



# bio buzz

Association for **Life Sciences** Industry

## Welcome to a new edition of **BioBuzz!**

In this issue, we've curated a selection of engaging news and events to keep you informed on the latest trends and developments in Alberta's life sciences industry. Discover the groundbreaking research published in Cell, an exciting partnership announcement, and must-attend upcoming events as you dig into this edition of BioBuzz!

**Estimated Reading Time: 8 minutes**

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**GET YOUR TICKETS NOW!**

# Health and Life Sciences Showcase & Awards Dinner

*Showcase • Guest Speakers • Investor Panel • Networking Reception • Awards Gala*

## Our Panels

Alberta Health Data Advantage  
Alberta's NeuroScience Revolution: Research and Innovation Unveiled  
Commercializing Medtech and Diagnostics Innovations  
Revolutionizing Cancer: Where Hope Meets Innovation

 September 26, 2024

 University of Calgary Downtown Campus

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Association for Life Sciences Industry

September 26, 2024

## **BioAlberta 2024 Health & Life Sciences Showcase and Awards Dinner**

BioAlberta's Annual Health & Life Sciences Showcase and Awards Dinner is set for the 26th of September 2024 at The University of Calgary Downtown Campus.

The all-day showcase will feature engaging panel discussions, networking opportunities, awards and an opportunity to chart the future of Life Sciences in Alberta.

What to expect:

- Panels on immunotherapy, neuroscience, medical device validation, and SME export support.
- BioAlberta Annual General Meeting.
- The prestigious investor pitch event.
- Awards and acknowledgment of industry successes in Alberta.

[Learn more about the showcase and purchase your tickets](#)

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**September 22 – 28, 2024**

**Celebrating science,  
innovation and solutions**

**#GBW2024**

September 22–28, 2024

### **Global Biotech Week: A Uniquely Canadian Concept Goes Global**

BioAlberta is a longstanding supporter of Global Biotech Week, which is generally held the last week of September.

Canada was the first country to originate a national Biotech Week back in 2003. What began as a modest advocacy and awareness string of events experience where provincial partners gathered grew into a national success story which gained traction and snowballed to encouraging [EuropaBio](#) to establish their own annual week of events in 2013. Today whether in United States, Europe, Australia, Canada or elsewhere, biotech innovation is becoming increasingly central to the global competitiveness of the industries and sectors that form the economic foundation of economies.

BioAlberta has celebrated our life sciences industry for over 25 years and been a part of Global Biotech week since its inception. The Health and Life Sciences Showcase, which will be held this year in Calgary on September 26, engages sector leaders in thought provoking panels to help promote the successes and future of our sector in Alberta. We cap off the day with our Annual Achievement Awards, which recognize our Vista Award recipient, Innovation of the Year, and Company of the Year. It has long been the signature event in Alberta for life sciences, and we are excited that it continues to grow every year.

Last year API led the creation of Alberta Life Sciences Week, and it's great to see how the ecosystem has embraced the opportunity to make this week a grassroots celebration. Many companies and organizations have created content and social events to support Life Sciences Week and creating excitement and enthusiasm for us. We encourage you to find an event that suits your interest and take part.

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## Industry News



### Discover the Complete Life Sciences Week Schedule

Stay in the loop with all the exciting events happening during Life Sciences Week!

Explore the full schedule to plan your involvement and [get the most out of this action-packed week.](#)

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### Entos led UofA-Dalhousie study published in Cell: Describes the Safe and Effective Delivery of DNA and RNA Using Proteolipid Vehicles.

[Entos](#)-led research, with collaborators from the [University of Alberta](#), [Dalhousie University](#), [Oisín Biotechnologies](#), and [Aegis Life](#), is now published in Cell online.

The article titled "Safe and Effective Delivery of DNA and RNA Using Proteolipid

Vehicles" describes the development of the proteolipid vehicle platform and shows its advantages for delivering genetic medicines to targeted tissues other than the liver in the body safely and effectively.

This is the first study to demonstrate re-dosable systemic delivery of DNA and RNA to tissues and organs beyond the liver, using a fusion-powered nanoparticle.

[Read more about this study and its publication](#)

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## **API and NAIT Partner to Boost Life Sciences Innovation**

API has entered into a new partnership with the [Northern Alberta Institute of Technology \(NAIT\)](#), combining resources, expertise, and facilities, including NAIT's [Centre for Advanced Medical Simulation \(CAMS\)](#), to enhance training and support in the Life Sciences ecosystem.

The new partnership will strengthen connections between industry experts and academia, upscaling program development and producing more qualified professionals.

[Read more about the partnership](#)

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## **Industry Events**

**PRAIRIE BIOECONOMY GUILD**

# UNLOCKING INNOVATION: HOW BIOINFORMATICS CAN DRIVE INDUSTRY ADVANCEMENT IN ALBERTA

**WITH ERIC MERZETTI**  
MANAGER, BIONET ALBERTA

**DON'T MISS IT!**

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**ERIN**  
EDMONTON REGIONAL  
INNOVATION NETWORK  
BRIDGING INNOVATION

POWERED BY  
**ALBERTA INNOVATES**

📅 Wednesday, October 9, 2024 • 5pm to 7pm  
📍 Brewsters (Mezz Room), 11620 104 Ave



**BIOINFORMATICS**  
**NETWORK**  
**ALBERTA**



**Genome**Alberta

October 9, 2024

## **Prairie BioEconomy Guild: BioNet Alberta**

Join us on October 9th as the Prairie BioEconomy Guild returns with a compelling presentation by Eric Merzetti. In this session, you'll explore the transformative power of bioinformatics—a key field that integrates biology, data analysis, and computational science. Discover how bioinformatics is revolutionizing biomanufacturing, energy production, and healthcare by optimizing microbial strains, enhancing biofuel production, and advancing personalized medicine. Learn how data-driven insights can accelerate R&D, improve sustainability, and drive innovation across these critical sectors. [Don't miss this opportunity](#) to see how bioinformatics is shaping the future of industry.



## **Where the world of healthcare meets**

Don't miss the 50<sup>th</sup> edition of Arab Health next year! As the healthcare industry's most important event, Arab Health plays an instrumental role in connecting regional and international policy leaders, thought leaders, and healthcare professionals through trade and innovation.

**Save the date: 27 - 30 January 2025**

[Register your interest](#) →

[Book a stand](#) →

January 27-30, 2025

## **Arab Health 2025: Join the Alberta Delegation**

Join the Government of Alberta, Edmonton Global, and CED at Arab Health, taking place January 27-30, 2025, in Dubai, UAE. This is a key event for the Middle East and North Africa healthcare industry, attracting over 130,000 visitors and 3,300 exhibitors from 76 countries.

The event will feature:

- A Virtual B2B Program with limited spots.
- Healthcare Industry Briefing open to all Canadian participants
- Exclusive Networking Opportunities.

The B2B program will run from November to mid-January and is limited to companies attending in person. Confirm attendance by contacting Nicole Ng-Muk-Yuen at [nicole.ngmukyuen@gov.ab.ca](mailto:nicole.ngmukyuen@gov.ab.ca). Application opens in October.

[Read more about this event](#)

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**CORPORATE MEMBERS**

# PLATINUM



# GOLD



# SILVER

