

# IP and Bioinformatics Interoperability Standards

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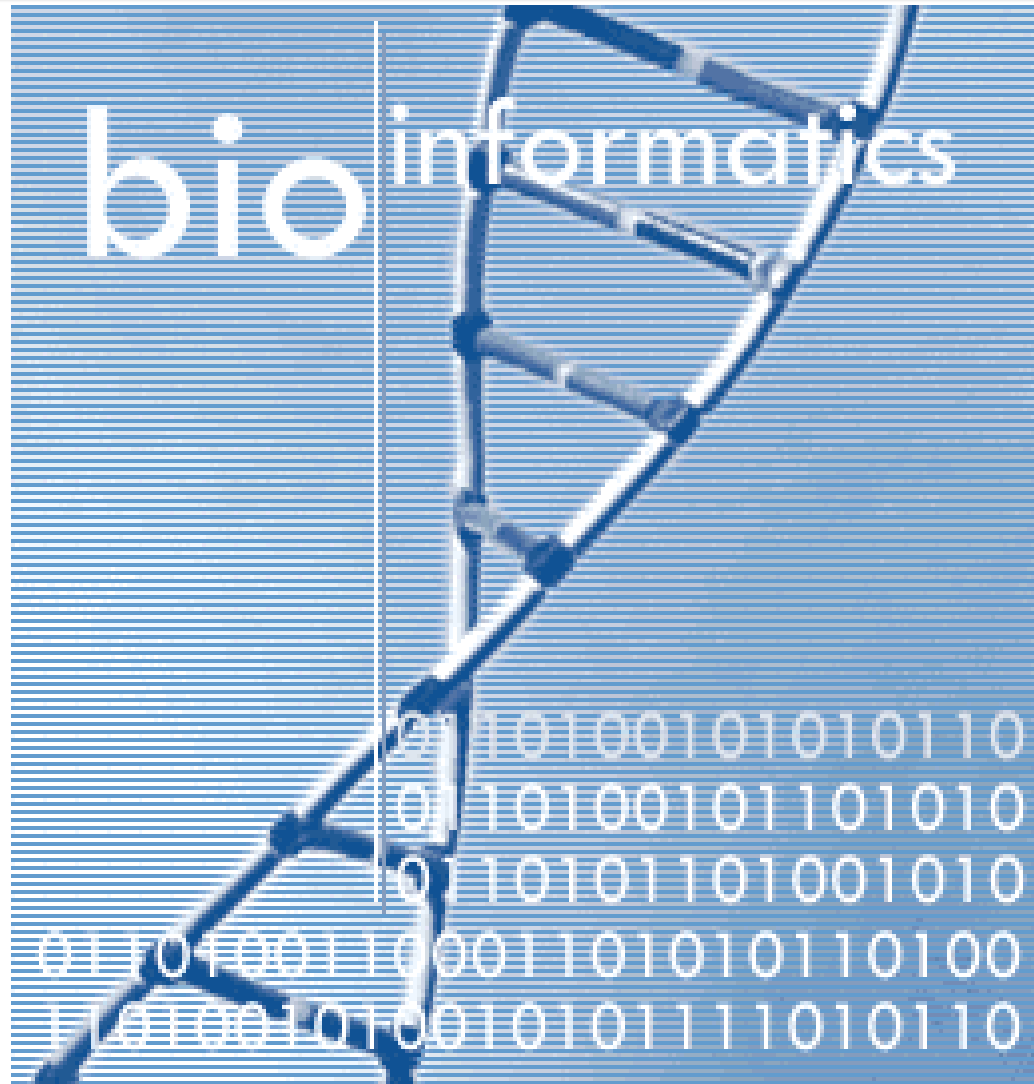
October 4, 2012

