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Iowa Biotech Association Monthly Update April 2011

This message was sent to you as a benefit of membership in the IBA.
If you would like more information on any topic or no longer wish to receive these messages,
please email Mike Ott at mikeott@iowabio.org or call (319) 621-8580

Breaking News

[Sign up today](#) for the First Annual Iowa Biotech Association Golf Outing at Legacy Golf Club in Norwalk on Tuesday May 17th! It is **FREE** and will be a fun way to network with other business partners. Nearly all IBA vendors will be there to share information on Purchasing Agreements, including Fisher Scientific, OfficeMax, VWR, Fisher Hamilton, Corning and GlobalReach.

The event will start with a Continental Breakfast at 8am with a Shotgun Start at 9:30am.

We [awarded scholarships to five excellent students](#) at the State Science and Technology Fair of Iowa. All five used the scientific method to study some aspect of biotechnology and plan on continuing their studies in the field. They will receive \$2,000 if they attend an institution of higher learning in the state of Iowa and \$1,000 if they choose to leave the state. We're proud to be able to offer this fantastic opportunity for these students and thank you for your support.

Featured Member

Diamond V has provided all-natural, research-proven nutritional fermentation products since 1943. They are headquartered in Cedar Rapids, Iowa, USA, and provide nutritional products that optimize digestive function and nutrition key to animal and aqua health, productivity, efficiency and profitability. Their commitment to innovation, technology and quality has earned Diamond V a global reputation of trust and reliability within the animal feed industry. Diamond V recently won a [Prometheus Award](#) for its ideas, growth and new market generation.

In 2005, Diamond V launched a human nutrition company called Embria Health Sciences to combine science and nature to bring high-quality, research-based natural ingredients to the global human nutrition market. Embria's flagship ingredient, EpiCor®, is an all-natural product that helps the body balance the immune system and is manufactured using a proprietary technology.

Healthcare & Pharmaceutical



KemPharm has reached an exclusive collaboration agreement with MonoSol RX to develop an ADHD drug: <http://www.press-citizen.com/article/20110425/NEWS01/110425002/KemPharm-MonoSol-Rx-collaborate-ADHD-drug>



NewLink Genetics plans to raise \$86 million in a public offering: <http://blogs.desmoinesregister.com/dmr/index.php/2011/04/15/newlink-seeks-to-raise-86-million-in-public-offering/>



Vertex entered in to a deal with the Cystic Fibrosis Foundation worth up to \$75 million to develop drugs to fight the most common form of the disease: <http://www.masshightech.com/stories/2011/04/04/daily45-Vertex-forms-75M-deal-with-CFF.html>



Eli Lilly and Medtronic are collaborating on treatment for Parkinson's disease: http://online.wsj.com/article/SB10001424052748703778104576286880921850062.html?mod=dist_smartbrief



Sanofi-Aventis has completed its takeover of Genzyme in a deal worth \$20.1 billion: <http://www.reuters.com/article/2011/04/09/us-genzyme-sanofi-idUSTRE7377H320110409>

Teva plans to buy Cephalon for \$6.8 billion: <http://dealbook.nytimes.com/2011/05/02/teva-to-buy-cephalon-for-6-8-billion/?nl=business&emc=dlbka8>

Novartis will sell a cannabis-based drug that is a treatment for multiple sclerosis: <http://www.reuters.com/article/2011/04/11/gw-pharma-novartis-idUSLDE73A0AX20110411>

A Minnesota 'anti-cloning' bill is being described as 'anti-business' by several biotech executives: <http://www.startribune.com/business/120994734.html>

Decoding the human genome is the goal of a new open-source movement: <http://gantdaily.com/2011/04/25/decoding-human-genes-is-goal-of-new-open-source-encyclopedia/>

Genome scans can help determine which cancer treatments have a higher probability of success: <http://consumer.healthday.com/Article.asp?AID=652080>

