

February 2023

BioAlberta Policy Forum & Lunch

Prairie BioEconomy Guild

BioEnergy & BioGas Virtual Roundtable

Neurovation Webinar

BioTalent Canada Lunch n' Learn

Canada's Economic Immigration Programs

Dr. William Cochrane Health System Innovation Award

Talent Hub

Member Focal Point: Symbiotic EnviroTek Inc.

In the news...

New Members

Upcoming Events

2023 ANNUAL POLICY FORUM

Westin | Edmonton
March 7, 2023

Annual Policy Forum & Dinner

BioAlberta will return to its Annual Policy Forum & Lunch this year, held in Edmonton at the Westin Downtown.

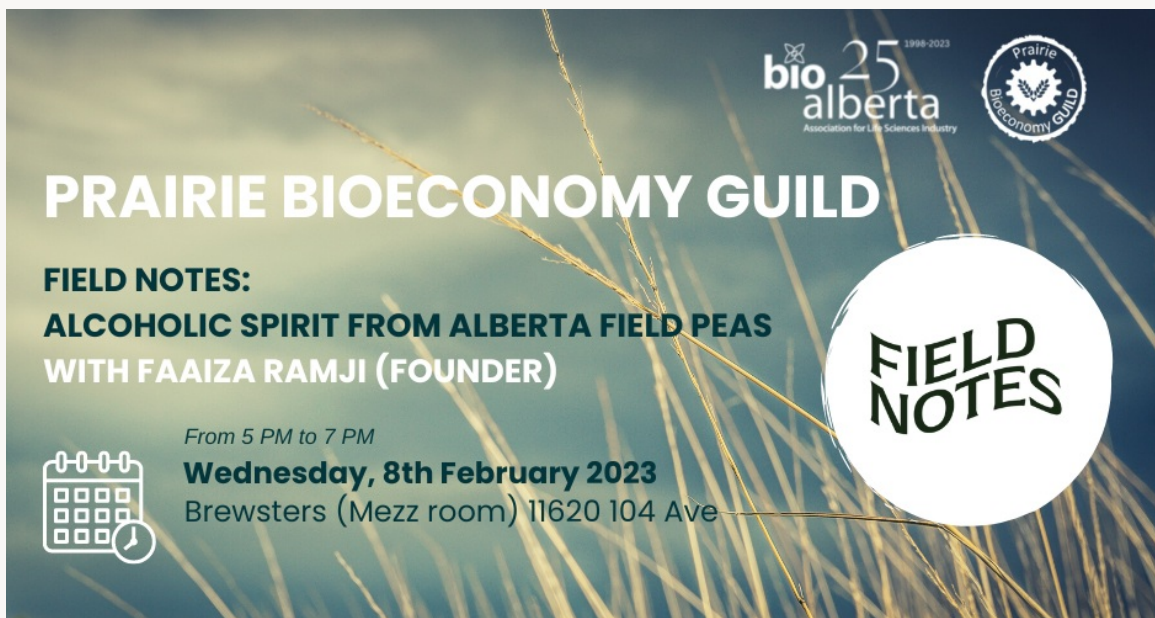
Panel Topics:

- The Future of Vaccines
- The Future of Bioenergy
- A Life Sciences Strategy for Alberta
- The Challenges of Medical Device Development

If you are interested in a sponsorship opportunity, [see here](#).

If you are interested in becoming a panellist, please reach out to nisarg@bioalberta.com

Register [here](#) now.



The poster features a background of golden wheat stalks against a blue sky. In the top right corner, there are two logos: 'bio 25 1998-2023 alberta Association for Life Sciences Industry' and the 'Prairie Bioeconomy Guild' logo, which is a circular emblem with a gear and wheat. The main title 'PRAIRIE BIOECONOMY GUILD' is in large, bold, white capital letters. Below it, 'FIELD NOTES:' is in bold, dark blue capital letters, followed by 'ALCOHOLIC SPIRIT FROM ALBERTA FIELD PEAS WITH FAAIZA RAMJI (FOUNDER)' in bold, dark blue capital letters. A small calendar icon is to the left of the text 'From 5 PM to 7 PM'. The date 'Wednesday, 8th February 2023' and the location 'Brewsters (Mezz room) 11620 104 Ave' are listed below. A large white circle on the right side contains the words 'FIELD NOTES' in a stylized, bold, black font.

bio 25 1998-2023
alberta
Association for Life Sciences Industry

Prairie Bioeconomy Guild

PRAIRIE BIOECONOMY GUILD

FIELD NOTES:
ALCOHOLIC SPIRIT FROM ALBERTA FIELD PEAS
WITH FAAIZA RAMJI (FOUNDER)

From 5 PM to 7 PM

Wednesday, 8th February 2023
Brewsters (Mezz room) 11620 104 Ave

FIELD NOTES

February 8, 2023

Prairie Bioeconomy Guild

On February 8th, join us for our monthly Prairie Bioeconomy Guild.

