

**2009 BIO International Convention Workshop Series:
Heal, Fuel, Feed the World**

The iBIO Entrepreneurship Center along with PROPEL invite you to attend any of the workshops originally recorded at the 2009 BIO International Convention in Atlanta, Georgia now available for viewing at the iBIO offices. Each session has the audio and slide presentations of the speakers and is roughly an hour and a half in length.



The iBIO Entrepreneurship Center is a member of Illinois DCEO's Illinois Entrepreneurship Network

The workshops are grouped in 23 different tracks with more than 150 workshops. To reserve a viewing time for these informative presentations, please contact Josette Jones, iBIO Operations Manager, at 312.422.1111x6 or jjones@ibio.org. There is no fee.

Super Sessions

- Biotech Intellectual Property at the Crossroads
- Beyond Business as Usual: Ernst & Young's Global Biotechnology Report 2009
- Weathering the Perfect Storm of Financial Distress and Political Pressure
- Burrill State-of-the-Industry Report
- Global Biotechnology Innovation: Connecting the Laboratory, the Field and the Marketplace
- Public Health and Business: Is the Sum Greater Than the Parts?
- A Model Patent Office for the Future — Promoting and Protecting Investments in Innovation

Achieving Regulatory Approval

- A Primer on REMS and the New Era at FDA
- FDA Science and Mission at Risk
- Regulatory Best Practices for Emerging Companies & First-Time Filers
- Policy Developments in Pharmacogenomics Diagnostic Regulation — Case Studies from Australia, Europe and the United States
- Is Gaining Drug Approval More Difficult in Europe than the US, or Vice Versa?
- FDA Town Hall

Bioethics

- Transforming the Research Paradigm: 21st Century Models to Unify Discovery Research and Clinical Care
- Protecting Human Research Subjects: What Is Industry's Role? How Are We Doing?
- The Ongoing Quest for the \$1,000 Genome— Are We There Yet, and Are We Ready?

Biomarkers

- Biomarker and Business Models
- Last Year's Clothes Just Don't Fit Anymore: New Approaches to Product Development Collaborations Between Drug and Diagnostic Companies
- Integrating Genetic Markers in Drug Development: How Personalized Medicine Is Evolving Predictive Treatment
- Biomarkers for Traumatic Brain Injury: An Emerging Diagnostic Area



Business Development

- Alliance Management's Role in Building Partner-centric Organizations: Recipe for Successful Alliances
- Biotech M&A — How to Sell Your Company in an Environment of Consolidation
- Out or In, Big or Small: Industry and Venturebacked Out Licensing Deals and New Companies — What Are We Looking For?
- M&A for U.S. Biotech: Think Outside the Box
- Balancing the Equation in Leading Deals: Cherry Picking Value or a Sustainable Course?
- Global Intellectual Property Due Diligence
- Deal-making with Japanese Pharmaceutical Companies
- Maximising Value: How Tough Markets Are Reshaping the Business Models of Big Pharma and Venture Capital
- Effectively Managing Multiple Deals Across a Technology Platform
- Different Type of Partnerships Which Compose PDPs for Improved Global Health
- A Marriage of Convenience? Big Pharma and Venture Capital
- For Better or Worse, For Richer or Poorer: Partners Who Will Go The Distance
- Business Model Conundrum: Focus on One Single Therapeutic Area, or Multiple Areas?

Clinical Research/Clinical Trials

- Competing Clinical Trials: When Patients Have a Choice, How Do They Decide?
- Clinical Trials for Novel Therapeutics: Challenges and Opportunities of Uncharted Waters
- Generating Time and Cost Efficiencies Without Compromising Data Quality Through Targeted Site Selection, Recruitment, Retention, and Monitoring
- New Developments in Targeted Cancer Therapies
- Adaptive Research in Practice: Key Elements and Implications for Development
- An Asia-First Strategy for Clinical Development of Therapeutic Drugs
- Navigating the New Registry Requirements: Implications for Industry
- Improving Chronic Disease Management through the Convergence of Informatics and Research in Prevention/Epidemiology, Clinical Trials, and Clinical Care

Devices and Predictive Diagnostics

- Nanomedicine Applications for Cancer Detection and Diagnosis
- Creating New Markets Where Doctors Don't Want Them
- Must Diagnostic Companies Choose Between Proprietary and CRO Business Models for Targeted Therapeutics?
- Co-development of Therapies and Diagnostics: Opportunities and Barriers
- Bench to Bedside: Formulating Winning Strategies in Molecular Diagnostics
- Diagnostics: When Disease Information Enables Treatment Decisions
- Advances in Predictive Diagnostics for Alzheimer's Disease

Drug Delivery

- Transdermal Delivery of Proteins, Vaccines and DNA: From Concept to Reality
- Novel Vaccine Delivery Technologies: More than Just a Needle
- Challenges and Advances in Successful Delivery of Nucleic Acid-based Drugs
- Enabling Drug Delivery Technologies: Improving Current Therapies and Helping New Chemical Entities Reach the Market



