

# CPH Pig webinar January 28<sup>th</sup>, 2021

9.00 – 15:30

Zoom-meeting at <https://ucph-ku.zoom.us/j/66220100679>

Check-in at Zoom 8:30 - 9:00



Time	Presenter	Title
9:00-9:10	<b>Jens Peter Nielsen</b> <i>Professor, IVH</i>	Welcome
<b>KEY NOTE LECTURES</b>		<b>Chair: Jens Peter Nielsen</b>
9:10-9:30	<b>Anette Bøtner</b> <i>Professor, IVH</i>	Classical Corona virus infections (PED, TGE, PRCV) - Importance, epidemiology and control
9:30-9:50	<b>Graham Belsham</b> <i>Professor IVH</i>	Infectivity of new SARS-CoV-2 in pigs - Surveys, inoculation experiments, diagnosis
9:50-10:10	<b>Lars Erik Larsen</b> <i>Professor, IVH</i>	How do we avoid a "mink situation" in Danish pig production
10:10-10:20	<b>Discussion</b>	
10:20-10:40	<b>MORNING BREAK</b>	
<b>Session 1:</b>	<b>TRANSCRIPTOMICS AND GENETICS</b>	<b>Chair: Anders Miki Bojesen</b>
10:40-10:55	<b>Andrew Williams</b> <i>Associate professor, IVH</i>	Modulatory effects of diet and infection on intestinal transcriptomic responses
10:55-11:10	<b>Emil Ibragimov</b> <i>PhD student, IVH</i>	Identification of diarrhea-associated genes, using a random forest based phenotype classification
11:10-11:15	<b>Discussion</b>	
<b>Session 2:</b>	<b>PIGLETS BEFORE WEANING</b>	<b>Chair: Anni Øyan Pedersen</b>
11:15-11:30	<b>Charlotte Amdi Williams</b> <i>Associate professor, IVH</i>	Increasing enzyme activity and gut maturation in piglets
11:30-11:45	<b>Anders Brunse</b> <i>Post doc, IVH</i>	Microbiota transplantation strategies to improve neonatal gut health
11:45-12:00	<b>Ole Bæk</b> <i>PhD student, IVH</i>	Immune development in growth restricted piglets fed milk over vegetable fat
12:00-12:30	<b>LUNCH</b>	
<b>Session 3:</b>	<b>POST-WEANING DIARRHEA</b>	<b>Chair: Jens Peter Nielsen</b>
12:30-12:45	<b>Julie Lynegaard</b> <i>PhD student, IVH</i>	Effects of a very low protein diet post-weaning on antibiotic treatments, growth performance and intestinal transcriptomics
12:45-13:00	<b>Esben Østergaard Eriksen</b> <i>PhD student, IVH</i>	Risk factors and infection dynamics of post-weaning diarrhea in pigs weaned without zinc

<b>13:00-13:15</b>	<b>Prabha Subramani</b> <i>Phd student, IVH</i>	Point-of-care-testing for ETEC diarrhea based on loop-mediated isothermal amplification
<b>13:15-13:30</b>	<b>Malene Kjelin Morsing</b> <i>PhD student, IVH</i>	Neomycin treatment of ETEC diarrhea based on microbiological point-of-care-testing
<b>13:30-13:45</b>	<b>Egle Kudirkiene</b> <i>Post doc, IVH</i>	Antibiotic resistance development following individual and batch treatment with Neomycin
<b>13:45-14:00</b>	<b>AFTERNOON BREAK</b>	
<b>Session 4:</b>	<b>POST-WEANING HEALTH</b>	<b>Chair: Björn Forkman</b>
<b>14:00-14:15</b>	<b>Juan Miguel Peralvo Vidal</b> <i>PhD student, IVH</i>	The eating behavior of weaner pigs with and without gastric ulceration
<b>14:15-14:30</b>	<b>Kristiane Barington</b> <i>Assistant professor, IVH</i>	Necropsy findings as a tool for health monitoring in weaner pigs
<b>14:30-14:35</b>	<b>Discussion</b>	
<b>Session 5:</b>	<b>UMBILICAL OUTPOUCHINGS INCLUDING HERNIA</b>	<b>Chair: Henrik Elvang Jensen</b>
<b>14:35-14:50</b>	<b>Trine Hovmand</b> <i>PhD student, IVH</i>	Survival of pigs with different characteristics of umbilical outpouching
<b>14:50-15:05</b>	<b>Marie-Louise Hansen</b> <i>PhD student, IVH</i>	Prevalence of umbilical outpouchings in farrowing and weaning stable
<b>15:05-15:20</b>	<b>Inge Larsen</b> <i>Assistant professor, IVH</i>	Effect of autogenous vaccine and hygiene interventions on umbilical outpouchings
<b>15:20-15:25</b>	<b>Discussion</b>	
<b>15:25-15:30</b>	<b>Jens Peter Nielsen</b> <i>Professor, IVH</i>	Concluding remarks

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