

April 2014

# MONTHLY UPDATE



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## Participation Opportunities

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## Survey: How to Get More Businesses Engaged in STEM

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More and more businesses in Iowa are seeking ways to connect with Governor Branstad's STEM Advisory Committee efforts. Becoming involved in the Governor's STEM initiative is an excellent way to support education in Iowa in the curriculum areas of science, technology, engineering and mathematics.

Iowa Economic Development Authority Director Debi Durham recognizes the commitment of the biotech industry to STEM education. She has requested our help by asking IowaBio newsletter subscribers to complete a brief survey seeking information about how more businesses can be engaged to join and connect with the state's STEM initiative. IowaBio members are encouraged to participate in this short survey [by clicking here](#).

Established in July 2011 by executive order, the Iowa Governor's STEM Advisory Council is a public-private partnership focused on increasing student interest and achievement in science, technology, engineering and mathematics (STEM) and promoting STEM economic development. The Council works to engage and prepare students for a career-ready path, regain our state's historic leadership position in education, and provide a vital competitive economic advantage. The 45-member Council is chaired by Lt. Gov. Kim Reynolds and Vermeer Corp. CEO Mary Andringa. For more information, visit [www.iowaSTEM.gov](http://www.iowaSTEM.gov).

# 4<sup>th</sup> Annual Golf Outing



## IowaBio's 4<sup>th</sup> Annual Golf Outing

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Iowa Biotech Association 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!

### **Schedule**

8:00am Registration & Breakfast  
8:15am Putting Contest & Expo  
9:20am Welcome & Course Rules  
9:30am Shotgun Start

A play-through lunch will be provided and the event will wrap up with contest and raffle prizes. To register for the 4<sup>th</sup> Annual Golf Outing, please visit [www.iowabio.org/golf](http://www.iowabio.org/golf). Additional information about Sponsorship opportunities is also on this page if you wish to be a sponsor this year.



*In the evening following the golf outing, IowaBio will be hosting and celebrating its 20<sup>th</sup> Anniversary at an I-Cubs game at Principal Park. This event is family-friendly and is open to all biotech industry affiliates. More information is available below.*



## IowaBio's 20<sup>th</sup> Anniversary Celebration

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On **Thursday, June 5th**, IowaBio will be celebrating its 20th Anniversary with a night of fun at an **Iowa Cubs game!** This free 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" picnic in the mezzanine including drinks, giveaways and tasty food. Any children who arrive prior to 6:30pm will have the chance to put their name in a raffle to throw the evening's first pitch! The game begins at 7:05pm and will wrap up with a spectacular firework show.

There are currently 100 tickets reserved for IowaBio guests and we encourage everyone to share this event with co-workers and industry affiliates. We would love to see many of you there and offer you the chance to meet our new Executive Director, Joe Hrdlicka, who began April 1<sup>st</sup>. To reserve your tickets, **please visit** [www.iowabio.org/anniversary](http://www.iowabio.org/anniversary).

If you have any questions, please contact Melissa Moyer at [melissa@iowabio.org](mailto:melissa@iowabio.org) or 515-327-9156.

# New Member Spotlight

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## Lesaffre/Red Star/Bio Springer

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[www.lsaf.com](http://www.lsaf.com)

### **How These Companies Work Together**

Lesaffre Yeast Corporation (LYC) is a wholly owned subsidiary of the Lesaffre Group and Red Star Yeast Company is a joint venture between LYC and ADM. Bio Springer, which was founded in 1872 in Paris, France is also wholly owned by the Lesaffre Group and established a plant in Cedar Rapids, Iowa in 2010.

### **About Lesaffre & Red Star**

For more than 150 years, Lesaffre and Red Star have remained passionate about bringing superior yeast products to the baking industry. They proudly lead their industry with RED STAR and SAF brand products that have set the standard of quality and innovation for generations.

