NanoLSI
WPI KANAZAWA UNIVERSITY

NanoLSI Open Seminar

“Alterations of CHD7 chromatin remodeling activity in human developmental disorders”

Mutation of the Chromo domain Helicase DNA-binding (CHD) 7 gene is the major cause of CHARGE syndrome, a developmental disorder which affects most organs. CHD7 mutations are also found in cancer. We previously provided data suggesting that CHD7 regulates gene expression by changing histone-DNA contacts, a process referred to as “chromatin remodeling”. Biochemical analyses allowed us to show and predict the impact of many CHARGE syndrome patient mutations on the enzymatic activity of CHD7. In this seminar, I will review some of these results and I will present our latest investigations towards identifying ways to restore CHD7 function in patients.

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Date and Time

3:00-4:00 PM, Wednesday, January 17, 2018

Venue

104 lecture room,

1F Natural Science and Technology Main Hall

金沢大学
KANAZAWA UNIVERSITY

【Sponsor】
Nano Life Science Institute (NanoLSI)

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