

May 2014

MONTHLY UPDATE



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New Member Spotlight

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Ag Ventures Alliance

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Ag Ventures Alliance, located in Mason City, is a business development co-op for agricultural projects. They were formed in 1999 by a group of farmers who wanted to develop companies that add value to their commodities past the farm gate. The first project was a 5 million bird laying hen facility in Thompson, Iowa. That was followed up by a 100 million gallon per year ethanol plant in Lakota, Iowa. Recently they developed the largest aquaculture farm in the United States near Brownville, Texas. The 1,200 members of Ag Ventures individually provide the investment capital to develop the projects. The membership consists mostly of farmers in Iowa and Minnesota but membership is open to any person or organization.

Currently Ag Ventures is working on developing a Combined Heat and Power Plant co-located with an ethanol plant in Mason City. They are also looking to develop a corn stover treatment plant that will increase the nutritional value of the stalks as a cattle feed.



Ag Ventures also raises money for earlier stage agricultural companies by having their members capitalize the company, much like an angel network would. They also do some direct investments in early stage agricultural deals.

Recently Ag Ventures has been offering bus tours to various agricultural points of interest. This summer they will be offering lunch and learns. Field demos of new technologies in agriculture are put on for members also.

To learn more about Ag Ventures or becoming a member, please contact Rusty Schmidt, Business Developer, at 641-425-8946. His email is rschmidt@agventuresalliance.com Please check us out on the web at www.agventuresalliance.com.

Upcoming Events

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Midwest Events

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IowaBio 4th Annual Golf Outing

June 5, 2014 / Norwalk, IA

IowaBio will be hosting its Fourth Annual Golf Outing on Thursday, June 5th, at The Legacy Golf Club in Norwalk, Iowa. The outing is for IowaBio members/affiliates and guests of our sponsoring vendors. The event will offer a great day of fun and prizes, as well as opportunities to network with our generous event sponsors! 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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IowaBio 20th Anniversary Celebration

June 5, 2014 / Des Moines, IA

On the evening of Thursday, June 5th, IowaBio will be celebrating its 20th Anniversary with a night of food, drinks, raffle prizes and I-Cubs. This event will take place at Principal Park and is open to all biotech industry members and their families. The event will kick off with a 5:30pm tailgate including drinks, giveaways and tasty food. The game begins at 7:05pm and will wrap up with a spectacular firework show.

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Global Events

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Drug Discovery & Therapy

World Congress

June 16-19, 2014

Boston, MA

BIO International

Convention

June 23-26, 2014

San Diego, CA

Food Taipei

June 25-28, 2014

Taiwan, China

Infectious Diseases World

Summit 2014

July 9-11, 2014

Boston, MA

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

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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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 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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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



- ❖ **Feed Energy** Announces 2014 “Excellence in Ag” Scholarship Recipients



The miracles of science™

- ❖ Scientists help **corn** withstand **drought stress**



- ❖ **Monsanto** to Introduce **40 New Seed Varieties** in **Nigeria**

- ❖ USDA Announces Support for **Renewable Biomass Energy**

- ❖ **Israel's Evogene** enters field of **insect resistance** and control

- ❖ No word expected on **China GMO corn decision** until summer

- ❖ **Dow two-Bt soybean insect-resistant** trait approved

- ❖ **French ban on GMO maize** cultivation gets final approval

- ❖ Base **Food Labeling on Fact, Not Fear**

- ❖ **Vermont** is **first state** in U.S. to **mandate genetically modified food labels**

- ❖ **GMA** Seeking To Overturn **Vermont's GMO Labeling Law**

- ❖ **Ag Census** Demonstrates Real **Growth in Renewables** from Farms and Ranches

- ❖ **Food-Contact Approved Bioplastic** 'Ready for Commercial Scale'

- ❖ **Dow** making limited rollout of new **Enlist GMO corn in Canada**

- ❖ **Red wine health benefits** 'overhyped'

- ❖ Discussion on Benefits of **Biotech Crops in Egypt**

- ❖ **Ceres Awarded Patent** for Innovation in **Corn**

- ❖ Ag giant **ADM** boosts **greener palm oil**

- ❖ **Cornell study: GMO labeling** would cost NY families



- ❖ **Cellular Engineering Technologies & John Paul II Medical Research Institute** Join Forces to Offer Cutting-Edge **Personalized Cancer Diagnosis and Treatment** to Patients



