

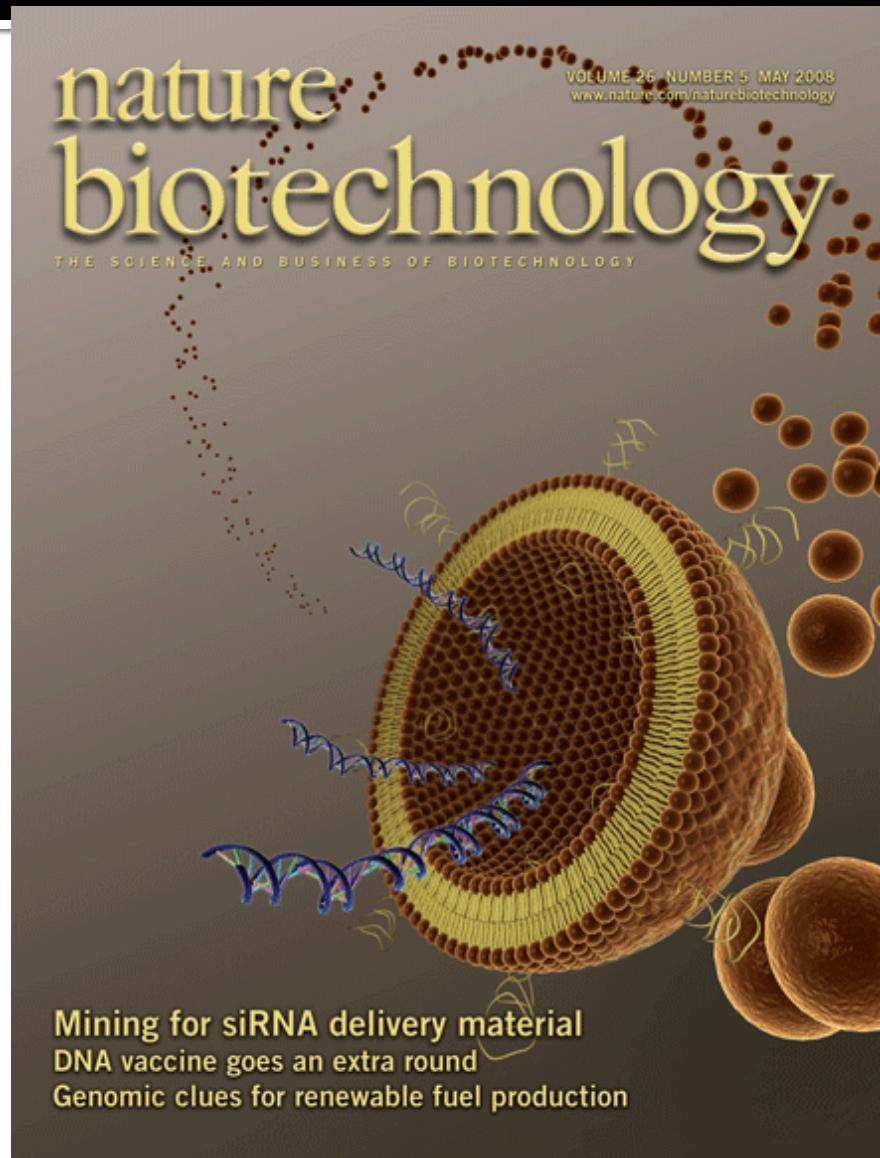
IP and Bioinformatics Interoperability Standards