Their people, processes and principles are focused on delivering the World's Finest Yeasts for traditional and gourmet baking; winemaking; brewing; distilled beverages; fuel ethanol; and for the agricultural and pharmaceutical industries.

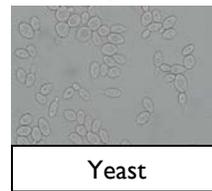


Lesaffre and Red Star have rich histories that can be traced back to 1853 and 1882, respectively. Learn more about how these two companies began and came to be partners in the yeast industry:

- [History of Lesaffre](#)
- [History of Red Star](#)

Lesaffre and Red Star offer an extensive mix of yeast products and baker's ingredients including, but not limited to:

- Baker's Yeast Products
- Premium Dough Conditioners
- Chemical Leaveners
- Malted Ingredients
- Yeast Foods
- Dough Blends
- Wine Yeasts
- Brewing Yeasts
- Distillers Yeasts
- Fuel Ethanol Yeasts
- Feed Yeasts
- Probiotic Yeasts



For a full list of their available products, [please click here](#).

If you would like to order samples of their products, you may visit [www.lsaf.com/samples](http://www.lsaf.com/samples).

### **About Bio Springer**

Founded in 1872 in Paris, France, Bio Springer is one of the oldest yeast extract producers worldwide, with manufacturing plants in the United States of America, France, Brazil, and China. It is a global yeast extract producer; its expertise is exclusively focused on providing natural yeast-based ingredients.

Offering a wide range of specialized ingredients, and supported by a large Research & Development department with in-house technical staff, Bio Springer can solve your toughest problems and develop custom solutions to meet your specific needs. BioSpringer benefits from the expertise of its parent company, Lesaffre, and its extensive collection of yeast strains and its expertise in industrial yeast applications developed over the past 160 years.

Bio Springer has recently completed two new yeast extract plants. These new Bio Springer plants are located in Cedar Rapids, Iowa (USA) and in Laibin, Guangxi (China) and both opened in 2010. As Bio Springer continues to invest, it is easier today to obtain the highest quality Bio Springer yeast extracts wherever and whenever you need them. At both of these sites there also is Lesaffre baker's yeast production which allows significant industrial synergies.

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Learn more about Bio Springer:

- [Information Flyer](#)
- [Products](#)
- [Applications](#)
- [Services](#) (Including their Culinary Center, Research on yeast and yeast autolysis, and Partnerships)

### **IFT Annual Meeting & Food Expo**

On June 22-24, Bio Springer will be participating in the IFT Food Expo in New Orleans, LA. If you will be attending this event and would like to visit with Bio Springer, you can find them at booth #3223. The IFT Annual Meeting & Food Expo brings together more than 18,000 of the world's top food science and technology professionals in the global food industry, to learn about the most recent product, ingredient, technology developments, and their potential business impact, as well as to identify trends that will shape the industry. For more information, please visit the [IFT Food Expo website](#).

### **SIMB Annual Meeting**

The Society of Industrial Microbiology and Biotechnology will hold their Annual Meeting in St. Louis, MO on July 20-24<sup>th</sup>. Bio Springer will be exhibiting and presenting a poster on the characterization of yeast extract. The technical program will feature sessions in the five traditional areas of the meeting. These include Biocatalysis, Environmental Microbiology, Fermentation & Cell Culture, Natural Products, and Metabolic Engineering. For more information, please visit [www.simbhq.org/annual](http://www.simbhq.org/annual).

### **Contact**

For more information about Lesaffre/Red Star/Bio Springer, please contact Jim Alferman, Biotech Sales Manager, at [jim.alferman@biospringer.com](mailto:jim.alferman@biospringer.com) or 314-550-9009.

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## **Iowa Innovation Corporation**

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IOWA INNOVATION  
CORPORATION

### **Connecting with the Iowa Innovation Corporation**

There's a lot of good things happening in economic development throughout the state of Iowa. Good ideas are springing up in communities large and small, in universities, in community colleges, in established companies. Why? Innovation is the key to our ability to compete on a global stage.

