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SAVINGS OPPORTUNITIES

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*** IowaBio's Primary Lab Supply Vendor ***



As a member of IowaBio, you enjoy exceptional savings on the Fisherbrand™ personal protective equipment you rely on every day, including:

- Shoe covers
- Bouffant caps
- Facemasks
- Gloves
- Glasses
- Goggles
- Lab coats
- And more!

Log in to your fishersci.com account today to start saving or [contact IowaBio](#) to be connected with a Fisher representative!

[Save Now](#)

Featured Product Savings



Fisherbrand Powder-Free Nitrile Exam Gloves

[Save Now >](#)



Fisherbrand Grey Safety Goggles

[Save Now >](#)



Fisherbrand Unisex Lab Coats

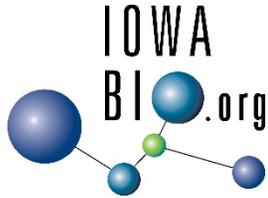
[Save Now >](#)

IOWABIO ANNOUNCEMENT

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2019 Membership Dues

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In 2015, IowaBio's Finance Committee challenged the Association to identify opportunities to increase our annual income in order to expand our membership benefits and services. Since that time, IowaBio has created, grown and executed a number of initiatives that have brought us close to this goal. We are now preparing to execute the final initiative, which involves an **increase in our membership dues beginning January 1, 2019**. At IowaBio, our dues have not increased in over 10 years and a model was recently approved that did not exceed 25 percent for each membership level – this means the maximum increase for nearly all members will not exceed \$500.

To view how your annual membership dues will change beginning January 1, 2019, please see the information below. If you have any concerns or immediate questions, please contact Joe Hrdlicka at joe@iowabio.org or 515-250-9798.

Most membership categories are based on the number of employees within the organization. Employment is considered to be organization-wide, not that portion based solely at Iowa locations. To see what type of member your company is, please search it in our [Membership Directory](#).

Entrepreneur

A core member or business/scientific consultant having up to five (5) employees

<u># of Employees</u>	<u>Current Annual Dues</u>	<u>2019 Annual Dues</u>
1 – 5	\$250	\$300

Core

Any corporation, partnership or other entity whose primary activity involves the ongoing application of life sciences

<u># of Employees</u>	<u>Current Annual Dues</u>	<u>2019 Annual Dues</u>
6 – 99	\$500	\$625
100 – 499	\$1,000	\$1,250
500+	\$2,000	\$2,500

Support

Any corporation, partnership or other entity whose primary activities involve providing services or products of benefit to companies/entities that are or could be Core or Institutional Members

<u># of Employees</u>	<u>Current Annual Dues</u>	<u>2019 Annual Dues</u>
6 – 99	\$750	\$925
100 – 499	\$1,500	\$1,875
500+	\$3,000	\$3,750

Institutional

Any nonprofit organization, research laboratory, academic medical center, college, university or governmental body with an interest or involvement in life sciences. No employee-count restrictions.

<u>Current Annual Dues</u>	<u>2019 Annual Dues</u>
\$1,500	\$1,875

PARTICIPATION OPPORTUNITIES

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Animal Health *in the* Heartland The Regulatory Outlook

RECEPTION & SYMPOSIUM

Nebraska Innovation Campus
2021 Transformation Drive
Lincoln, NE 68508

GENESEEK/NEOGEN TOUR

4131 N. 48th Street
Lincoln, NE 68504

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Confirmed Keynote Speaker: Greg Ibach!

The Iowa Biotechnology Association (IowaBio) and the Bio Nebraska Life Sciences Association (Bio Nebraska) are proud to announce the third annual **Animal Health in the Heartland** symposium. This year's symposium focuses on "The Regulatory Outlook" and is scheduled for Wednesday, July 26th, 2018 at the Nebraska Innovation Campus. The program will be preceded by a facility tour and networking reception in the afternoon and evening of Tuesday, July 25th.

Animal Health in the Heartland provides an opportunity for key federal, state, and industry leaders to collaborate, discuss solutions and address the world's foremost animal health issues. To learn more, please visit www.iowabio.org/animalhealth.