Researchers have developed an atlas of the human brain that may give insight into the progression of Alzheimer's disease:

http://online.wsj.com/article/SB10001424052748703518704576258842075419366.html?mod=dist_smartbrief

A blood marker is linked with the presence and severity of Alzheimer's disease, but is not helpful in projecting the risk of developing the disease:

<http://www.reuters.com/article/2011/04/05/us-alzheimers-clusterin-idUSTRE73475V20110405>

Two California companies are coming together to launch a stem cell database:

<http://www.masshightech.com/stories/2011/04/04/daily30-XenneX-BioTime-launch-stem-cell-research-venture.html>

Scottish scientists have successfully grown kidneys from stem cells:

<http://scotlandonsunday.scotsman.com/health/Scientists-in-donor-organ-breakthrough.6749138.jp>

Stem cell firm Aldagen withdrew its plans for an \$80 million IPO:

<http://www.medcitynews.com/2011/04/stem-cell-therapy-firm-aldagen-withdraws-plans-for-80m-ipo/>

Many recent biotech IPOs aren't faring well:

<http://blogs.wsj.com/venturecapital/2011/04/04/biotech-ipos-continue-bleeding-money/>

Industrial & Environmental



Fiberight is raising \$15 million to further its efforts to convert waste fibers to biofuel:

<http://www.techjournalssouth.com/2011/04/maryland-waste-to-energy-firm-fiberight-opens-15m-offering/>



Cargill is pursuing \$2 million in state incentives for its \$134 million project to convert the former Tate & Lyle plant to an integrated biorefinery:

<http://www.desmoinesregister.com/article/20110420/BUSINESS/110420011/Update-Cargill-Capital-Fruit-others-seek-state-incentives>

Cargill completed its acquisition of Royal Nedalco:

http://www.biofuelsjournal.com/info/bf_articles.html?ID=107111



The Danisco board approved an improved bid from DuPont for its takeover attempt:

<http://dealbook.nytimes.com/2011/05/02/danisco-board-backs-6-6-billion-dupont-bid/?nl=business&emc=dlbka22>



ISU researchers designed a virtual biorefinery model which will assist in training and teaching:

http://www.biofuelsjournal.com/info/bf_articles.html?ID=107874

Poet will collect corn oil at all of its facilities, producing enough to run a 60 MGPY plant:

<http://www.biodieselmagazine.com/articles/7698/poet-corn-oil-to-supply-up-to-60-mmgpy-of-biodiesel-production>

Highmark Renewables received a patent for its Integrated bioRefinery™

<http://biomassmagazine.com/articles/5399/highmark-renewables-receives-integrated-biorefinery-patent>

The Iowa State Energy Program awarded \$933,000 to increase usage of biofuels:

http://www.biofuelsjournal.com/info/bf_articles.html?ID=108126

BCAP funding will be cut, but the final levels are still undetermined:

<http://www.forestbusinessnetwork.com/1852/bcap-funding-cut-in-fy2011-budget-battle/>

E85 incentives have not been sufficient to encourage consumers to burn more ethanol:

<http://www.desmoinesregister.com/article/20110424/BUSINESS01/104240320/1030/Despite-E85-push-Midwest-slow-embrace-it>

The USDA and DOE announced funding for a joint Biomass R&D Initiative:

<http://www.energy.gov/news/10268.htm>

The USDA will offer a new program that would offer grants and loan guarantees to install E85 tanks and pumps in rural areas:

<http://www.desmoinesregister.com/article/20110409/BUSINESS01/104090322/USDA-aims-to-expand-E85-market>

The USDA will revise its biorefinery finance program in order to boost advanced biofuel production:

http://www.denverpost.com/business/ci_17876981

Biofuels could account for more than a quarter of global transportation fuel, according to the International Energy Agency:

<http://blogs.desmoinesregister.com/dmr/index.php/2011/04/20/125351/>

Brazil is expected to increase its imports of ethanol from the US due to high sugar prices:

