

CPH Seminar in Precision Medicine

“Computational epigenetic methods to uncover driver genes for cell lineage specification”

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I will present recent progresses on the fundamental problem of how to systematically uncover the genes that determine the identity of a cell type. My group develops computational methods to address this problem on the basis of their bioinformatics investigation of epigenetic mechanisms that control cell identity. The scientific community will be able to use the bioinformatics toolkit developed in these projects to identify cell identity genes and their master regulator based on their unique chromatin features.

Friday, March 09, 2018. 12p – 1p. UCT.1414