THE PROGRAM QUALIFIES FOR CEU HOURS

Iowa Residents

9 CEU Credit Hours

3 Scientific, 6 Management

Nebraska Residents

6 CEU Credit Hours

Missouri Residents

8 CEU Credit Hours

Register Now

The cost to attend is \$125 per person*

*College students can attend for free

PROGRAM 1

The State Perspective: New Regulatory Practices at The State Level

PROGRAM 2

The Regulatory View from USDA - Diagnostics, Guidance on Platforms and Prescriptions And Bringing Alternative Vaccines To Market

PROGRAM 3

Results of Transboundary Studies on Senecavirus and Other Disease

PROGRAM 4

How Do Innovation and Regulation Work "Hand-in-Hand"?

PROGRAM 5

The Impact and Consequences of Gene Editing on Regulatory Environments, the Food Supply and Export Markets

To view the agenda, speakers, nearby hotels or to inquire about sponsorship opportunities; please visit www.iowabio.org/animalhealth.

UPCOMING EVENTS

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Midwest Events

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Animal Health in the Heartland Symposium

July 25-26 | Lincoln, NE



The Iowa Biotechnology Association (IowaBio) and the Bio Nebraska Life Sciences Association (Bio Nebraska) are proud to announce the third annual Animal Health in the Heartland: The Regulatory Outlook symposium scheduled for Wednesday, July 26th, 2018 at the Nebraska Innovation Campus. The program will be preceded by a networking social the afternoon of Tuesday, July 25th. This event provides an opportunity for key federal, state, and industry leaders to collaborate, discuss solutions and address the world's foremost animal health issues.

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Clinical Trial Supply Midwest 2018

September 12-13 | Chicago, Illinois



Co-located with the prestigious Outsourcing in Clinical Trials Midwest conference, this event provides an excellent opportunity for you to participate in not just one, but two fantastic pharma conferences. Over the 2 days, the event provides an incredible platform for network, facilitating new business opportunities and collaborations.

As multiple complexities such as delays and regulations continue to affect multiple clinical trials worldwide, how can you ensure you have minimized the chance of being affected? In 2018, CTS Midwest will educate attendees with highly relevant presentations, interactive panel discussions and exclusive case studies to enhance efficiency in the clinical community.

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Outsourcing in Clinical Trials Midwest 2018: Exploring Innovative Strategies in Clinical Outsourcing and Operations to Optimize Trial Outcomes

***This event will be taking place at the Clinical Trial Supply Midwest 2018*
September 12-13 | Chicago, Illinois**

Outsourcing in Clinical Trials series has been developed through direct collaboration with and support from the local industry to ensure the conference is content-driven and addresses your most pressing clinical trial challenges. Delegates will hear from the most innovative companies in the region on how they have refined their outsourcing and clinical operations strategies. Issues being covered include how to manage change in the rapidly evolving clinical trials environment, achieving greater financial transparency, aligning goals with your partners and overcoming start-up and early phase development challenges.

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Midwest Drug Development Conference

October 1-2 | Omaha, Nebraska

In just one year, a handful of Midwest Academic Institutions rack up, \$5.61 billion in research, 2,179 new inventions, 614 Licensing agreements, 581 U.S. Patents, 42 new products, 91 startups formed, and 10 blockbusters. Attend this event to learn more about the technologies that 12 Midwest Institutions will be showcasing!

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Global Events

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The National Lifesciences Expo

July 10, 2018
Bletchley, England

BIO World Congress on Industrial Biotechnology

July 16-19, 2018
Philadelphia, PA

16th Asia Pacific Biotechnology Congress

Aug 15-16, 2018
Singapore

13th Biomass & Bioenergy Global Summit

Sept 4-5, 2018
Zurich, Switzerland

ABLC Global 2018

Nov 6-9, 2018
San Francisco, CA

MedHealth Expo

Nov 23-25, 2018
Nairobi, Kenya

World Congress on Novel Trends and Advances in Biotechnology

Nov 28-29, 2018
Barcelona, Spain

Member Spotlight

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Gross-Wen Technologies is an Iowa-based company working to solve one of the world's largest problems, water quality. The company was founded in 2013 by Dr. Martin Gross and Dr. Zhiyou Wen and is based on a technology they developed at Iowa State University. The algae system is capable of cost-effectively recovering nitrogen and phosphorus from wastewater.