Drug Discovery & Development

- Moving Preclinical Safety Evaluation from Toxicity Determination to Risk Assessment
- Mastering Your (Cell) Fate: Stem Cells, iPSCs and the Future of Medicine
- Changing the Game: Emerging Technologies for Next-Generation Protein Therapeutics
- From Productivity to Sustainability: New R&D Models for Life Sciences
- Making the Most of Drug Development Efforts through Global Outsourcing
- Extending the Half Life of Proteins

Exciting Science 2009

- Induced Pluripotent Stem Cells Revisited — Where Are We Now and Where Are We Going?
- The New Frontier of Vaccines for Autoimmune Diseases - Development of Novel Tolerance-Inducing Immunotherapeutics
- Fulfilling the Promise of Regenerative Medicine
- Neurogenesis: Enhancing Brain Cell Growth for the Treatment of Depression
- Where to find the Drugs: Ubiquitin Component Systems, Are They the Next Generation Kinases?
- Size Does Matter: The Increasing Importance of Nanotechnology to the Biotech Industry
- Transformational Tools: How New Research Technologies Are Changing the Rules of the Game
- The 'Hottest' New Mechanisms of Action (MOAs) in Cancer
- RNA Rx: the Next Wave of Therapeutics beyond RNAi

Finance

- Undiscovered Capital! Realizing the Potential of Government Incentives and Grants
- Raising Venture Capital in the US: A Practical Road Map for Foreign Companies to the World's Largest Venture Capital Pool
- Specialty Pharma Play - Are We Near the End?
- "Where's the door? I Want to Get Out!" Searching for the Exits
- Darwinism Comes to Strategic Finance: Evolving Business Models and Implications for Biotech & Pharma
- Non-dilutive and Other Non-traditional Forms of Financing
- Financing the Southeast Biotech Sector
- Strategic vs. Financial Investing: A Dealmakers' Discussion of Goals, Targets, and Strategies
- Life Cycle of a Life Sciences Company: Best Practices from Fundraising through the Exit
- Super Models: The New Breed of Life Science Financing
- Is Venture Philanthropy the New Venture Capital?

Food & Agriculture

- The Value Proposition for Next-Generation Energy Crops: Value Chain and Business Model Considerations
- Global Product Stewardship
- Saving Harvests, Lives & Livelihoods: Breakthroughs in Plant Stress Tolerance Technologies
- Public-Private Partnerships in Agricultural Biotechnology: Going Beyond Development Impact
- Ag Biotech - Improving Farmers Lives
- Challenges and Solutions in Commercializing Genetically Engineered Animals and Their Products
- Genetically Engineered Animals (Livestock) and Public Health
- Advances and Opportunities for AgBiotech in Latin America
- The Bio-Based Economy is Now
- Legal and Regulatory Threats to Agricultural Biotechnology in the US
- Plant Science Technologies: "Recent Advances That Will Change Our World"
- Environment, Economy and Society: Plant Biotechnology's Role in Advancing Sustainable Development



Global Biotechnology Issues

- Asia as the Biosimilar Launch Pad
- When East Meets West - How to Get Deals Done and Build Enduring Relationships
- The Struggle to Maintain Global Market Access for Innovative Biologic Products: Strategic, Economic and Product Security Perspectives
- Bio-Manufacturing and High-Tech Facilities: How to Share Tools Between Bio-Regions?
- Global Collaboration Structures to Sustain Viable Research-based Biomed Industry
- Product Development for Global Health: Addressing the Resource Challenge
- China: Chain to Global Multi-Center Clinical Trial
- Fast Forwarding Life Science Innovation: What Works, What Doesn't, Where Do We Go From Here?
- Innovating for Diabetes: A Number One Priority
- International Competitiveness: Survival Guide for a Challenging Global Environment
- Private Companies Tackling Public Health
- Challenges and Opportunities for Engaging in Global Health Product Development
- International Trade Agreements and Biopharma Strategies to Gain Market Access

Growing the Biotech Workforce

- The Brain Drain Runs Both Ways: The Global Market for Scientific and Technical Talent
- Building a Workforce Pipeline
- Forging Scientists for the Future of Biotech
- Developing Highly Effective Partnerships with University Workforce Development Programs
- How to Grow and Retain Your Biotech Dream Team

Industrial and Environmental

- The Forest Bioeconomy: Next Generation Biofuels to Personalized Medicine
- Hype or Hope: The Real Prospects for Success in Cleantech
- Behind the Scenes or Behind Your Back? The Intricacies of Open Innovation in the Cleantech World
- Improving Drug Manufacturing and Helping the Environment through Controlled Enzyme Evolution
- Science for Better Food: Pharma R&D Approaches in Functional Ingredients
- Creating a Future for Sustainable Cellulosic Biofuel Production
- From Field to Wheels: What's Going to Work in Biofuels?
- Bringing Market Perspective to the Development of Biobased Chemicals
- The Future of Industrial Biotechnology

