Special Seminar: Visiting Proteomics Researchers

Proteomic Insight into Inflammation – From Gut to Brain.

Dr Stensballe heads the Translational Biomarker research unit at Aalborg University in Denmark. His work focuses on applied omics for investigating triggers of autoimmune diseases and inflammatory mechanisms. He will summarize the key proteomics technologies to investigate and unravel the molecular mechanisms of multiple disorders, proteomics approaches to improve clinical applications of biobank material such as preserved tissue, biofluids and protein saver card clinical samples. Technologies for deep proteome analysis and molecular imaging will be presented followed by examples of our research into disease pathology in a Gut-to-Brain context. This talk will address the use of piglets as translational model to prematurely born neonates.

Dr. Allan Stensballe

Investigating Potential Biomarkers of Neonatal Sepsis and Necrotizing Enterocolitis in Preterm Infants

Azra is a PhD student at Aalborg University in Denmark. Her work focuses on biomarker discovery in neonatal sepsis and necrotizing enterocolitis by the use of proteomics. She will highlight the approaches in biomarker discovery in preterm infants and how piglets are used as experimental models in the research of preterm birth and the complications that follow. She will highlight potential treatment options for the prevention of neonatal sepsis and necrotizing enterocolitis.

Azra Karamehmedovic

Monday 23rd September, 2019

12:30 pm-1:30 pm (no lunch provided)

Harry Perkins (North)
Seminar Room 612a

NB# external guests without a Perkins access card will need to sign in at the concierge desk

Please send this invitation to other researcher who may be interested
Contact: Dr Andrew Currie, a.currie@murdoch.edu.au

HARRY PERKINS INSTITUTE OF MEDICAL RESEARCH

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