Our Approach to Clean Water

Gross-Wen Technologies uses its **patented** wastewater treatment technology, known as the revolving algal biofilm system (RAB), to cost-effectively address new wastewater permits that are being required at municipalities. Our system uses algae to **recover nutrients such as nitrogen and phosphorus from wastewater**. Compared to other treatment options, our system is **significantly more affordable** and produces algae biomass which can be sold as a slow release algal fertilizer or bioplastic. Overall the process is carbon negative, making it the **most sustainable** approach to treat nitrogen and phosphorus from wastewater. Additionally, our RAB system can be used by industries to treat nutrients, CBOD and toxic metals.

Our Patented Technology

Our core technology known as the revolving algal biofilm treatment system (RAB) has **10x higher treatment capacity and biomass productivity** in comparison to conventional algal systems such as raceway ponds. The technology utilizes a rotating biofilm which allows for simple and low-cost algal harvesting.

To learn more about Gross-Wen Technologies visit: <https://gross-wen.com/>

NEWS FROM THE CAPITOL

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Department of Revenue Issues Guidance on Tax Reform Legislation

The Iowa Department of Revenue and Finance (IDRF) has offered guidance on the recent tax reform legislation passed during this year's session. [Click here to access the various guidance documents](#) that have been made public. Members should pay particular attention to the guidance on the Research Activities Credit. [SF 2417](#) as it passed and was signed by Governor Kim Reynolds specifies that companies must be in the business of "manufacturing, life sciences, software engineering or aviation and aerospace industry" to qualify for this credit. The guidance offered by IDRF specifies more specifics as to how agriscience applies to "life sciences". We will distribute more information on the rules associated with this legislation as it becomes available.

Naig Wins Republican Nomination for Secretary of Ag

Former IowaBio employee Mike Naig recently won the Republican nomination for Iowa Secretary of Agriculture and Land Stewardship. After serving IowaBio, Naig worked for IowaBio member Monsanto until he was appointed Deputy Secretary of Agriculture and Land Stewardship under Bill Northey. Governor Kim Reynolds appointed Naig to the post after Northey took a position at the U.S Dept. of Agriculture (USDA) under President Trump. Naig will face Democrat Tim Gannon, a farmer and former USDA leader, in the general election in November.

INDUSTRY NEWS

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News stories containing company logos indicate IowaBio members



SANOFI

Sanofi has sealed an initial three-year, \$45M licensing deal with Translate Bio for **mRNA vaccines**



US regulators have approved new evidence showing the **Novartis' Cosentyx** significantly **slows progression** of joint structural damage in patients with **active psoriatic arthritis**



Vertex Pharmaceuticals opens expanded San Diego **research center** with focus on **cystic fibrosis**



Merck Animal Health and Tyson Foods **donate \$500,000** to Texas A&M for **poultry research**



A partner at **Davis Brown Law Firm**, Sarah Crane, has been appointed as a judge in **Judicial District 5C**

MONSANTO



Dickinson County Fire District No. 1 receives \$2,500 as part of the **America's Farmers Grow Communities program**, sponsored by the **Monsanto Fund**

IOWA STATE UNIVERSITY
Biotechnology outreach brings science home



Bristol-Myers Squibb

Bristol-Myers Squibb receives approval from the CHMP, recommending **Opdivo** for the adjuvant **treatment** of adult patients with **Melanoma**

Genentech

A Member of the Roche Group

FDA grants **priority review** to **Genentech's** baloxavir marboxil for the treatment of **influenza**



Boehringer Ingelheim adds **Newport Laboratories** to its animal health business unit

SUBSCRIBER INFORMATION

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Monthly Newsletter

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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.

Capitol Report

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IowaBio began issuing a Capitol Report in February 2015. It is a legislative update issued on a periodic basis and allows readers to learn more about our legislative activities and bills that may affect the biotechnology industry. If you would like to receive these reports by email, please visit www.iowabio.org/capitolreport - a link to subscribe and view archives is available on this page.

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 Joe Hrdlicka at (515) 327-9156 or joe@iowabio.org.

SOCIAL MEDIA

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Iowa Biotech Assoc.



Iowa Biotechnology Association