WELCOME SYMPOSIUM

"Chromatin Mechanisms in Neurodevelopment and Brain Disorders"

FRIDAY 3 MAY
11:00-13:00
AIAS, Bldg. 1632
Aarhus University

Prof. Kyung Min Noh
New Professor at Dept. of Biomedicine

Currently EMBL Group Leader in Heidelberg

Abstract:

My group aims to elucidate chromatin regulatory processes and intertwined gene expression programs in the context of neurodevelopment and brain disorders. Chromatin, consisting of DNA and histone proteins, is the physiological form of our genome and the substrate for multifaceted epigenetic processes.

Chromatin, consisting of DNA and histone proteins, is the physiological form of our genome and the substrate for multifaceted epigenetic processes. Chromatin regulation offers an intriguing mechanism to initiate, stabilize, maintain, and propagate gene expression states across cellular development and in response to external stimuli, with profound implications for human health and disease.

In this symposium you will meet newly appointed Professor, Kyung Min Noh and her group.

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Programme:

11.00-11.30 **Presentation by Kyung Min Noh incl. discussion**

11.30-12.00 **3 minutes presentation of posters by Noh Group Members:**

1. Umut Yildiz
"Functional dissection of schizophrenia risk genes using single-cell CRISPR screens"

2. Thomas Dahlet
"Exploring the role of the chromatin remodeler ATRX during neurodevelopment"

3. Víctor Campos Fornés
"Re-wiring of KRAB-ZNF-TE regulatory networks in response to stimulation in human neurons"

4. Jennifer Heck
"Subcellular spatial omics to resolve local regulatory mechanisms of neuronal function and pathology"

12.00-13.00 **Poster session and sandwich in the Main Hall**