

July 2023

**Health and Life Sciences Showcase & Awards Dinner**

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**HLSS BioAlberta Achievement Award Nominations**

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**TELUS Community Safety and Wellness Accelerator**

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**Member Focal Point: CBRE**

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**In the news...**

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**New Member**



**September 28, 2023**

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

BioAlberta is thrilled to be celebrating our 25th anniversary this year! To celebrate 25 years of success, we will be having a grand celebration at our annual Health and Life Sciences Showcase & Awards Dinner.

HLSS will include panels and discussions on a variety of life sciences topics:

- Value-Based Medicine: Creating a win-win-win for patients, innovators and the healthcare system
- Artificial Intelligence: Accelerating life science innovation with world leading, Alberta expertise
- Alberta's Talent Challenge: Growing the skills and capacity of Alberta's life science sector
- Medical Device Challenges: Addressing barriers and the cost burden of Canada's regulatory processes
- "Founders Hot Stove:" Come listen to some of Alberta's life sciences entrepreneurs and founders discuss lessons learned from their journey, and offer advice to the next generation of innovators

HLSS will also see the return of BioAlberta's Pitch event, where innovative Alberta companies will pitch a "Dragons Den" style panel of investors, plus receive one on one advice from the investors present.

See details [here](#).



**August 15, 2023**

### **HLSS BioAlberta Achievement Award Nominations**

Nominations are now open for the BioAlberta Achievement Awards. The categories are: Company of the Year, Technology Innovation, and Vista Award. The Vista Award is a new category, and is presented to an individual or a team for their achievements in contributing to the Alberta life science cluster.

**Deadline August 15, 2023**

For more information on BioAlberta Achievement Awards [see here](#).

2023 Nomination Forms:

**Company of the Year  
Technology Innovation  
Vista Award**

**Upcoming Life Sciences Events**



accelerating social impact

# APPLICATIONS OPEN !

APPLY BY JULY 10, 2023

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

- ▶ SCALE
- ▶ VALIDATE
- ▶ AMPLIFY
- ▶ CONNECT

TELUS CSW IS PROUDLY FUNDED BY:



**July 10, 2023**

## TELUS Community Safety and Wellness Accelerator

Join the next TELUS Community Safety and Wellness Accelerator cohort and develop your business to reach new heights alongside a group of fellow purpose-led founders and world-class accelerator programming.

**Application Deadline: July 10, 2023**

See details [here](#).

SMART TALK PRESENTS

### Parameter Optimization in the Development of Protective and Assistive Technologies

**Sydney Schadan**

**Elham Kaviannasa**

**Register Now**

July 14, 2023 | ECHA 2-150 & Online | 12:00PM - 1:00PM MST  
Open to everyone. Masks optional.

SMART NETWORK UNIVERSITY OF ALBERTA

**July 14, 2023**

## SMART TALK

Join SMART Network for their monthly SMART TALK. This months talk will be presented by Sydney Schadan and Elham Kaviannasab on “Parameter Optimization in the Development of Protective and Assitive Technoloiges”.

See details [here](#).

# Novo Nordisk Alberta Diabetes Funding Competition:

An obesity and diabetes research opportunity



July 14, 2023

## NOVAD Funding Competition

NOVAD funding partners are inviting Letters of Intent (LOI) from Alberta-based investigators, and/or Alberta-based investigators working with entrepreneurs/small and medium enterprises as a team to support research within the health care system and commercial opportunities.

See details [here](#).

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## BIOTECHGATE DIGITAL PARTNERING

Virtual business development & licensing event  
Aug 28 – Sep 1, 2023

August 28 - September 1, 2023

## BioTechGate Digital Partnering

Biotechgate Digital Partnering is designed to support the business development & licensing of Pharma, Biotech, Medtech and Digital Health companies. Join five days of virtual partnering and establish new global connections thanks to pre-arranged one-on-one Zoom meetings in their business forum.

BioAlberta members get complimentary Premium Access. To get the promo code, please get in touch with Nisarg Patel at [nisarg@bioalberta.com](mailto:nisarg@bioalberta.com).

See details [here](#).

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## NOMINATIONS ARE OPEN

**September 15, 2023**

### **2023 Diversity and Equity in Research Award**

Health Research Foundation Launches Call For Nominations for New Diversity And Equity In Research Award

Nominate an individual who is advancing diversity and equity in health research by September 15.

See details [here](#).

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**September 21, 2023**

### **Diversity and Participant Protection in Clinical Trials**

Join the Clinical Research Association of Canada for a evening covering diversity in clinical trials and harmonizing clinical research for participant protection.

Presenters.

1. Alex Karabanow and Janice E. Parente, Human Research Accreditation Canada: Harmonizing Clinical Research through National Standards and Accreditation
2. Pertice Moffitt, Manager, Health Research Programs at Aurora Research Institute: Indigenous perspective on inclusion in clinical trials
3. Lorena Kuri, TransCelerate BioPharm: Sharing diversity tools

See details [here](#).

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## Business Benefits Finder

Find the right programs and services using the Business Benefits Finder

In two minutes, get a tailored list of government programs and services for your business. From funding to advice, everything you need. All in one place.