# Origin of this Project

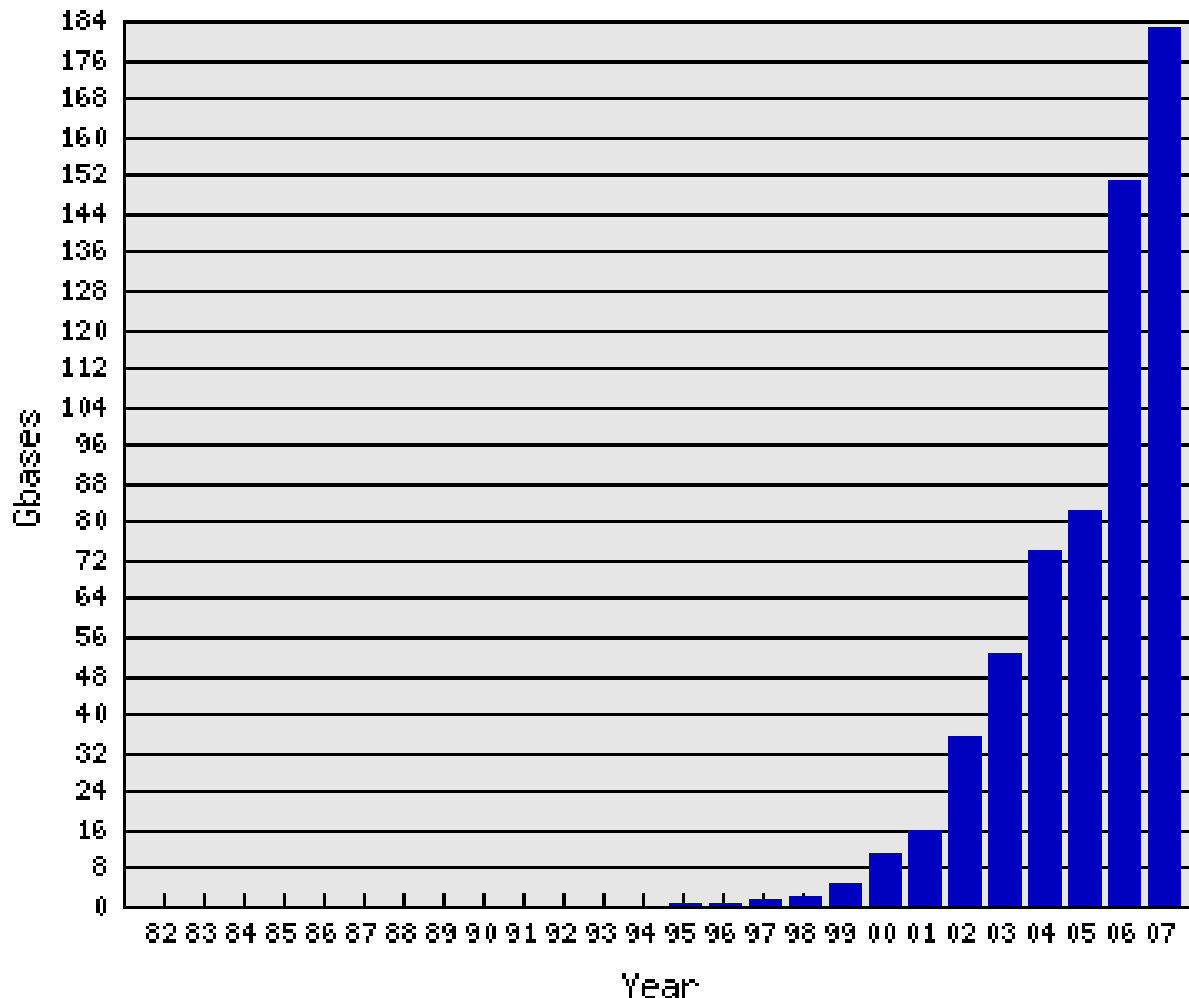
JL Contreras, *Correspondence*  
– *Legal Issues for Biological  
Research Standards*, **Nature  
Biotech.** 26(498-99), May  
2008



