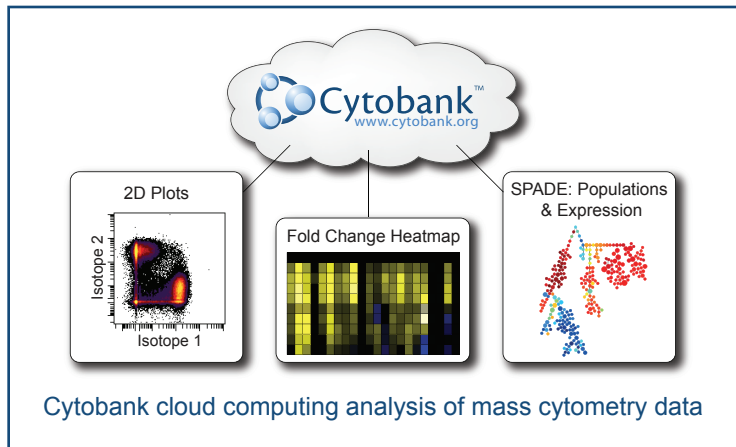


"We used single-cell 'mass cytometry' to examine healthy human bone marrow, measuring 34 parameters simultaneously in single cells ... such single-cell analyses provide system-wide views of immune signaling..."

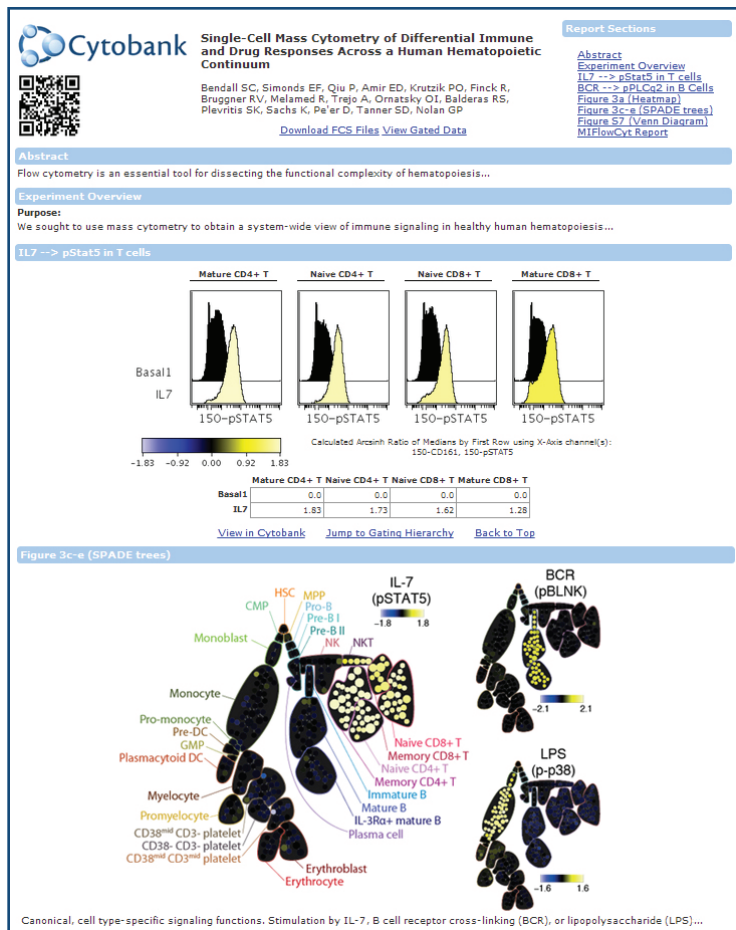
Bendall et al. *Science*. May 6, 2011.



## Mass cytometry

In a paper published this month in *Science*, Garry Nolan's lab at Stanford University reports the use of mass spectrometry based flow ('mass cytometry') and SPADE analysis to examine human bone marrow samples.

The team simultaneously measured 34 cellular parameters in each single cell – including 13 surface markers and 18 intracellular epitopes.



## Cytobank Reports: A new way to publish data

Cytobank<sup>TM</sup> Reports are a new feature on Cytobank<sup>TM</sup> that will soon enable users to "publish" their data and findings. Cytobank<sup>TM</sup> Reports will work together with existing flow cytometry data standards, including MIFlowCyt and ACS.

## View the mass cytometry report

The annotated data from the Nolan Lab mass cytometry paper are available as the first Cytobank<sup>TM</sup> Report.

## Download the data

Figures in a Cytobank<sup>TM</sup> Report are linked to illustrations and raw data files on Cytobank<sup>TM</sup>. With a Cytobank<sup>TM</sup> account, users can (re)analyze and interact with the data by clicking the "View in Cytobank" link below a figure in a Cytobank<sup>TM</sup> Report.

www.cytobank.org/nolanlab

