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# The 167<sup>th</sup> iCeMS SEMINAR

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**Fri 16 May 2014**  
**11:00-12:00**

## **A new, chromatin-mediated model for Hutchison-Gilford progeria syndrome**

Lecturer: **Dr Kohta Ikegami**  
Associate Research Scholar  
Lewis—Sigler Institute for Integrative Genomics  
Department of Molecular Biology  
Princeton University

Venue: Room 119  
Research Bldg No.1/Project Lab (#32)  
Kyoto University

The LMNA gene – the gene encoding nuclear lamina component lamin A – is home to over 20 genetic disorders including premature aging disease progeria. How defects in the lamina component cause the spectrum of phenotypes is as fascinating as it is enigmatic. I will present how our discovery that lamin A-chromatin interactions are disrupted in progeria-patient cells may redirect the therapeutic strategy for progeria.

**Contact:** iCeMS Carlton Group at [carlton-g@icems.kyoto-u.ac.jp](mailto:carlton-g@icems.kyoto-u.ac.jp)  
**Hosted by:** iCeMS (Institute for Integrated Cell-Material Sciences), Kyoto University

