

PhD course – Advances in small animal gastroenterology (1 credit)

Helsinki, 06.-07.06.2011, Viikki Campus, University Small Animal Hospital, Paatsama lecture hall

Mo. 06.06.2011

Function tests and Biomarkers		
Time	Speaker	Topic
09:00 – 09:05	Spillmann	Welcome and introduction
09:05 – 09:50	Frias	Principles and assessment of intestinal permeability
09:50 – 10:10	Hang	Fecal volatile fatty acid profile and calprotectin in canine food induced diarrhea
10:10 – 10:40	Coffee brake	
10:40 – 11:20	Rajamäki	The role of matrix metalloproteinases and their inhibitors in inflammation
11:20 – 12:00	Mäkitalo	Tissue matrix metalloproteinases in human inflammatory bowel diseases
12:00 – 13:00	LUNCH	
Advanced imaging techniques		
13:00 – 13:50	Halttunen	Endoscopic retrograde cholangiopancreatography (ERCP) in humans – diagnostic and therapeutic possibilities
13:50 – 14:40	Spillmann	ERCP in dogs and cats – where are we now?
14:40 – 15:30	Alander	Near infrared spectroscopy (NIRS) – tomography with light
15:30 – 15:50	Luukkainen-Soilu	NIRS for optic biopsy of the gastric and duodenal wall in healthy dogs
16:00	Get together and refreshments	

Tue: 07.06.2011

Intestinal microbiota from the human and veterinary perspective		
Time	Speaker	Topic
08:15 – 09:10	De Vos	Molecular analysis methods of intestinal microbiota – the healthy human
09:10 – 10:00	Suchodolski	Intestinal microbiota in healthy dogs and cats
10:00 – 10:30	Coffee brake	
10:30 – 11:15	Lyra	Human irritable bowel syndrome and alteration in intestinal microbiota
11:15 – 12:00	Suchodolski	Canine inflammatory bowel disease and alterations in intestinal microbiota
12:00 – 13:00	LUNCH	
13:00 – 13:30	Rinttilä	Effect of dietary induced diarrhea on microbial diversity in healthy dogs
13:30 – 14:00	Suchodolski	Effect of tylosin on microbial diversity in healthy dogs
14:00 – 14:30	Kilpinen	Effect of tylosin on cultured Enterococcus spp. and lactic acid bacteria in dogs with tylosin responsive diarrhea
14:30 – 15:00	Spillmann	Summary