

SEMINAIRE BIOMARK

Gene Expression Analysis of single cells using the Biomark and Biomark HD system

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9H30 –10H30

SALLE DE CONFERENCE – CAMPUS INRA

CHEMIN DE BORDE ROUGE

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The analysis of individual cells allows us to understand heterogeneity in cellular populations otherwise masked by studying pooled cells in traditional mRNA and miRNA studies. Fluidigm's Dynamic Arrays along with the Biomark and Biomark HD systems allow for high throughput analysis of 96 gene targets from a single cell, in a cost effective and efficient manner. The nanoliter scale reaction volumes allow the user to consume very little material as well as precious reaction reagents and assays.

Single cell analysis has demonstrated it's relevance in areas of research such as cancer and cancer stem cell biology, developmental/embryonic research, and stem cell development and differentiation.

Fluidigm's nanofluidic solution to single cell gene expression analysis has made it an optimal choice for studying the complexity of cellular communication.

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Ce séminaire est ouvert à tous

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