



The 1st CDB Lecture

Benjamin Simons

University of Cambridge, UK

Monday, September 8, 2014

16:00~ C1F CDB Auditorium

Defining the strategies of stem cell self-renewal



We invite Prof. Benjamin Simons as the first lecturer for the CDB Lecture Series. Prof. Simons is a theoretician with research interests in both the physics of interacting quantum systems, and the application of statistical approaches to biologically-inspired problems in stem and developmental cell biology. He has introduced the stochastic model to understand the stem cell fate decision between self-renewal and differentiation, and profoundly influenced the field of stem cell biology and developmental biology through collaborative studies with many experimental biologists. He has held a faculty position at the Cavendish Laboratory in Cambridge since 1995, and is currently the Herchel Smith Chair in Physics. He is also an associate of the Wellcome Trust-CRUK Gurdon Institute.

Prof. Simons will introduce and discuss his theory and its applications using a few examples.

Host:

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