<http://blogs.desmoinesregister.com/dmr/index.php/2011/04/06/tough-times-for-brazils-ethanol/>

The biobased product supply chain is expanding and numerous 'green' products are being unveiled: <http://www.checkmatepublicaffairs.com/bio-products/bioproductsarticle.php?storyid=2715&mode=simple>

Food & Agriculture



Congratulations to Diamond V for winning a Prometheus Award:

<http://www.desmoinesregister.com/apps/pbcs.dll/article?AID=2011104080338>



Kemin will buy American Dehydrated Foods for an undisclosed sum:

<http://blogs.desmoinesregister.com/dmr/index.php/2011/04/26/kemin-to-buy-pet-food-ingredients-plant/>

MONSANTO
imagine®



Monsanto is collaborating with Atlas Venture to identify strategic investments in early stage life sciences companies whose technology can be applied to agriculture:

<http://www.reuters.com/article/2011/04/14/us-monsanto-idUSTRE73D40U20110414>



PIONEER®
BRAND · PRODUCTS

Pioneer's high yielding seed corn can be planted later in the year, which is ideal when conditions delay springtime planting:

<http://www.desmoinesregister.com/article/20110427/BUSINESS01/104270344/1030/Pioneer-farmers-Stay-high-yield-seed-corn>



A new ISU study has shown that Iowa's soil has eroded much faster in recent years due to excessive rains and flooding:

<http://www.desmoinesregister.com/article/20110413/BUSINESS01/104130374/1001/>

ISU researchers are learning about how stress affects crop yields: <http://www.news.iastate.edu/news/2011/apr/howellStress>

Louis Dreyfus needs to raise capital and is considering a public offering, merger or investment from private investors:

http://www.nytimes.com/reuters/2011/04/05/business/business-us-louisdreyfus.html?_r=1&nl=business&emc=dlbka22

After several delays, corn planting in Iowa is beginning:

<http://blogs.desmoinesregister.com/dmr/index.php/2011/05/01/corn-planting-begins-in-iowa/>

Cuts in the USDA's budget will come from conservation programs and nutrition assistance rather than farm subsidies:

<http://blogs.desmoinesregister.com/dmr/index.php/2011/04/12/conservaton-nutrition-hit-in-budget-deal/>

The Global Biotech Crop Impact report shows a reduction in greenhouse gases and pesticide usage while increasing economic benefits

http://www.iowabio.org/documents/news/biotechglobalimpactpressreleaseAPRI_D9E0F913AA00C.pdf

The EPA will not regulate farm runoff right now, giving voluntary measures time to work:

<http://www.desmoinesregister.com/article/20110420/BUSINESS01/104200350/1030/EPA-chief-has-no-plans-regulate-farm-runoff>

Cows have been genetically modified to produce human milk:

<http://www.telegraph.co.uk/earth/agriculture/geneticmodification/8423536/Genetically-modified-cows-produce-human-milk.html>

New Members:

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

Events:

[2011 BIO Legislative Fly-In](#), Washington DC, May 3-4
Open to BIO Members only

[BIO World Congress on Bioprocessing](#), Toronto, CA, May 8-11
[IBA Presentation information](#)

[First Annual IBA Golf Outing](#), Norwalk, IA May 17

[BIO International Convention](#), Washington DC, June 27-30

Want to promote your biotechnology conference, symposium or training class? SEND A NOTE TO MICHAEL OTT AT mikeott@iowabio.org Members may submit their event for a free listing in our Monthly Update and on our website www.iowabio.org.

Speakers

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, including biotechnology, healthcare, food vs. fuel, legislative policy, investment and more. Contact Rachel Hurley at (515) 327-9156 or rachelhurley@iowabio.org

Today's Thought:

**Good business leaders create a vision, articulate the vision,
passionately own the vision, and relentlessly drive it to completion.**

--Thomas Hardy