alternative forage to meadow hay for horses - Marlene Köninger, Astrid von Velsen-Zerweck, Carolin Eiberger, Annette Jilg, Anja Töpfer, Christian Visscher et al.
14:03	# 46	Revision of energy evaluations in horse feeds from Gross Energy to Metabolizable Energy - Christina Pankratz, Ellen Kienzle
14:07	# 47	Practical investigation of the energy needs for weight loss and maintenance energy requirement after weight loss in obese dogs - Fabio A Teixeira, Vivian Pedrinelli, Mariana Y H Porsani, Ana B Fasolai, Brana S A Bonder, Marcio A Brunetto
14:15	Coffee Break	

Hour	Stream A in Room 033 Aula	Stream B in Room 001	Stream C in Room 102
14:45	<u>Session A4. Energy</u> Chair: Brigitta Wichert	<u>Session B4. Livestock</u> Chair: Anne Mösseler	<u>Session C4. Clinical Cases</u> Chair: Adronie Verbrugghe
14:45	Effect of stimulated activity on energy requirements for weight loss during weight loss protocol in overweight and obese dogs - Diana Brozić, Joke Monteny, Camila Baptista Da Silva, Marie-Céline Hottat, Amber Hillaert, Myriam Hesta	The effect of glutamine supplementation, birth weight and age on the dominant microbiota in the jejunum of suckling piglets - Johannes Schulze Holthausen, Quentin Leon Sciascia, Johannes Schregel, Zeyang Li, Sandro Andreotti, Wilfried Vahjen et al.	Nutritional management of an overweight dog with paroxysmal dyskinesia, chronic pancreatitis and calcium oxalate urolithiasis - Camila Baptista da Silva, Michelle Hermans, Norberto Ruiz Suárez, Fien Verdoodt, Sofie F M Bhatti, Myriam Hesta
15:00	Inflammatory and antioxidant status of obese and lean dogs, and the effect of caloric restriction - Carla Giuditta Vecchiato, Stefania Golinelli, Giacomo Biagi, Asta Tvarijonaviciute, Camila Peres Rubio, Elisa Dorato et al.	In vitro short chain fatty acid production from pig fecal bacteria when using pre-digested wheat and rye as substrates - Clara Berenike Hartung, Christian Visscher, Richard Grone, Michael Wendt and Marius Vital	Suspected aluminium poisoning in dairy cows - Justine Eppe, Salem Djebala, Frédéric Rollin and Hugues Guyot
15:15	Body Composition and energy expenditure of obese dogs on weight loss programs fed diets with different amino acid profiles - Leticia Luis, Camila Goloni, Maria Eduarda Tozato, Mariana Monti, Leticia Pacheco, Aulus Carciofi et al.	Evaluation of dietary curcumin nanospheres on growth, meat quality and health status of growing to finishing pigs - Mohammad Moniruzzaman and Taesun Min	Case report: homemade diet for a Dalmatian dog with dilated cardiomyopathy - Annegret Lucke, Brigitta Wichert, Annette Liesegang
15:30	Doubly Labelled Water and 13C-Bicarbonate techniques to estimate energy expenditure in adult and old dogs - Ariel de Castro, Letícia Grazielle Pacheco, Camila Goloni, Aulus Cavalieri Carciofi	Impact of dietary organic acids and botanicals on milk and biochemical parameters in late-lactation goats - Andrea Giorgino, Federica Raspa, Emanuela Valle, Domenico Bergero, Damiano Cavallini, Marta Gariglio et al.	Chronic grass sickness in a pony: what if nutritional management was a success? - Marie-Céline Hottat, Alexander Dufourni and Myriam Hesta
15:45	Effects of supplemental choline or L-carnitine on lipid profiles, body composition, energy expenditure and respiratory quotient in lean and obese cats during weight maintenance - Alexandra Rankovic, Shoshana Verton-	The effects of microplastics on the ruminal metabolome ex vivo - Julia Eichinger, Nida Amin, Sylvia Kuenz, Felix Eckel, Cordt Zollfrank, Wilhelm Windisch et al.	Dietary management of adult dogs with apparent low maintenance energy requirement – A case series - Erico M Ribeiro, Adronie Verbrugghe, Francisco M

	<i>Shaw, Julia Guazzelli Pezzali, Anna Kate Shoveller, Marica Bakovic, Gordon Kirby et al.</i>		<i>Poblanno Silva and Caitlin Grant</i>
16:00	The effect of starch to protein ratio in energy expenditure, body composition, and physical activity are different in neutered and intact, non-obese male cats <i>- Camila Goloni, Letícia Grazielle Pacheco, Luis Letícia Warde, Stephanie Souza Theodoro, Lucas Bassi Scarpim, Ariel de Castro et al.</i>	Effect of Bakery's yeast fermented de-oiled rice bran on the performance of broiler <i>- Nazmul Islam, Abdullah Al Sufian Shuvo, Mst. Azrin Nahar, Khan Md. Shaiful Islam, A.K.M.Ahsan Kabir</i>	β-glucan skin adverse effects in dogs with inflammatory bowel disease <i>- Andressa Amaral, Mariana Fragoso Rentas, Marcio A. Brunetto</i>
16:30 – 18:00	AGM ESVCN - Members only		
19:00	GALA DINNER - GRAND CASINO BASEL – only if you registered for it		
Hour	THURSDAY, 08.09.2022		
10:00	Plenary: Prof. Dr. Jürgen Zentek – "Gastrointestinal microbiome, immune system and animal health - findings, speculations and questions" Room 033 Aula - Chair: Ronald Corbee sponsored by:		
			
11:00	Coffee Break		
11:15	Stream A in Room 033 Aula <u>Session A5. Microbiome</u> Chair: Marianne Diez sponsored by:		
			
11:15	Dietary fibre in sows and its impact on gut microbiota and pathogen colonisation in the offspring - <i>Łukasz Grześkowiak, Wilfried Vahjen, Jürgen Zentek</i>		
11:30	Effects of dietary rye and rapeseed on the apparent digestibility of NSP and composition and metabolic activity of microbiota in the colon of weaner pigs - <i>Carola Ellner, Jürgen Zentek</i>		
11:45	Impact of a pre-/probiotic combination and parent stock vaccination on intestinal microbiota and bacterial metabolism in Escherichia coli challenged broilers <i>- Laura Fuhrmann, Wilfried Vahjen, Jürgen Zentek, Ronald Günther, Eva-Maria Saliu</i>		

12:00	<p>Supplementation of a new combination of pre- and postbiotics to mitigate immunosenescence biomarkers and modify faecal microbiota of old dogs</p> <p>- Wendy Wambacq, Emmanuelle Apper, Cindy Le Bourgot, Yang Lyu, Bjo Pelst, Bart Broeckx et al.</p>
12:15	<p>Effects of oregano essential oil and yeast cell wall on faecal microbiota and intestinal metabolites in dogs</p> <p>- Nayara M. M. Soares, Renata B. M. dos S. Souza, Taís S. Bastos, Gislaine C. B. Kaelle, Camilla M. M. Souza, Simone G. Oliveira et al.</p>
12:30	<p>Differences in gut microbiota composition and evolution between low- and normal- birth-weight puppies over the first two months of life</p> <p>- Quentin Garrigues, Emmanuelle Apper, Sylvie Chastant, Hanna Mila, Ana Rodiles</p>
12:45	<p>Closing: Society News and Awards</p>

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