See details [here](#).

## Talent Hub



Funding Opportunity: Apply NOW for Summer 2023!

Receive \$5000 in wage support to hire an Alberta student to help your business move forward.

Contact [jamie@bioalberta.com](mailto:jamie@bioalberta.com) or visit [WIL](#) for more information.



BioAlberta members have access to BioTalent Canada's job board, The PetriDish. Members can post five FREE jobs annually.



BioTalent Canada has funding opportunities open, which include:

- Student Work Placement Program (SWPP) with up to \$7000 wage subsidy.
- Skilled Newcomer Internships Program with up to \$20,000 wage subsidy.

View all Wage Subsidy programs [here](#).

Summer SWPP applications are due by July 28th, 2023, 5:00pm ET. Applications must be completed by all parties (Employer, Participant and Academic Contact) and showing a status of 'submitted' by that

time.

In addition, funding spots for Fall and Winter are steadily filling. Please do not wait to submit applications if you wish to take advantage of SWPP 2023-24 funding.

For questions regarding SWPP please contact:

**Colleen Hayes**

**Manager of Outreach**

**Phone:** (613) 235-1402 ext. 221

**Email:** [chayes@biotalent.ca](mailto:chayes@biotalent.ca)

## Member Focal Point: CBRE



### CBRE Life Sciences

- CBRE is a global, industry-leading provider of world-class workplace solutions for life sciences and biotech companies. Whether you are a startup looking for bench space or an established company looking for your next location, we invite you to connect with us to discuss your lab, manufacturing, and critical environment requirements.

### CBRE's take on Edmonton Life Sciences

- With top-rate facilities, research and development institutions, government-backed initiatives and robust AI capabilities, the Edmonton Metropolitan Region hosts up to 60% of Alberta's life science companies and contributes to 7.5% of the Region's GDP. The Region is home to more than a dozen large pharmaceutical and medicine manufacturing firms and institutions, as well as The University of Alberta, which has one of the largest faculties of pharmacy in Canada and is known for its ability to transfer research into the marketplace. Edmonton's International Airport is the first airport in Canada to obtain CEIV certification for pharmaceutical handling through the International Air Transportation Association. This designation is an example of the coordinated effort in the region which positions Edmonton not only as a dominant player in research and development, but also large-scale manufacturing and distribution.

**Based on CBRE's 2023 latest U.S. Life Sciences Outlook, we have identified valuable real estate trends in the Life Sciences industry and here is what we are seeing:**

#### Trends in supply & demand:

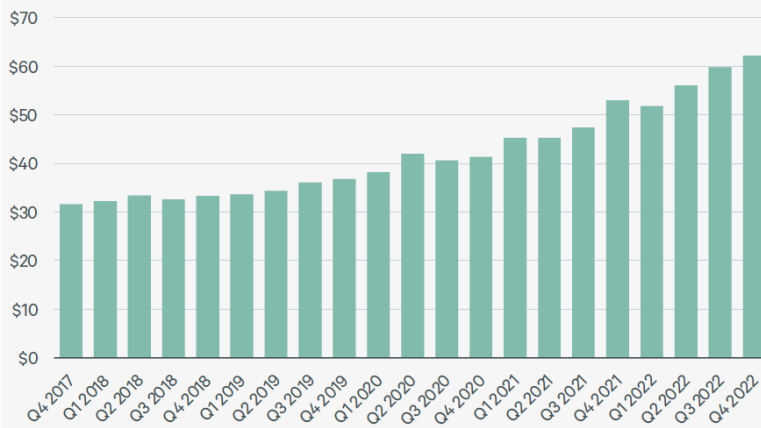
- After record years in 2020 and 2021, growth of the U.S. life science industry has returned to a more normal pace in 2023, although demand for lab/R&D spaces remains well above pre-pandemic levels.
- CBRE forecasts that total life sciences lab/R&D space may increase by more than 20% over the next two years as a record-high amount of new construction is currently underway. This likely will push the vacancy rate up moderately.
- U.S. life sciences laboratory/R&D inventory has grown by 47% over the past five years to 181.7 million sq. ft. with a record 40.2 million sq. ft. of new construction currently underway.
- The total inventory should grow another 22% to more 220 million sq. ft. in the next two years.

#### Trends in cost of buying and occupying lab space:

- Life sciences investment sales volume is down to pre-pandemic levels, but pricing remains high, with cap rates at record lows amid robust investor sentiment.
- Average asking rents for lab/R&D space increased in the second half of last year. In



FIGURE 24: Lab/R&D Average Asking Rent (top 13 markets)

