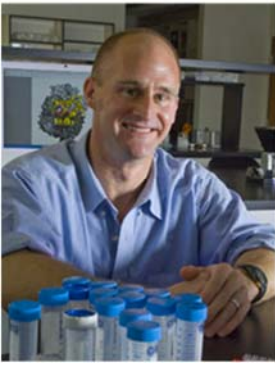


An Inspiring Inaugural Lecture by Honorary Professor Jay F. Storz

Friday December 1, 2017, at 11.00



Auditorium Jeppe Vontillius (Søauditorium), build. 1252-310

- 11.00-11.05 Welcome by Professor Hans Brix
11.05-11.15 Introduction by Professor Angela Fago
11.15-12.00 Lecture by honorary Professor Jay F. Storz

Causes of parallel molecular adaptation: insights from hemoglobin evolution in high-altitude animals

A fundamental question in evolutionary genetics concerns the extent to which adaptive phenotypic convergence is attributable to parallel changes at the molecular sequence level. This has important implications for understanding the inherent repeatability and predictability of molecular evolution. I will report a comparative analysis of hemoglobin function in high-altitude vertebrates to assess the extent to which replicated evolutionary transitions in biochemical phenotype involve parallel sequence changes. I will describe insights into mechanisms of biochemical adaptation and the causes of parallel molecular evolution.

- 12.00-13.00 Reception outside the auditorium