But nurturing innovation isn't always easy. A good idea has to be developed and vetted. It has to find the right advocates. It needs funding to grow from concept to commercialization. It takes resources and a commitment that often requires connections and collaboration from other entities such as the universities, businesses, etc.

This connecting and collaboration can be brutal if you don't know where to go.

Two years ago, the Iowa Innovation Corporation was launched by a public/private partnership to be the innovation intermediary in Iowa. Notice the small "i" in innovation. We aren't creating the innovation, we are nurturing it – making sure all the players in Iowa's innovation ecosystem understand there is probably someone who can help answer a question, solve a problem, help accelerate the good idea into a bankable venture.

Not only are we helping identify and facilitate connections and collaborations, we are also charged with filling the gaps – identifying where the innovation system needs to be strengthened. Because we were created and are led by a public/private partnership we can both identify gaps, and we can do something about it. In the coming months, we will be even more active in assisting individual companies that need help finding the right resources -- financial, technical, strategic and tactical -- to help them navigate the rough spots they encounter throughout their business life cycle.

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For example, for many years, there has been a lack of funding to move ideas from concept to commercialization. Now, with the support of the Iowa Economic Development Authority, we advocate annually for the continuation of a state-funded source of funding that makes programs like the Demonstration Fund, Proof of Commercial Relevance and Proof of Concept possible. We encourage the development of seed and venture funds from angel to institutional to support Iowa-led businesses by lobbying the legislature for tax credits.

In addition, we look for ways to leverage federal funding to fine-tune our innovation ecosystem. For example, we recently administered an i6 green challenge grant from the Economic Development Administration to encourage the development of green companies and technologies. Our original goal was to support five new companies and five new products. We exceeded expectations and supported the development of nine companies and six products, with four additional products well on their way to commercialization. The grant not only demonstrated that Iowa's process of accelerating good ideas could work, but announced to the country it does work.

Many people struggle to identify what we do. We think it is simple: we help Iowa ensure success in the global marketplace. We want to make sure conversations, connections and collaborations are happening so that every good idea has a chance. After all, innovation is what Iowa was built on.

So, what's in it for you as members of the Iowa Biotech Association? Everything. You are part of us because biosciences, along with advanced manufacturing, IT and financial services are the very fabric of Iowa's economic success. We, along with your members, as well as public/private partnerships that include the state's educational system, government and companies, are working to ensure that the resources are in place so that economic development can happen organically here, with our own hard work and good ideas.

If you would like to learn more, visit our website at [www.iowainnovationcorporation.com](http://www.iowainnovationcorporation.com) or 855.421.4038.

## Upcoming Events

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### Midwest Events

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#### **SMART Economic Development Conference**

**May 1, 2014 / Des Moines, IA**

The annual SMART Economic Development Conference is Iowa's largest annual conference devoted to economic development. The conference, now in its 29th year, is co-sponsored by the investor-owned electric and natural gas companies of the Iowa Utility Association (IUA) and by the Iowa Economic Development Authority (IEDA). The conference annually attracts approximately 500 economic development professionals, business leaders, chamber of commerce executives, community leaders, elected officials and other board members who influence economic development and public policy issues statewide and within their own communities.

