Genome Sciences Seminar

Wednesday, 10.3.18 | 1:30 | Foege Auditorium

Dr. Sten Linnarsson

Professor of Molecular Systems Biology
Karolinska Institute

"Architecture and development of the nervous system by single-cell transcriptomics"

The Linnarsson Lab

Our research focuses on single-cell biology, in particular applying single-cell expression analysis to discover the cell types and lineages of the mouse nervous system. The long-term goal of our research is to map the stable cellular states ('cell types') that mammalian organs are made of, and to understand the regulatory networks that induce and maintain them.

To achieve these goals, we have developed technologies for extremely sensitive and accurate detection of RNA in single cells. We use advanced molecular biology, large-scale DNA sequencing, microfluidics and imaging.

http://linnarssonlab.org/

Refreshments served outside the Auditorium at 3:20pm
Questions? Contact Brian Giebel at bgiebel@uw.edu or visit the Seminar website at http://www.gs.washington.edu/news/seminars.htm