International R&D Case Studies and Presentations

- Public Private Partnerships: Translating Science into Applications
- Biotechnology in Hungary - an Emerging Market
- Cancer Genomics in Spain: A Success Story
- Canada: Your Innovation Partner in Cancer Stem Cell Research
- Mexico: New Generation Biotechnology
- Lost in Translation: Translational R&D as the Road Map to Market
- Russia's Emerging Bio-economy: New Developments in Biofuels, and Bionanotechnology
- The French Experience in the Field of Tropical Infectious Diseases — The TB Case
- Australian Biomedical Research in a Transformational Approach to Global Health



- Building Up Research Capability for Win-Win Partnerships: Bioprospecting in Thailand
- Antibodies in Drug Discovery and Development and Platform Technologies Supporting the Research Activities
- Role of Biotechnology in improving the Bio-Economy of African countries.
- Breakthroughs in Medicinal Chemistry and Chemical Biology in the Czech Republic: Unique Opportunities for Drug Research, Development and Joint Venture
- Drug Development and Gene Therapy at Krakow's Jagiellonian University: Unique Expertise and Novel Approach
- Breaking New Stemcell Research Unlocks Unknown Therapies
- Accelerating Commercialization in Biotechnology: The Malaysian Approach in Innovation & Technology
- Recent Developments and Partnering Opportunities in Agricultural Biotechnology in Brazil
- Breakthrough in Transgenic Animals for the Production of BioPharmaceuticals in Argentina
- Breakthroughs in Regenerative Medicines in Germany
- Global Bio-Pharmaceutical R&D Hub in China
- India: Insight Into Success Stories of Clinical Research

Legal Issues

- Contract Workshop: Best Practice Indemnification Provisions
- Injunctions in the Post-eBay World: Will Compulsory Licensing and Price Competition Become the New Paradigm for Biologics?
- The Narrowing Scope of Biotech Patent Claims: What Does It Mean for the Industry?
- Launching a Commercial Product: The Key Legal and Regulatory Issues You Need to Know
- Preemption of Product Liability Litigation on FDA- Regulated Products
- Working within the Post-FDAAA Regulatory System to Mitigate the Risks of Marketing Biopharmaceuticals
- Current Challenges in Managing Relationships Between Industry and Physicians
- The Unique Role of In-House Pharma/Biotech Lawyers: Legal and Ethical Risks
- Shaping Biosimilars Policy: The Interplay of Data Exclusivity, Patient Safety, and Patents
- Strategic Considerations in Coordinating Acceleration of International Patent Prosecution

Manufacturing of Biologics and Drugs

- Approaches to Quality by Design Submissions for Biopharmaceuticals
- Rapid Response: How Biodefense is Driving Transformations in Biomanufacturing
- A World of Biomanufacturing: Shortages or Global Glut?
- Biopharmaceutical Manufacturing Challenges - When Will Harmonization Resolve the Differences?
- Challenges in Stem Cell Manufacturing
- Manufacturing Biologics...and Talent
- Transforming Current Biomanufacturing Models through Powerful Partnerships

Policy

- Developing Drugs for Rare Diseases
- The 111th Congress: What's Happened and What's to Come in its 1st Session
- Apples & Oranges: The Opportunities & Challenges for Implementing Comparative Effectiveness Research
- Preparing Before the Storm: The Reimbursement Policy Disaster
- The Emerging Promise of Personalized Medicine
- Europe: The Changing Dynamics of the Public Health Environment
- Biotechnology and Life Sciences in the EU: Current Developments in Regulations, Innovation and Research Funding



Public Relations/Investor Relations

- What to Say, When and How. Navigating the Regulatory Minefield
- Media Speed-Dating: Get Up Close and Personal with Biotech Journalists
- Communicating Your Story: Dual Path Exit Strategies
- Spreading the Word: New Technologies Mean Everyone Is a Journalist

Technology Transfer/Licensing

- Town and Gown: Novel Industry-University Partnerships to Drive Innovation
- Crossing Borders and Barriers to Healthcare in Developing Countries
- Academia and Industry Going for the Gold
- PDPs and Alternative IP Management/Tech Transfer Strategies for Improved Global Health
- Early Stage Investment Strategies: If Not Us, Who? If Not Now, When?
- Technical Standards Development in the Biosciences: Legal Issues and Pitfalls
- BioMS/Eli Lilly - Dissecting a Billion Dollar Collaboration
- Anti-Biopiracy Restrictions on Patenting and Use of Genetic Resources

Translational Medicine

- Nurturing Hatchlings: New Models for Supporting Innovation
- Stem Cells: Translating Exciting Preclinical Data into Human Clinical Trials
- Translating Promising Science to CNS Treatments

Vaccines

- Blockbusters Aren't Dead. They're Just Called Vaccines
- Renewing the Promise of DNA Vaccines: Strategies to Enhance Delivery, Efficacy and Immunogenicity
- HIV/AIDS Vaccines, Preventative and Therapeutic Approaches to a Global Pandemic
- Breaking Tolerance to Boost Vaccine Efficacy