Join us on February 8th for our next **Prairie Bioeconomy GUILD** event. We will hear

from [Field Notes](#) Founder, [Faaiza Ramji](#) on "Solving Big Problems, One Question At A Time."

Faaiza will share her story of how asking questions led her to create an alcoholic spirit from Alberta field peas.

Free drink and snack for BioAlberta members!

Register [here](#) now.



February 9, 2023

Virtual Roundtable: BioEnergy & BioGas in Alberta

BioAlberta is hosting a virtual roundtable to better understand the challenges and opportunities to develop a strategy and policy framework that will allow the BioEnergy and BioGas sector in Alberta to continue to grow. The objective is to seek common ground and create a coordinated voice to champion the sector.

A Microsoft Teams meeting link will be sent to all attendees on February 8th, 2023.

Register [here](#) now.

NEUROVATION

FEBRUARY 10 | 3:00 - 6:00 PM

 VIRTUAL

SCIENTIST TO ENTREPRENEUR PANEL

Hear from scientists who have taken their
ideas from research to market



February 10, 2023

Neurovation Webinar

Join Neurovation on Feb 10, virtually, from 3-6 PM. The Scientist to Entrepreneur panel will feature [Hotchkiss Brain Institute](#) researchers who have gone on to spin out biotech startups from their research.

Register [here](#) now



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BioTalent Canada
Igniting the bio-economy's brainpower

Virtual Lunch n' Learn

OPPORTUNITIES TO OVERCOME RECRUITMENT AND RETENTION CHALLENGES

WHEN:
21 February, 2023
12 - 1 pm MST

SPEAKER:
Siobhan Williams
VP, Marketing and Communications
BioTalent Canada

Discussing

- National Talent Strategy ✓
- BioTalent Canada funding opportunities ✓
- Recruitment and Retention Resources ✓

*Team's meeting link will be sent to attendees one week before the event

February 21, 2023

BioTalent Canada Virtual Lunch n' Learn

Join us to learn more about BioAlberta partner BioTalent Canada and how the organization can help you. Siobhan Williams will be telling us about:

- BioTalent's Canada's plan to help the bio-economy flourish
- BioTalent Canada's funding sources
- Regional labour market information to help you make informed choices
- Resources to help you find and develop talent as you grow your business
- ...and much more!

A Microsoft Teams meeting link will be sent to all attendees on February 14th, 2023.

Register [here](#) now



Government
of Canada

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du Canada

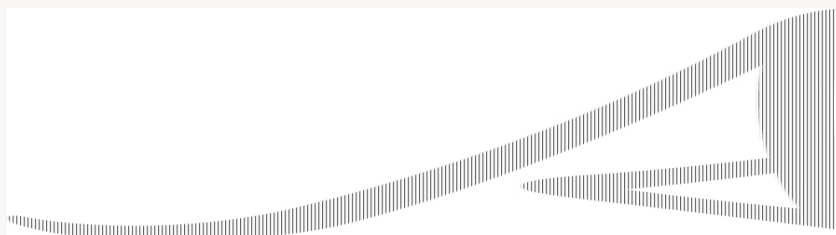
Canada's Economic Immigration Programs

February 25 - April 13, 2023

Immigration, Refugees and Citizenship Canada will be offering a free virtual learning 8 week series for employers. Each week will feature a new topic and provide employers with an opportunity to ask questions.

The goal of this 8-week series is to help employers learn more about Canada's economic immigration programs. Employers can choose to attend one or all of the sessions based on their interest and needs.

See details [here](#)



Dr. William Cochrane Health System Innovation Award

The new Dr. William Cochrane Health System Innovation Award nominations are now open!

This award recognizes an individual or leader of a team who has made significant contributions to transform the healthcare system and patient outcomes through innovation.