- ❖ **Lilly's diabetes drug** outshines world's most popular **insulin**
- ❖ New studies show that **young blood reverses effects of aging** when put into older mice
- ❖ New Meta-analysis Confirms: **No Association between Vaccines and Autism**
- ❖ **Stem Cells** from a **Diabetes Patient**
- ❖ **Stem Cells** from Humans Repair **Heart Damage** in **Monkeys**
- ❖ Scientists receive \$2.3M grant to develop **new technology to diagnose cancer, rheumatoid arthritis and colitis**
- ❖ **Lundbeck gets MJFF grant** for **biological markers** identification in **Parkinson's disease**
- ❖ Genome scientist **Craig Venter** in deal to make **humanized pig organs**
- ❖ **Mount Sinai** dermatologist leading breakthrough **treatment of severe eczema**
- ❖ New immunotherapy uses **patient's cells to attack tumors**
- ❖ Biotech Company **Sanaria** Launches \$250k Crowdfunding Campaign on **Indiegogo to End Malaria**
- ❖ **Red wine health benefits** 'overhyped'
- ❖ **Tesaro's nausea drug** meets main goal in final trial
- ❖ New **medical gel grows bone tissue** exactly where you need it
- ❖ **Breath test for cancer detection** and other conditions could offer less invasive diagnostic
- ❖ **Coral could prevent HIV:** newly discovered **protein blocks infection**
- ❖ **Human Stem Cells** Get Mice with **MS-Like Disease** Walking
- ❖ **Brain Tumors Killed with Gel-Encapsulated, Herpes-Loaded Stem Cells**

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- ❖ **MCG BioComposites** Awarded Second **i6 Green Challenge Grant**



The miracles of science™

- ❖ **DuPont CEO** asks Congress, White House to **keep ethanol mandate**
- ❖ **Iowa** cooperative breaks ground on **renewable fuels retail location**
- ❖ A great time for **biotech**
- ❖ USDA Announces Support for **Renewable Biomass Energy**
- ❖ **Biofuels** Community Celebrates **Signing of Renewable Fuels Bill**
- ❖ **Shrimp Shells** Could Provide **Biodegradable Plastic** Alternative
- ❖ **Green Cross Russia** develops groundbreaking method that generates cleaner and cheaper **energy from animal waste**
- ❖ **Gene Silencing** Used to **Increase Seed Oil** Content in **Jatropha curcas**
- ❖ Better yield thanks to a **coal waste product**
- ❖ **Kraig Biocraft Laboratories' Spider Silk** Production Poised to Double
- ❖ **Ag Census** Demonstrates Real **Growth in Renewables** from Farms and Ranches
- ❖ **Food-Contact Approved Bioplastic** 'Ready for Commercial Scale'
- ❖ Idle **biodiesel plant in southeast Nebraska** will be renovated to resume producing fuel
- ❖ Guest column: **Ethanol production** isn't to blame for **rising food prices**
- ❖ Developments in **compostable, biodegradable polymers** made from **renewable feedstock**

In Other News

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Former Secretary of State Hillary Rodham Clinton to Deliver Keynote Address at BIO International Convention

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Former Secretary of State Hillary Rodham Clinton will deliver a keynote address at the [2014 BIO International Convention®](#) in San Diego. The Keynote Luncheon will take place on Wednesday, June 25 from 12:00 – 1:30 pm PDT. The BIO International Convention regularly draws over 15,000 attendees, offers key networking and partnering opportunities and provides insights and inspiration on major trends affecting the industry.

“We are thrilled to be joined by Secretary Clinton at the 2014 BIO International Convention,” said Jim Greenwood, President & CEO of BIO.

Hillary Rodham Clinton served as the 67th U.S. Secretary of State from 2009 until 2013, after nearly four decades in public service. Her "smart power" approach to foreign policy repositioned American diplomacy and development for the 21st century. Clinton played a central role in restoring America's standing in the world, reasserting the United States as a Pacific power, imposing crippling sanctions on Iran and North Korea, responding to the Arab Awakening and negotiating a ceasefire in the Middle East. Earlier, as First Lady and Senator from New York, she was a champion of human rights, democracy, and opportunities for women and girls. Clinton also worked to provide health care to millions of children, create jobs and opportunity, and support first responders who risked their lives at Ground Zero. In her historic campaign for President, Clinton won 18 million votes.

Wednesday's Keynote session is sponsored by Genentech, and is open to Convention registrants with Convention Access and Convention Access & Partnering badges only. Seating is limited.

For detailed descriptions and a full program, please visit convention.bio.org.

About BIO

BIO is the world's largest trade association representing biotechnology companies, academic institutions, state biotechnology centers and related organizations across the United States and in more than 30 other nations. BIO members are involved in the research and development of innovative healthcare, agricultural, industrial and environmental biotechnology products. BIO also produces the [BIO International Convention](#), the world's largest gathering of the biotechnology industry, along with industry-leading investor and partnering meetings held around the world. [BIOtechNOW](#) is BIO's blog chronicling "innovations transforming our world" and the BIO Newsletter is the organization's bi-weekly email newsletter. [Subscribe to the BIO Newsletter](#).

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.