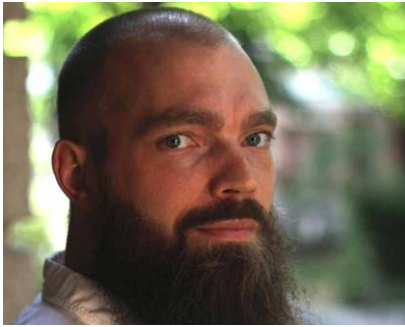


iSEQ lunch seminar series

Wednesday 10 February 2016 at 12.00 – 13.00



Ulf Andersson Ørum

Max Planck Institute for Molecular Genetics, Berlin.

Talk:

Long ncRNAs as activators of transcription.

Abstract:

Long noncoding RNAs are processed transcripts resembling mRNAs that do not code for proteins and several functions have been reported. Long non-coding RNAs have been shown to mediate enhancer function and we are addressing systematic ways to identify such activating long non-coding RNAs. We use tissue-specific enhancer-prediction tools to show that a large fraction of long non-coding RNAs associate with active enhancers, and demonstrate a specific histone modification signature of enhancers expressing long non-coding RNAs. We are extending these studies in breast cancer cells and have identified several examples of activating long non-coding RNAs, one of these regulating the protein-coding gene DKK1 important for development and involved in breast cancer.

Venue:

Merete Barker Auditory, The Lakeside Theatres, Aarhus University, Bartholins Allé 3, 8000 Aarhus C.

Refreshments:

Sandwiches will be provided. Therefore, please email Anne Hedemand (anne@biomed.au.dk) no later than 8 February 2016, if you would like to participate.