The nominee(s) must demonstrate:

- Excellence as a scientist, clinician, and/or entrepreneur in the health sector;
- Perseverance and ability to confront challenges, creativity in solving problem, overcoming roadblocks to innovation, respect and encouragement for colleagues;
- Development of a ground breaking innovation that has been implemented or is close to implementation and is changing or has changed health care delivery and improved patient outcomes.

See details [here](#). **Deadline February 28, 2023.**

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 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 with up to \$7000 wage subsidy.
- Skilled Newcomer Internships Program with up to \$20,000 wage subsidy.

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

Member Focal Point: Symbiotic EnviroTek Inc.



Symbiotic **Enviro**Tek Inc.

What is Symbiotic EnviroTek Inc., and what does it aim to achieve?

Driven by an unrelenting desire to harness the extraordinary capacity of microalgae to solve many global challenges, Symbiotic EnviroTek Inc., was founded in 2008 with the goal to create an algae growth system that is energy efficient, commercially scalable, and able to operate independently in all weather extremes.

FACT: Microalgae has been well studied and is known for its many benefits and uses in nutraceuticals, cosmetics, pharmaceuticals, high protein food and feed products.

FACT: Microalgae also has a long history as a solution for treating wastewater and has been targeted as an ideal biomass feedstock for producing biofuels and bioplastics. The challenge to date has been to produce this valuable biomass cost effectively and in any climate.

We like to think that microalgae lead a double life. It can be grown in specifically nutrified water to produce food grade protein biomass used to feed the world, or it can be used to clean liability wastewater and provide biomass for converting to biofuels and organic fertilizers.

What are major upcoming projects for your company/ groundbreaking collaborations?

Business Activities	Date
Sale of pilot scale algae wastewater treatment system to Biomass Solutions Ltd New Zealand	Q4 - 2022
Purchase of commercial property	Q1 - 2023
Sale of commercial scale algae wastewater treatment system to K2 Ambientis of Panama	Q1 - 2023
Corporate owned protein production business producing up to 110 tons annually	Q2 - 2023
Corporate owned waste remediation project in partnership with AB Mauri, utilizing our integrated algae wastewater treatment for bioremediation of liquid waste streams and Hydrothermal Liquefaction for conversion of organic solid wastes to biocrude.	Q2 - 2023
Waste remediation demonstration project in partnership with the town of Drayton Valley	Q3 - 2023
Sale of commercial scale integrated algae wastewater treatment – HTL liquid and solid waste remediation platform to Second Adam International Nigeria/Scotland	Q3 - 2023
Sale of commercial scale integrated algae wastewater treatment – HTL liquid and solid waste remediation platform to Sandcastle Dreams wellness living resort in Mexico	Q4 - 2024

What are major challenges or milestones Symbiotic EnviroTek Inc. has overcome?

Our algae wastewater treatment technology is often measured against typical/mechanical wastewater treatment facilities. This comparison is tantamount to comparing apples to oranges in terms of the Symbiotic system that offers a return on investment, verses a traditional wastewater treatment system with a sunk infrastructure capital cost and continual operating/maintenance cost structure. We have gained significant global interest from presenting this business model and have recently sold a system to a company in New Zealand.

The Algae Wastewater Treatment and integrated Hydrothermal Liquefaction bio conversion system provides multiple revenue streams from the output of high value products such as biofuels feedstock and organic fertilizer.

We have secured financing for the startup of the initial projects in 2023 and will be purchasing a facility in the near future for the expansion.

Learn more at www.symenv.com

In the news...

First Alberta Clinical Site for

Study of Psychedelic-Assisted Treatment for Alcohol Use Disorder Approved

SABI Mind receives approval from the Health Research Ethics Board of Alberta (HREBA) to launch study sponsored by Clairvoyant Therapeutics investigating Psilocybin Assisted Psychotherapy for the treatment of alcohol use disorder

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



Brass Dome Ventures Launches Brass Fund One to Spur Growth in the Alberta Business Ecosystem

Brass Dome Ventures, Ltd announced the launch of the Brass Fund One venture fund with a mission of investing in early-stage, inventor-led companies that have emerged from local universities.

Read their complete press release [here](#)



Trials begin for Alberta-created Linac-MR technology, first in the province

Clinical trials are set to start at the Cross Cancer Institute, treating patients for the first time ever with an Alberta-created and built Linac-MR machine (LMR). The LMR technology provides the world's most advanced radiation therapy for treatment of tumours.

Read their complete press release [here](#)



New Members



Our Partners

THANK YOU

PLATINUM



GOLD



SILVER



BioAlberta.com

