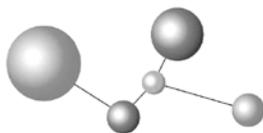


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Participation Opportunities

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Newsletter Feedback Survey – What Do YOU Want in a Newsletter?

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In our quest to be a valuable resource for biotech companies in Iowa, we are reaching out to our subscribers to find out what does and doesn't work in our current Monthly Newsletter format. We kindly ask our readers to participate in a [brief eight-question survey](#), which will help us cater the Newsletter around our readers' needs and interests. All questions are optional and confidential; you will not be asked for your contact information. An opportunity to provide any additional comments/feedback will be available at the end of the survey. **We kindly ask you complete this survey by Friday, August 9th.**

[CLICK HERE TO TAKE THE SURVEY](#)

If you have any questions, please contact Melissa Moyer at melissa@iowabio.org. To see how the Monthly Newsletter has progressed within the last three years, please visit our [Newsletter Archives](#).

Thank you to everyone who has already participated! Your feedback has been invaluable!

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**Biotechnology
Industry
Organization**

BIO Needs Your Feedback on Effective FDA - Sponsor Communication During Drug Development

Enhance scientific breakthroughs by letting us know your communication practices with the FDA during drug development.
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The Biotechnology Industrial Organization (BIO) is reaching out to industry members to participate in a survey in the hopes of enhancing the relationship between the biotechnology industry and the U.S. Food and Drug Administration (FDA). BIO is interested in capturing information about your interactions with FDA during the various stages of drug development prior to submitting an NDA/BLA. So, for the first time, they will be conducting an annual survey seeking information about your knowledge and experience in working with FDA. To take their short survey, [please click here](#).

In an increasingly competitive and fiscally constrained environment, it is more important than ever that all stakeholders work together to promote effective research and development of innovative medicines. To that end, they have developed this survey in an effort to gain insight from the biomedical community that they can utilize to more effectively engage with FDA during the next round of PDUFA technical discussions on topics relevant to drug development. Specifically, this initial survey is designed to assist in the implementation of the Prescription Drug User Fee Act (PDUFA V) program on Enhancing Communication during drug development. Your feedback will be used to better understand and measure FDA's existing communication practices and to help identify best practices for communicating with sponsors, which will further inform BIO's advocacy relating to the development of future FDA standard operating procedures and guidance for industry and staff. They are also seeking volunteers to participate in a more detailed survey that will enable them to examine interactions associated with drug development during specific phases of development, specific pathways, and disease areas. There will be an opportunity to sign up for that initiative at the end of this survey. Participants of these survey initiatives will receive a periodic analysis of results.

To take this survey, [please click here](#).

More than one employee from your company may take this survey, so please forward to your colleagues. This survey should only take 20-30 minutes to complete.

We encourage coordinated responses to this survey, and for your convenience, a printable version of this survey can be found [here](#).

BIO and IowaBio thank you in advance for your participation!

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New Member Spotlight

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Boehringer Ingelheim



**Boehringer
Ingelheim**

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Boehringer Ingelheim Vetmedica, Inc. (BIVI), is the U.S. animal health division of Boehringer Ingelheim Corporation, a family-owned company founded in 1885 in Ingelheim, Germany.

BIVI is currently among the top 10 animal health companies in the world and is a global leader in the swine, equine, cattle, and companion animal businesses. The company approaches the animal health business by valuing innovation. This means constructing new ideas and improving upon old ones to enhance the health of our pets and to heighten the quality of our food supply.

Based in St. Joseph, Missouri, BIVI has deep roots in the heartland. With approximately, 2,000 employees across the U.S., it is proud to call Iowa home. In 1995, the company established research and development efforts in Sioux Center and Ames. In 2009, BIVI acquired assets from Fort Dodge Animal Health, further growing its Iowa operations. The company now employs close to 700 employees in Fort Dodge, Ames and Sioux Center combined.

BIVI also supports local learning institutions that equip students with resources necessary to thrive in the science, mathematic, engineering, and technology fields. They believe that applied learning experience lays the foundation for local economic development and growth. For more information, please contact Rene Ward, Associate Director of Public Relations and Internal Communications, at rene.ward@boehringer-ingelheim.com.

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Upcoming Events

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Midwest Events

[5th Annual Animal Health Investment Forum](#)

August 27, 2013 / Kansas City, MO

The KC Animal Health Investment Forum provides a unique opportunity for venture capital funds, investment firms and animal health companies to hear from emerging companies with the newest technology. The event offers one of the only opportunities in the world for early stage companies in the animal health sector to present their vision and business plan to

Continued on Page 4

Global Events

[California Biotech CEO Conference](#)

Sept. 9, 2013

San Francisco, California

[BioBasics: Biotech for the Non-Scientist](#)

Sept. 16-17, 2013

Boston, Massachusetts

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potential investors. Companies presenting at the Forum have raised nearly \$85 million.