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Origin of this Project

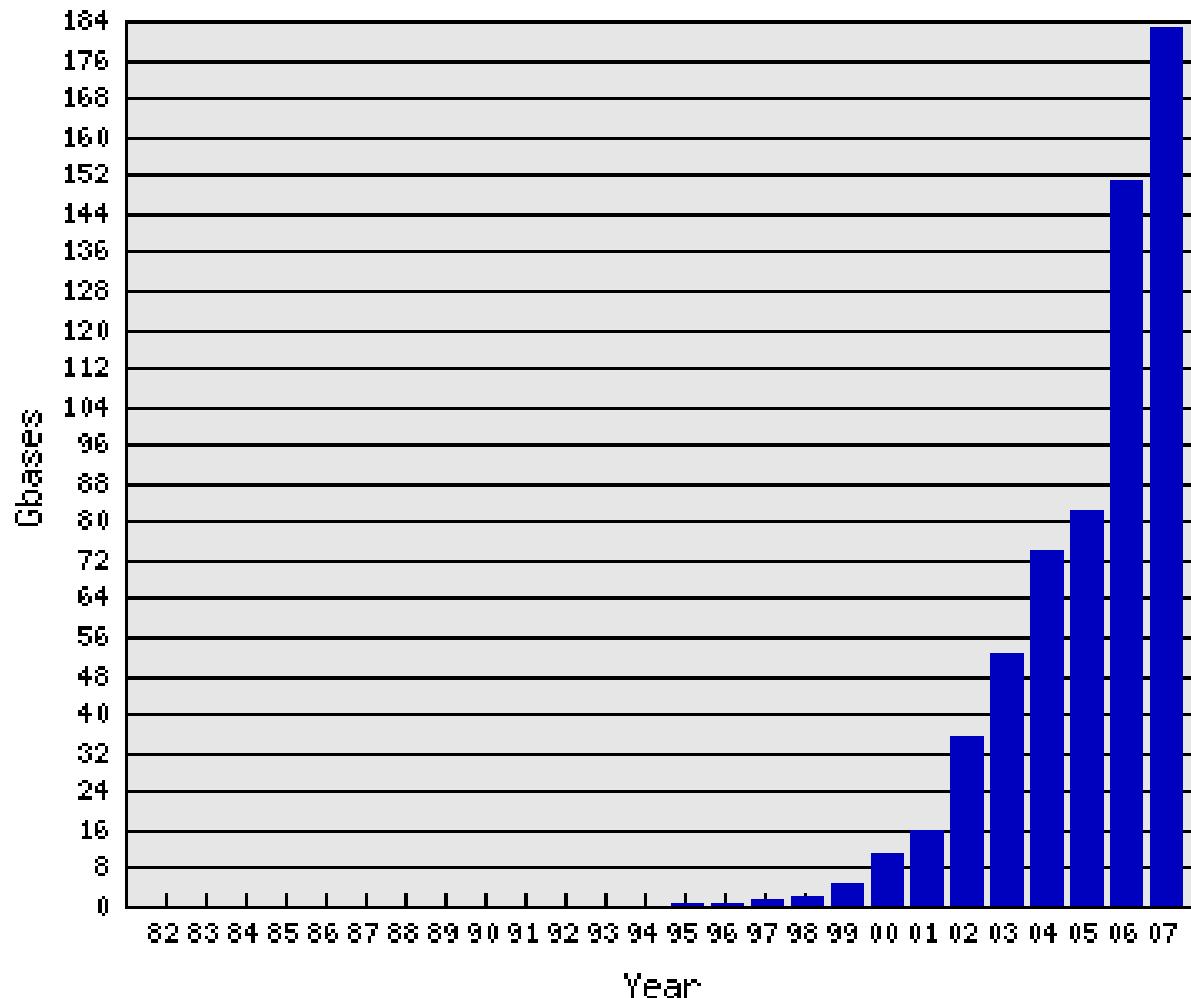
JL Contreras, *Correspondence – Legal Issues for Biological Research Standards, Nature Biotech.* 26(498-99), May 2008



What is Bioinformatics?