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#### **IowaBio 4<sup>th</sup> 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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### Global Events

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#### **Adoptive T Cell Therapy Conference**

*May 7-8, 2014  
Boston, MA*

#### **BIO World Congress on Industrial Biotechnology**

*May 12-15, 2014  
Philadelphia, PA*

#### **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*

## IowaBio 20<sup>th</sup> 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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## 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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## Industry News

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

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## Food & Agriculture

### Food & Agriculture

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- ♥ The **Capital Corridor** to Become The **Cultivation Corridor**
- ♥ **NextFarm** companies to present in North Carolina
- ♥ **ACSH** Releases New Publication on **GM Food**
- ♥ Scientists create '**designer chromosome**' in **brewer's yeast**
- ♥ The **trials of making modified crops** a reality
- ♥ **Pompeo** reportedly to push **voluntary GMO labeling bill**
- ♥ **Legislation** would **ban state GMO labeling** measures
- ♥ **DIY chromosomes**
- ♥ Local scientists make **nylon out of sugar**
- ♥ **Purdue students** show how to **innovate with soybeans**
- ♥ Davis company **BioConsortia** raises **\$15M** in funding
- ♥ **Genetically Modified Tomato Study** Provides More Evidence of **GM Food Safety**

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## Healthcare & Pharmaceutical



- **Ground-breaking Research Made Possible by Exemplar Genetics**



- **Braasch Biotech** Continues to **Build Patent Portfolio** With Acceptances in the European Union, Russia and Israel



MedImmune

- **Viruses in bacteria** create buzz at **Science Festival**



- **Boehringer's Pradaxa** wins FDA backing for **DVT**



- **Novartis and Glaxo** Agree to **Trade \$20 Billion in Assets**

- Misconduct Found in **Acid-Bath Stem Cell Study**

- FDA OKs first **immunotherapy pill** for **grass allergens**

- **DIY chromosomes**

- **Blood Test** Devised to **Detect Solid Cancers** in a Clinical Setting

- New Study Identifies **microRNA's Role in Breast Cancer Metastasis**

- Meet **Spero, a biotech hopeful** with Roche's blessing and a **novel antibiotic**



**Iowa Renewable Fuels Association**

- ♥ **Iowa Legislature Stands Strong in Support of E15 and Biodiesel**



- ♥ **BIO Calls on EPA to Approve New Biofuel Pathways**

- ♥ **Iowa Legislators Considering Biodiesel Tax Credit Bill**

- ♥ **DSM to Make Biofuel by July** as EPA Considers Mandate Cut

- ♥ City **trash-to-biofuel** project takes step ahead for **Blairstown, Marion**

- ♥ Of auxins, toxins and raging hormones: Does **Biochar** really work?

- ♥ **Sierra Resins, Inc.** and **3D Printlife** Form a Venture to Introduce **3D Bioplastic Printer Filament**

- ♥ Biofuel Industry **Refutes UNL Corn Stover Study**

- ♥ **Scania** further widens its alternative fuel range: Unique **V8 engine for Euro 6 and 100 % biodiesel**

- ♥ **Reverdia** shows **100% bio-based succinic acid** at the American Coatings Show

- ♥ **Vilsack** outlines 3-pronged **RFS, U.S. ethanol strategy**

- ♥ 'Unzipping' **poplars'** **biofuel** potential

- ♥ **Ethanol Groups** Fight Back with **“Oil Rigged”**

- ♥ Slideshow: **Bio-based Material of the Year 2014 Innovation Award nominees**

- ♥ **DIY chromosomes**

- ♥ **North Dakota Canola** for **Aviation Biodiesel** Explored

- ♥ Japan discovers tech to turn **coffee grounds, rice bran into sturdy bioplastics**

- ♥ Changing **water** into wine: Er, will **jet fuel** do?

## In Other News

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### Iowa Biotech **Educator**

#### Spring 2014 Issue of ISU's "Educator" Released

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Highlights of this season's edition include:

- Register by May 16 for summer biotechnology education workshops
- Spring and fall career conferences for young women in grades 6-12
- Attend Iowa Academy of Science annual meeting
- News from ISU's Biotechnology Outreach Education Center
- Congrats to Science Bowl winners
- Biotech resources on the Internet
- Recycle lab supplies before leaving for the summer

[Click here to view the 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](mailto:info@iowabio.org). Membership details are also available at [www.iowabio.org/membership](http://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](mailto: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](mailto:melissa@iowabio.org).