Several have also received licensing agreements or distribution contracts.

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[2013 Iowa Cancer Summit](#)

October 10-11, 2013 / Des Moines, IA

On October 10th & 11th, the Iowa Cancer Consortium (ICC) will host the 2013 Iowa Cancer Summit in Des Moines, Iowa. This year's event will bring Iowans together to focus on the four sections of the Iowa Cancer Plan: prevention, early detection, treatment, and quality of life. The Summit is a great opportunity for attendees to learn how the ICC and their partners are taking action to reduce the burden of cancer in Iowa, and how the Iowa Cancer Plan can guide cancer control practices in Iowa. Physicians, nurses, social workers, community health educators, cancer survivors, caregivers, health advocates and elected officials are all encouraged to attend.

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[4th Annual Midwest Cleantech Open Innovation Summit](#)

October 17, 2013 / Minneapolis, MN

Organized by Midwest Cleantech Open and its partners, this event convenes investors, entrepreneurs, Fortune 500 executives, policy makers, corporate sustainability managers, academic communities, economic development partners, trade groups, and other professionals interested in innovation, sustainability and cleantech solutions. The 4th Annual Midwest Innovation Summit will help you – a regional stakeholder – identify new resources for your organization, establish unique relationships, get a first glance at cutting-edge cleantech solutions, and learn from industry thought leaders.

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[Save the Date! – IowaBio 4th Annual Golf Outing](#)

June 5, 2014 / Norwalk, IA

IowaBio will be hosting its Fourth Annual Golf Outing on Thursday, June 5, 2014, at The Legacy Golf Club in Norwalk, Iowa. The outing is for IBA members and affiliates, and is a great opportunity to enjoy some sun, meet other IowaBio members and become more familiar with our vendors, who we thank for generously sponsoring these events. We kindly encourage attendees to bring a member from their Purchasing/Procurement department so they can learn more about IowaBio's vendors and discounts available through our

BioVantage Program.

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Global Events

[4th World Congress on Biotechnology](#)

Sept. 23-25, 2013
Raleigh, North Carolina

[2013 EFIB](#)

Sept. 30 – Oct. 2, 2013
Brussels, Belgium

[BIO Investor Forum](#)

Oct. 8-9, 2013
San Francisco, California

[2013 Advanced Biofuels Leadership Conference](#)

Oct. 9, 2013
San Francisco, California

[BIO Convention in China](#)

Nov. 11-13, 2013
Beijing, China

[Drug Development Boot Camp 2013](#)

Nov. 20-21, 2013
Boston, MA

[The New England Venture Summit](#)

Dec. 11, 2013
Dedham, Massachusetts

All events can be found on our website's [Events Calendar](#)

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Industry News

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**News stories containing company logos indicate IowaBio members **

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Food & Agriculture

Food & Agriculture [\(Return to Index\)](#)

IOWA STATE
UNIVERSITY

- ❖ **Food Technology** Development Company Sets Up Research and Development Lab at **ISU's CCUR**
- ❖ **Fungi** grown from **ethanol byproducts** could be the solution to ending **world hunger**



- ❖ **Lt. Governor Reynolds** to Chair New **STEM Food and Ag Council**



- ❖ **BIO** calls for reducing obstacles to **biotech imports in Europe**
- ❖ Seeking Support, **Biotech Food Companies** Pledge Transparency
- ❖ **Iowa leaders** call on **Congress** to reach **farm bill compromise**
- ❖ **Iowa farmer** asks Congress to **keep Renewable Fuel Standard**
- ❖ Citrus growers look to **biotech** to **combat citrus greening disease**
- ❖ Kauai County, **Hawaii**, **passes biotech bill**, sets public hearing
- ❖ **Rally opposing anti-biotech bill** held in Hilo, **Hawaii**
- ❖ **USDA** reports share of **biotech seeds for corn, soybeans, cotton**
- ❖ **British attitudes to genetically modified crops** are still divided
- ❖ **New Jersey** business groups **oppose biotech labeling bill**
- ❖ **Dow AgroSciences** signs research deal with **Evotec**
- ❖ Research pioneer **Beachy** weighs in on state of **biotech food**
- ❖ **Bangladesh** prepares for release of **first home-grown biotech crop**
- ❖ \$1M **USDA** Funding to **Fight Coffee-ravaging Beetle**
- ❖ **Australian** researchers ID gene that **protects wheat from stem rust**
- ❖ **Indian President Mukherjee** supports adoption of **biotech crops**
- ❖ **Oregon** petition to **ban genetically modified crops** rejected
- ❖ **Disease resistance breakthrough** could improve **soybean profits**
- ❖ More **U.K. consumers support biotech food**, survey finds
- ❖ **Oil palm genome mapped**, could boost yields, reduce pressure on rainforests

