

July 2014

MONTHLY UPDATE



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Participation Opportunity

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Biotech Spotlight Series: Northwest Iowa

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On Tuesday, August 26, 2014, Iowa Biotech Association (IowaBio) will be hosting a Biotech Spotlight event featuring presentations from three of our member companies in Northwest Iowa. This launches the first of many Biotech Spotlight series IowaBio plans to host around the state. Please join us to learn more about the amazing work being done in this sector of Iowa. **Special guests include Lieutenant Governor Kim Reynolds and Congressman Steve King.**

When
Tuesday, August 26, 2014
11:00am – 1:00pm (Lunch Provided)

Where
Terrace View Event Center
230 St. Andrews Way
Sioux Center, Iowa 51250

Presenting Companies
Exemplar Genetics
Van Beek Natural Science
Boehringer Ingelheim

Special Guests
Lt. Governor Kim Reynolds
Congressman Steve King

This event is free and open to all interested **industry members, state legislators, community members and economic development partners**. If you are interested in attending this event, please register at www.iowabio.org/biotechspotlight.



Upcoming Events

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Midwest Events

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Animal Health Research Symposium

August 25, 2014 / Kansas City, MO

Each year the Kansas City Area Life Sciences Institute and the veterinary schools of the University of Missouri and Kansas State University join forces to offer a symposium on key issues within the animal health industry. It is held in conjunction with CVC Kansas City. The 2014 Animal Health Research Symposium, "Antibiotics: Choosing the Path of Least Resistance," will focus on solutions and alternatives to the use of antibiotics.

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Biotech Spotlight Series: Northwest Iowa

August 26, 2014 / Sioux Center, IA

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Meet the Experts: Pharmaceutical Series

August 27-28, 2014 / Geneva, IL

Meet the experts in innovative pharmaceutical delivery systems. Part of the [Roquette® University 2014 Course Schedule](#). Roquette® University and Customer Innovation Center is your opportunity to be collaborative, to be interactive and to be inspired by what's possible.

Their unique educational setting hosts the bset industry minds in a format that encourages open discussions, favors hands-on demonstrations and sparks a new way to innovate.

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Livestock Biotech Summit

September 16-18, 2014 / Sioux Falls, SD

This unique conference offers a focus on genetic engineering of agricultural animals including benefits, research and development, regulatory system, and challenges to advancing health, food and industrial applications of animal biotechnology.

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Global Events

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Rare Disease Collaboration Summit

*August 12-13, 2014
Philadelphia, PA*

BIO Latin America Conference

*September 9-11, 2014
Rio de Janeiro, Brazil*

5th Biobased Chemicals: Commercialization and Partnering

*September 18-19, 2014
San Francisco, CA*

Life Sciences Future

*October 13-14, 2014
Philadelphia, PA*

Pacific Rim Summit on Industrial Biotechnology & Bioenergy

*December 7-9, 2014
San Diego, CA*

View All Upcoming Events on our [Events Calendar](#)



Green Chemistry and Fermentation Today

September 17-18, 2014 / Geneva, IL

Innovations in renewable raw materials of vegetal origin for sustainable biochemistry. Part of the [Roquette® University 2014 Course Schedule](#). Roquette® University and Customer Innovation Center is your opportunity to be collaborative, to be interactive and to be inspired by what's possible. Their unique educational setting hosts the best industry minds in a format that encourages open discussions, favors hands-on demonstrations and sparks a new way to innovate.

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Bioproducts World 2014

October 5-8, 2014 / Columbus, OH

The OBIC Bioproducts Innovation Center (OBIC) at The Ohio State University will host the Showcase. OBIC seeks to promote the biobased materials and products industry. While OBIC has historically promoted the industry through cluster development strategies to accelerate bioproducts commercialization, it is now expanding through this new event in 2014. The Bioproducts World Showcase is for: Government Procurement Officials, Buyers for major retailers and distributors, Producers of biobased materials, Product manufacturers (biobased and conventional) and Entrepreneurs.

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Moving Iowa Forward Conference

October 21, 2014 / Des Moines, IA

You are invited to attend the fifth Moving Iowa Forward Conference, hosted by the Iowa Economic Development Authority and Iowa Department of Transportation. The conference will help attendees understand how transportation and economic development can and is working together to make Iowa a better place to do business. Don't miss this opportunity to learn how Transportation Matters in the quest to grow and strengthen Iowa's economy.

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2014 Medical Innovation Summit

October 27-19, 2014 / Cleveland, OH

Cleveland Clinic's 12th annual Medical Innovation Summit will convene over 1,500 great thinkers and leaders for a candid exchange on new medical technology, its future, recent breakthroughs and continuing challenges. Many regard the meeting as among the premier healthcare gatherings in the United States.

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Women in Science & Entrepreneurship Conference

November 14, 2014 / St. Louis, MO

The Women in Science and Entrepreneurship (WISE) Conference will be held on Friday, November 14th, 2014 at the Donald Danforth Plant Science Center. This free program aims to inspire and enable women to reach new heights in science by fostering connections and conversations among researchers, students, entrepreneurs, members of industry, and university faculty. It is a unique opportunity for women and men engaged or interested in science to learn, share, and connect across university, corporate, and entrepreneurial endeavors.

