
The 207th iCeMS SEMINAR

Wed 6 Jul 2016
16:00-17:00

**Selective inhibition of the kinase DYRK1A
by targeting its folding process**

Lecturer: **Dr Isao Kii**

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Venue: 2nd Floor Seminar Room
iCeMS Main Building, Kyoto University

Autophosphorylation of amino-acid residues is part of folding process of various kinases. Conventional chemical screening has missed inhibitors that selectively interfere with the folding process. Here we report a folding intermediate-selective inhibitor of DYRK1A. Our study demonstrates that folding intermediates of kinases can be targeted by small molecules, and paves the way for developing novel types of inhibitors.

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