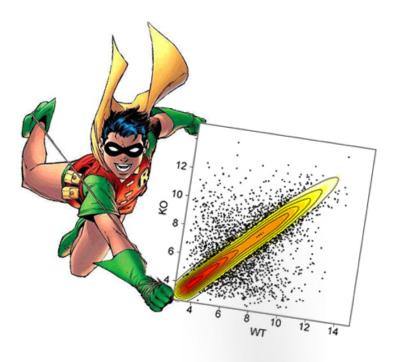# An introduction to R and Bioconductor:
A short course

Want to do real statistics and create figures?
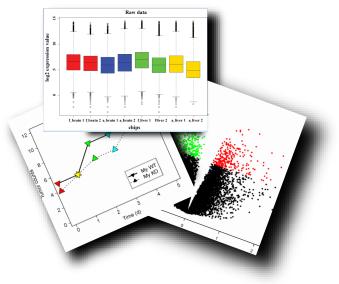**Got genome-wide expression data to analyze?**

One possible solution is to use the free R Project for Statistical Computing.
R has all the important statistical methods and tests, vastly exceeding Excel
for data analysis, visualization, and automation.

Bioconductor is a set of R packages for the analysis of high-throughput genomic data.
We'll look at a couple of these.

Each class will include an hour of lecture followed by an optional hour of hands-on practice.

Use one of our laptops or bring your own.
Reserve one by contacting Fran Lewitter
(lewitter@wi.mit.edu)

All classes start at 2 pm in the 6th floor conference room
Mon, Oct 3: Introduction to R*
Tues, Oct 4: Introduction to R Graphics*
Thurs, Oct 6: Introduction to Bioconductor -
microarray and RNA-Seq analysis
Feel free to come to one or all sessions.
Lecture notes and exercises will be posted on our Hot Topics page
http://iona.wi.mit.edu/bio/hot_topics/

BaRC Hot Topics

* Lecture similar to previous Hot Topics talk