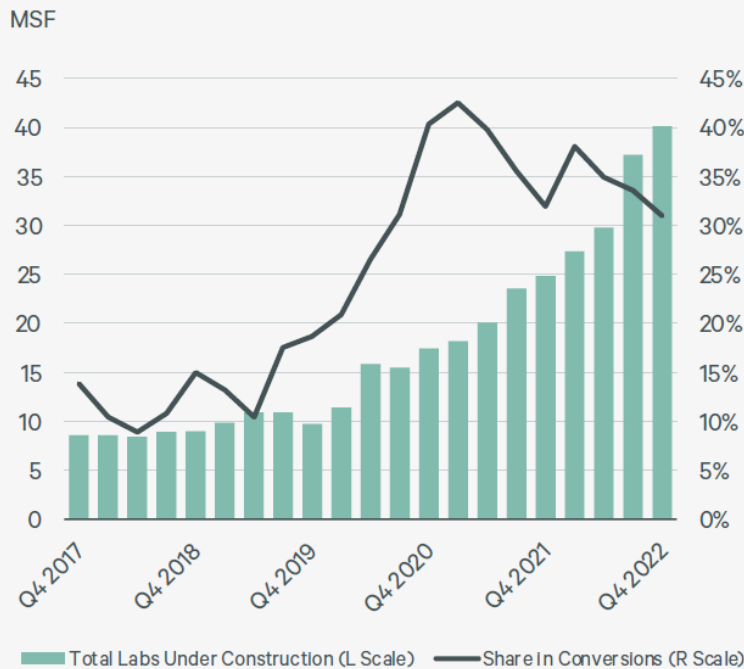


Source: CBRE Research, Q4 2022.

### Trends in building conversions:

- Although there is a record 12.5 million sq. ft. of conversion projects currently under construction, their share of the total construction pipeline fell to 31% in Q4 2022 from a high of 43% in Q1 2021.

FIGURE 21: Lab/R&D Construction Trends in Top 13 U.S. Markets



Source: CBRE Research, Q4 2022.

### Outlook for 2023:

- History suggests the life sciences industry is better positioned than many others to weather an economic recession this year.
- After a surge in life sciences lab/R&D investment sales in 2021, cap rates for these assets are beginning to stabilize and should remain favourable compared with other property types.
- While lab/R&D vacancy rates in the top U.S. life sciences markets have begun to rise, above-average and steady demand will underpin the sector's resilience in the year ahead.

Want to read more on CBRE's 2023 U.S. Life Sciences outlook? [Click here](#)



**Interested in learning about U.S. Life Sciences Research Talent?**

**Read CBRE's latest report [here](#).**



**Reach out to your local CBRE Life Science Contacts:**



**CBRE Edmonton: Mark Anderson**  
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**Executive Vice President**  
**Phone: +1 403 875 4288**  
**Email: [John.Fisher@cbre.com](mailto:John.Fisher@cbre.com)**

## In the news...

### PAN-CANADIAN ACTION PLAN ON ANTIMICROBIAL RESISTANCE

Federal, provincial and territorial Ministers of Health and Agriculture, are pleased to release the Pan-Canadian Action Plan on Antimicrobial Resistance (the "action plan"). The action plan is a five-year (2023 to 2027) blueprint to coordinate an accelerated pan-Canadian response to address antimicrobial resistance (AMR), one of the major health threats of our time.

Read more their complete press release [here](#).



Pan-Canadian Action Plan on Antimicrobial Resistance

### RESEARCHERS DEVELOP 'ICE INHIBITORS' TO PROTECT CELLS DURING CRYOPRESERVATION



**PanTHERA**  
CryoSolutions

Researchers have developed new synthetic molecules that prevent ice from forming around living cells as they're cryogenically frozen — an advance that could have wide-ranging applications including medical treatments, organ and tissue preservation, and reproductive medicine.

Read more their complete press release [here](#).

### FUTURE FIELDS APPOINTS SYNBIOBETA FOUNDER JOHN CUMBERS TO ADVISORY BOARD

Future Fields, a pioneering biotechnology company that has built the world's first synthetic biology system to use fruit flies for recombinant protein production, today announced that John Cumbers, Ph.D, the founder and CEO of SynBioBeta, has joined the company's advisory board.

Read more their complete press release [here](#).



### SEMPERA ORGANICS AND SINOVEDA CANADA PARTNER TO ADVANCE MUSHROOM TESTING AND INNOVATIONS

Semperpa Organics (Morgan Hill, CA), recently announced that it signed an MOU (memorandum of understanding) with Sinoveda Canada Inc. to accelerate the development of fungi-based wellness ingredients and products.

Read more their complete press release [here](#).



SINOVEDA

## New Member

## Our Partners

 Thank you to our partners 

### PLATINUM

**Deloitte.**

 **MERCK**  
INVENTING FOR LIFE



 **NOVARTIS**

 **gsk**  
GlaxoSmithKline



### GOLD



 **AstraZeneca**

 **Boehringer  
Ingelheim**

 **AMGEN**

 **BAUSCH+Health**

 **Biogen**

 **HORIZON**

 **BioTalent**  
Canada

 **DynaLIFE**  
MEDICAL LABS  
Your health is our focus.

 **GILEAD**

 **VERTEX**

 **Kite**  
A GILEAD Company

 **Takeda**

 **Medtronic**  
Pulse. Together.

 **novo nordisk**

 **INNOVATE**  
CALGARY

 **INNOVATIVE  
MEDICINES  
CANADA**

 **HABIT**

 **api**

 **SANOFI**

 **EY**  
Building a better  
working world

 **Roche**

### SILVER



[BioAlberta.com](http://BioAlberta.com)