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Healthcare & Pharmaceutical

- 
KemPharm is one of 11 companies to receive **financial assistance from Economic Development Board**
- 
IDT opens SGD 6 million manufacturing facility in Singapore
- 
Eurofins to Offer GE's Cardiomyocytes in Toxicity Screening Services
- 
Sanofi, NEA team up in \$18M round for rare disease outfit Edimer
- 
Genentech, Immunocore sign cancer drug deal worth more than \$320M
- 
GlaxoSmithKline, J&J make early progress with monthly HIV remedies
-  
Lilly, Boehringer submit EU application to market insulin glargine
- Ovarian Cancer Treatment Milestone Earns Array BioPharma \$5M**
- "Shape-Shifting" Protein Could Help Explain Variable Parkinson's Symptoms**
- Scientists create **human liver from stem cells**
- Three-Gene Signature Helps **Predict Kidney Transplant Rejection**
- Researchers create **inner ear from stem cells**, opening potential for new treatments
- Bioengineered HIV** treats genetic disease symptoms in studies
- Largest **cancer gene database** made public
- Scientists Prod **Stem Cells** to Create **Self-Organized Vascular Networks**
- Study uses **magnets to steer stem cells** in the body
- Alzheimer's drug** candidate wins **fast-track designation from FDA**
- No "Master Genes" Needed: **Scientists Generate iPSCs with Small Molecules**
- Mummy Sequencing**
- First successful **transplant of retinas** made from **embryonic stem cells**
- Israel's SciVac** eyes global expansion of **3G hepatitis B vaccine**
- MicroRNA Expression Profiling** Points to Possible **Alzheimer's Signature in Blood**
- Stem cell-derived astrocytes** may protect brain from **stroke damage**

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[Industrial & Environmental](#)

Industrial & Environmental

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- ♥ **MCG BioComposites is Showcased** in Iowa Innovation Corporation Catalyst Newsletter



- ♥ **Darling International** announces **Diamond Green Diesel plant**, the largest green diesel plant completed in US, is completed



The miracles of science™

- ♥ **DuPont** Seeks **Cellulosic Ethanol Joint Ventures**



- ♥ **ISU biotech spinoffs** receive commercialization grants
- ♥ **Royal DSM Iowa plant** to open by early 2014, will license tech
- ♥ **Gas recovery project** means more treasure from **Polk County trash**
- ♥ **Non-ethanol gas** faces price jump in **Iowa**
- ♥ **Green Biologics** inks **Iowa n-butanol demo plant** deal with **Easy Energy Systems**
- ♥ **Galva, Iowa Ethanol Plant** Will Produce Cellulosic Ethanol
- ♥ Researchers Look at **Biomass Potential of Midwest's Black Locust Plant**
- ♥ **BioProcess Algae** visited by **Tom Latham** and **Iowa Secretary of Agriculture**
- ♥ **Finnish** researchers produce **biofuel from forest residues**
- ♥ **Sewage-to-biofuel project** is unveiled in **Spain**
- ♥ **Mason City** looking to bring in both **Fiberight** and **Plasma Power for W2E**
- ♥ California firm picks **Colorado** as site of **biomass-to-gasoline plant**
- ♥ **Biofuel Stakeholders** Must Stand **Ready to Challenge Misinformation**
- ♥ EPA publishes notice of **data availability for barley ethanol**
- ♥ **Big oil** begins media blitz **against ethanol** - but not in **Iowa**
- ♥ **Flint Hills** buys fifth **ethanol plant in Iowa**
- ♥ UC San Diego students studying **biofuel use in space**
- ♥ **Sapphire Energy, Linde Group** to commercialize **algae-to-crude** upgrading technology
- ♥ EPA comment period closed on **corn fiber as ag residue, biobutanol**
- ♥ **AAA** Taking Heat for **E15 Position**
- ♥ **Alaska Airlines, Hawai'i BioEnergy** sign **jet biofuels** pact
- ♥ **ACORE** Releases **Review of Renewable Energy** in the **Transportation** Industry
- ♥ **Southern Utah biodiesel producer** sets up shop to supply interstate trucking
- ♥ A New Use for **Algae in Biofuel Production**

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Subscriber Information

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This message was sent to you as a benefit of membership in the IBA and/or a subscriber of our monthly newsletter. If you know of a company that would benefit from the Association's advocacy, financial savings and education/workforce focus, please have them contact the Association at 515-327-9156 or email rachelhurley@iowabio.org. Membership details are also available at www.iowabio.org.

If you would like more information on any topic or no longer wish to receive these messages, please email melissa@iowabio.org or call 515-494-9242.

Speaker Opportunities

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IBA staff members are available to give 15-60 minute speeches to interested groups, such as Rotary Clubs, trade associations, or civic groups. A broad range of topics could be discussed, included biotechnology, healthcare, food vs. fuel, legislative policy, investment and more. Contact Rachel Hurley at (515) 327-9156 or rachelhurley@iowabio.org.