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Industry News

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News stories containing company logos indicate IowaBio members

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Food & Agriculture



- ❖ **Kemin increases Des Moines expansion** to \$125 million



- ❖ **BIO Moves Ag-biotech Advocacy** into the 21st Century



- ❖ Students Present Research at **Corn Utilization Conference**, Take **First and Second Place** in Poster Competition
- ❖ **Iowans** mixed on **food labels**
- ❖ Billionaire's wife indicted in **seed corn theft case**
- ❖ **Seralini's Paper Republished**, Scientists Remain **Skeptical**
- ❖ **Bayer CropScience** Introduces **Credenz Soybean Seed**
- ❖ Is **Genetically Modified Wheat** the Solution to **Celiac Disease**?
- ❖ **GMO food labeling** law pressure mounts
- ❖ World's **cocoa crop** could get a big boost from a simple, **non-toxic spray**
- ❖ **Hemp**: The **Feedstock** that Dare Not Speak its Name
- ❖ U.S. agribusiness **ADM** to acquire **Wild Flavors** for \$3 billion
- ❖ **Ceres** Licenses Software to **Bayer**
- ❖ Process Turns **Barley** into High-protein **Fish Food**
- ❖ **Cattle genetic code** cracked in detail
- ❖ **Designing** real **vegan cheese**
- ❖ **Man-made cow's milk** may soon be a reality
- ❖ Chinese Researchers Stop **Wheat Disease** with **Gene Editing**
- ❖ **Spinach** could lead to **alternative energy** more powerful than Popeye

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Healthcare & Pharmaceutical



- ❖ **VaxLiant achieves first sales** in freshman year



- ❖ Teaming up to research **personalized cancer care**



- ❖ **Novartis** plans to test **Alzheimer's drugs** in patients **without symptoms**



- ❖ **University of Iowa** acquires one of **world's largest collections of eye tissue**
- ❖ **Baby** thought cleared of **HIV** has **virus** again
- ❖ **GSK** Offers **\$1 Million Award** for Healthcare Innovations
- ❖ Metal Fillings No More: **Lasers Used to Rebuild Teeth**
- ❖ **STAP** retracted
- ❖ Is **Genetically Modified Wheat** the Solution to **Celiac Disease?**
- ❖ **Gene therapy** creates '**biological pacemaker**' cells for the **heart**
- ❖ World-first **textile application** for **Kraig Biocraft's spider silk**; medical and industrial uses on horizon
- ❖ Excitement over **blood test** to **predict Alzheimer's**
- ❖ **Sanofi dengue vaccine promising** but questions remain
- ❖ Genetic method to turn **stem cells into blood** discovered
- ❖ A Call to **Fight Malaria** One Mosquito at a Time by **Altering DNA**
- ❖ **Tuberculosis cocktail** stirs hopes for quick **cures in patients with HIV**
- ❖ **Pet Meds: Tested on Humans, Safe for Animals**

Healthcare & Pharmaceutical
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Industrial & Environmental

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- ❖ **Kemin increases Des Moines expansion** to \$125 million



- ❖ **Lesaffre announces acquisition of Butalco**



- ❖ Students Present Research at **Corn Utilization Conference**, Take **First and Second Place** in Poster Competition
- ❖ **Quad County Corn Processor** produces **Iowa's first cellulosic biofuels at scale**
- ❖ **Valent BioSciences Corporation** Unveils its State-of-the-Art **Biorational Manufacturing Facility in Osage, Iowa**
- ❖ **Sir Richard Branson** Urges Biotechers to Save the World **(with \$25M Prize)**
- ❖ World's **cocoa crop** could get a big boost from a simple, **non-toxic spray**
- ❖ World-first **textile application** for **Kraig Biocraft's spider silk**; medical and industrial uses on horizon
- ❖ **U.S. EPA approves new fuels** for federal biofuel mandate
- ❖ **Vermont Low Sulphur Requirement** is Biodiesel Boon
- ❖ **Manure-Fed Biofuels** Might Make For New Crop At Dairy Farms
- ❖ **Cummins ETHOS 2.8L Engine** Demonstrates 50 to 80 Percent Reduction in Carbon Dioxide Emissions
- ❖ **Indonesian palm oil exports may fall 9.5 pct** in 2014 -sector body
- ❖ Green and yellow – **straw from oilseed** as a new source of **biofuels**
- ❖ **Spinach** could lead to **alternative energy** more powerful than Popeye
- ❖ **SeaWorld** uses **Coca-Cola's PlantBottle technology** for new packaging
- ❖ Soon, **grocery bags** from **vegetable waste**
- ❖ **New technique** could help to **lower cost of next-generation biofuels**

Subscriber Information

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This message was sent to you as a benefit of membership with IowaBio 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 info@iowabio.org. Membership details are also available at www.iowabio.org/membership.

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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IowaBio 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 Melissa Moyer at (515) 327-9156 or melissa@iowabio.org.