



Ministry of Science and ICT

23rd Korea-Nordic LINC Workshop

Epigenetic regulation in cardiovascular and cerebrovascular disease

Date

August 13, 2025

Venue

First floor Meeting Room, Skou Building,
Aarhus University

Host Scientists

Goo Taeg Oh (Ewha Womans University)
Kyung-Min Noh (Aarhus University)

KNTEC

Korea-Nordic Science & Technology Cooperation Center



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Epigenetic regulation in cardiovascular and cerebrovascular disease

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Invited speakers

| | |
|----------------------|------------------------|
| Goo Taeg Oh | Ewha Womans University |
| Tae-Young Roh | Ewha Womans University |
| Seon Ah Lim | Ewha Womans University |
| Jae-Hoon Choi | Hanyang University |
| Kyung-Min Noh | Aarhus University |
| Anna Mathia Klawonn | Aarhus University |
| Dong Won Thomas Kim | Aarhus University |
| Robert A. Fenton | Aarhus University |
| Joanna Maria Kalucka | Aarhus University |
| Vladimir Matchkov | Aarhus University |
| Eugenio Gutierrez | Aarhus University |

Korea-Nordic LINC Workshop

(Leaders Workshop for Research & Innovation Collaboration)

“Epigenetic regulation in cardiovascular and cerebrovascular disease”

August 13, 2025, Aarhus University, Denmark

| August 13 (Wednesday) | | |
|-----------------------|--|----------------------|
| 10:30-10:40 | Welcome introduction | GooTaeg Oh |
| 10:40-11:10 | Myeloid cell heterogeneity in the cardio-cerebrovascular disease | GooTaeg Oh |
| 11:10-11:30 | Dissecting the Good and Bad Effects of Dietary Potassium on Blood pressure | Robert A. Fenton |
| 11:30-12:00 | Unveiling the pathogenesis of lipid-driven cardiovascular diseases using transcriptome analysis | Jae-Hoon Choi |
| 12:00-12:20 | Brief presentation about the department and Aarhus University | Thomas G. Jensen |
| 12:20-13:30 | Lunch | |
| 13:30-13:50 | Immune-to-Brain Mechanisms of Affective State and Parkinson's Disease | Anna Mathia Klawonn |
| 13:50-14:10 | Sex Differences in Brain Hemodynamics, Behavior, and Gene Expression in Middle-Aged Mice | Eugenio Gutierrez |
| 14:10-14:40 | Epigenetic approaches for the discovery of cancer biomarkers and therapeutics | Tae-Young Roh |
| 14:40-15:00 | Mapping Neuroimmune Vulnerability in Alzheimer's Disease: A Whole-Brain 3D Imaging Approach | Dong Won Thomas Kim |
| 15:00-15:20 | Coffee Break | |
| | (T.B.A) | Claus Elsborg Olesen |
| 15:20-15:40 | Immunometabolic Reprogramming in Chronic Inflammatory Diseases: Lessons from Tumor Immunity with Implications for Cardiovascular Disease | Seon Ah Lim |
| 15:40-16:10 | DEFINING THE VASCULAR NICHE OF HUMAN ADIPOSE TISSUE ACROSS METABOLIC STATES | Joanna Maria Kalucka |
| 16:10-16:30 | Neurovascular coupling in health and disease | Vladimir Matchkov |
| 16:30-16:50 | Functional dissection of the disease-associated chromatin regulators using CRISPRi and single-cell multiomics | Kyung-Min Noh |
| 16:50-17:10 | Closing Remarks | Kyung-Min Noh |

19:00-21:30

Dinner