

# **Preprocessing of cDNA microarray Data**

**Statistics 246, Spring 2002,  
Week 7, Lecture 2**

**Begin by looking at the data**

**Was the experiment a success?**

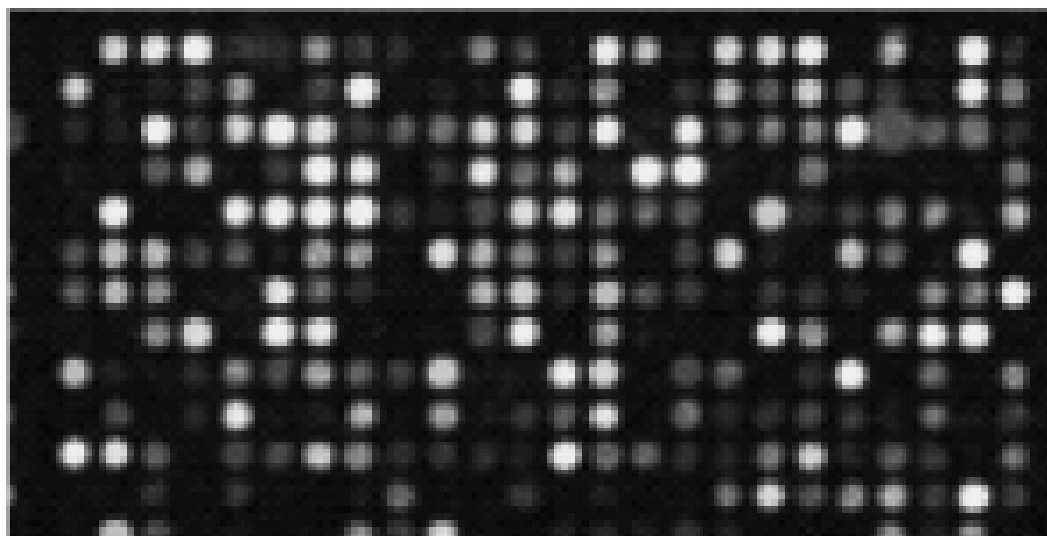
**What analysis tools should be used?**

**Are there any specific problems?**

## Red/Green overlay images

Co-registration and overlay offers a quick visualization, revealing information on color balance, uniformity of hybridization, spot uniformity, background, and artifacts such as dust or scratches

Good: low bg, lots of d.e.



Bad: high bg, ghost spots, little d.e.