Growth of Bioinformatics Data



Standardization in Bioinformatics

- Terminology
- Reporting Requirements
- Exchange Formats



Terminological Artifacts



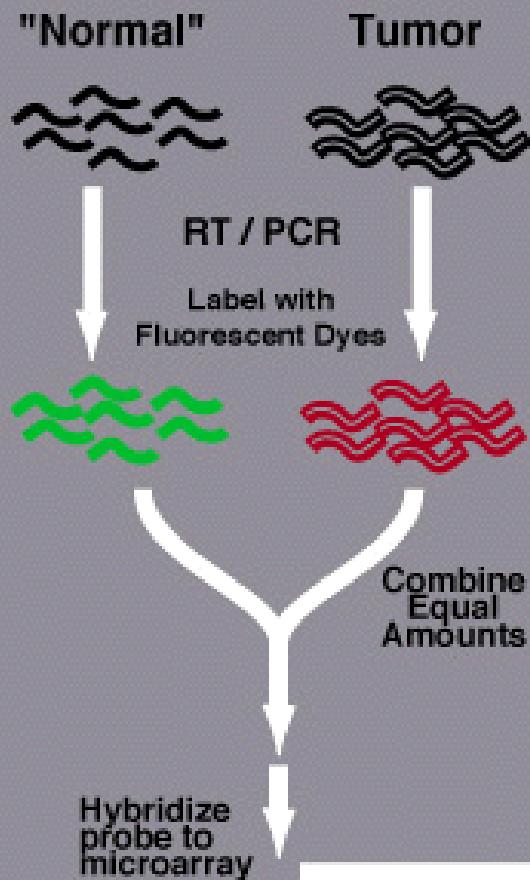
A different point of view is simply the view
from a place where you're not.

yourpointofview.com

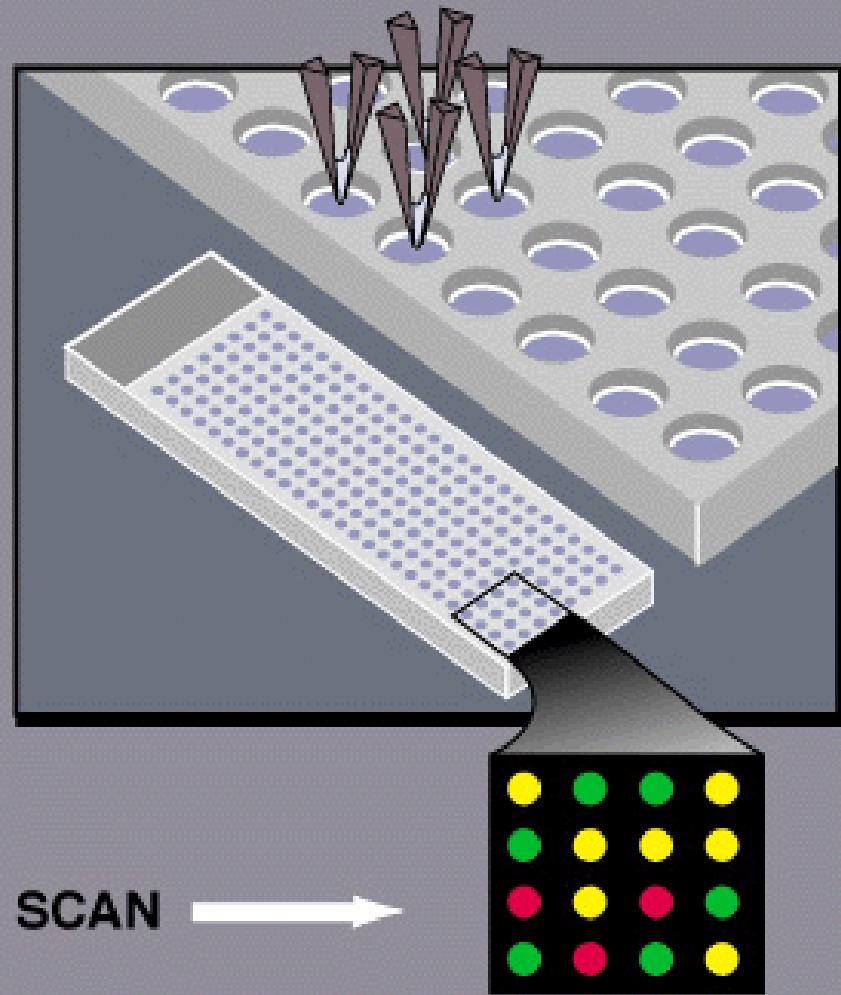
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Reporting Requirements

Prepare cDNA Probe



Prepare Microarray



Data Exchange Formats



Potential Legal Issues in Standard-Setting

- Antitrust
- Copyright
- Patent



Findings – Bioinformatics Standards

- Impetus for standardization from academic/scientific groups
- Little corporate/govt. involvement
- Mostly loose academic/non-profit consortia (plus W3C)
- Few have formal legal policies
- Most claim to be “freely available” or “open”
- Little attention to IPR
- Potential for patent/copyright issues (data formats), but no problems yet!