# What is Bioinformatics?



# Growth of Bioinformatics Data



# Standardization in Bioinformatics

- Terminology
- Reporting Requirements
- Exchange Formats



# Terminological Artifacts

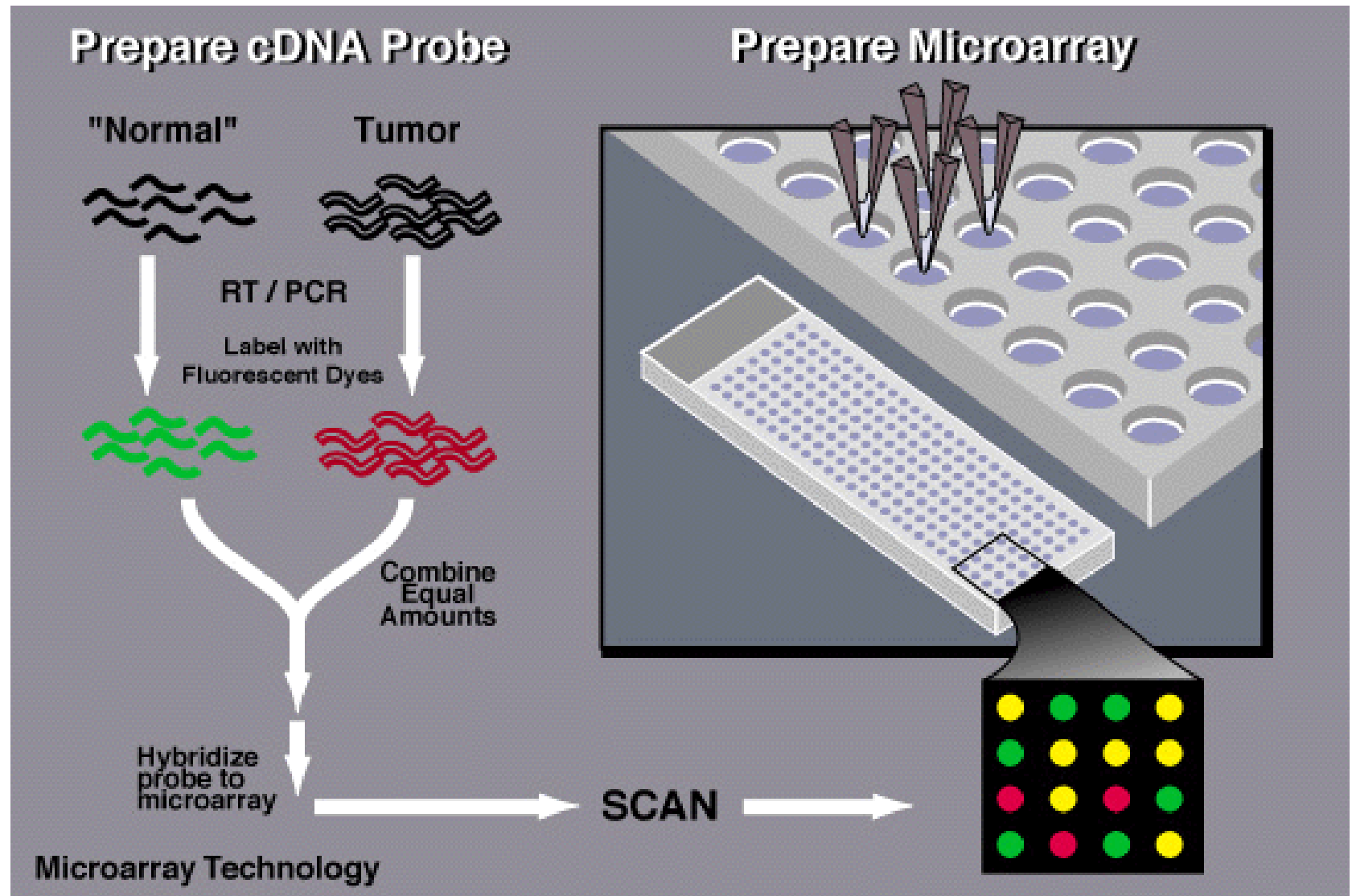


A different point of view is simply the view  
from a place where you're not.

[yourpointofview.com](http://yourpointofview.com)

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# Reporting Requirements





# 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!

