

# Contents [05-06-09]



## Feature

### Learning to Embrace the eCTD

Sponsors, CROs, and industry providers learn the pros and cons of switching to the electronic common technical document. **36**

## Up Front

- 8 **The Dagdigian Doctrine**  
What's hot and what's too high on the "hype-meter" in bio-IT.
- 9 **Eric Schadt Leads Network News**  
There are no linear pathways, only networks.
- 10 **Will the Gene Microscope Change the World?**  
Clifford Reid predicts a paradigm shift in genome sequencing.
- 11 **Responsibility in Personalized Genomics**  
Making genomics useful to the consumer is proving a challenge.

- 12 **Perfect Ten**  
*Bio•IT World* announces the winners of the 2009 Best Practices Awards.
- 13 **Bourne Free Access Nets Franklin Award**  
Philip Bourne wins the 2009 Benjamin Franklin Award.
- 14 **Best of Show Winners**  
Recognizing the most innovative new products on the Expo floor.
- 17 **The Vagaries of Genome Variation: Do You Copy?**  
Comprehending Copy Number Variation makes an impressive debut.
- 18 **Mark Boguski's Search for Resounding Health**  
An online resource for intelligent disease management.
- 19 **Antibody Docking on the Amazon Cloud**  
*Inside the Box* Cloud computing performs up to the hype.
- 20 **Will Consumers Sustain Direct-to-Consumer Genomics?**  
*Insights|Outlook* Searching for the consumer genomics business model.
- 18 **Briefs**

## Computational Biology

- 26 **Hans Lehrach's Predictive Biology Philosophy**  
Alacris Pharmaceuticals applies modeling to individualized medicine.

- 29 **Bioalma Launches novo|seek PubMed Search Tool**  
Intelligent search ranks documents according to relevance.

## Computational Development

- 32 **Novartis Savors Early Modeling Success**  
Under Don Stanski, Novartis' M&S franchise is paying dividends.

## IT/Workflow

- 46 **Information To Bank On**  
The UK Biobank hopes to manage a quarter of a billion data points.
- 48 **Isilon's Data Storage Odyssey**  
CEO Sujal Patel hopes to remove impediments to progress.

## Clinical Research

- 51 **Social Networking Sites Embrace Clinical Trials**  
Patient recruitment is online and interactive.
- 54 **Texting in Clinical Trials**  
Texting offers instant contact and feedback.

## In Every Issue

- 5 **What's on Life Sciences TV**  
*First Base* The Franklin Award winner hosts SciVee.tv. **BY KEVIN DAVIES**
- 58 **Microsoft's Amalga Life Sciences**  
*The Russell Transcript* Microsoft unveils the next on-ramp for their information highway. **BY JOHN RUSSELL**
- 6 **Company Index**
- 6 **Advertiser Index**
- 56 **Educational Opportunities**

## Bio•IT World Signature Series

### Trends in Global Economic Development

- 21 Trends in Economic Development
- 22 Putting the Alpha in Alabama

### Advancements in Clinical Trials

- 44 CROs Heed the Crisis Call