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Chief Executive
Officer and Chair of
the Board of Directors



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## **MOBILIZATION**



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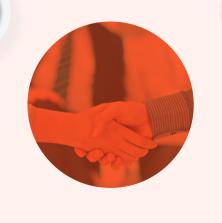
OUR TEAM



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CLUSTER STAKEHOLDER PRESENCE



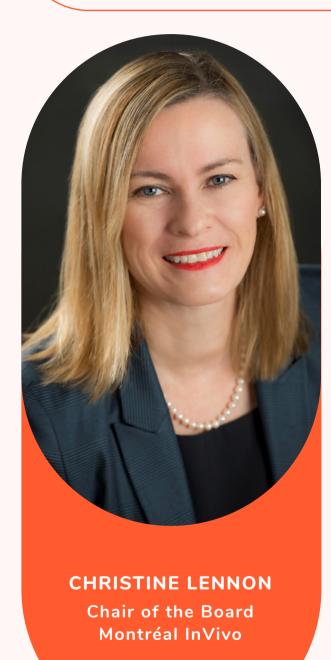
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## Messages from our leadership



The year 2023 was one of innovative **projects that** only MIV can bring to fruition in the ecosystem.

These new projects include a series of Al-health podcast episodes in collaboration with the CHUM School of Artificial Intelligence in Healthcare, the launch of the "Digital Transformation Offensive" to support SMEs in the sector, the "Biomanufacturing" project, and even the study of Quebec's economic performance indicators in life sciences. As you can see, our year was once again marked by many impactful achievements.

The year 2023 was also one of visibility for the ecosystem and its members. With over 120,000 impressions of our content on LinkedIn, which reached 11,000 subscribers in 2023, MIV is the most followed organization in the entire life sciences sector in Quebec and possibly Canada.

It was also a year of continued mobilization of ecosystem members. Through project committees, strategic advisory committees, the EFFERVESCENCE event, the brand-new B2B Thursdays, and the many webinars/workshops offered throughout the year, Montréal InVivo once again mobilized its ecosystem around impactful issues and projects.



Finally, 2023 was a year of renewal within the team, with the departure of some members and the arrival of new recruits to ensure the team is even more complementary, efficient and effective.

What is MIV's main priority and objective for 2024?
For the coming year, the big issue for the organization

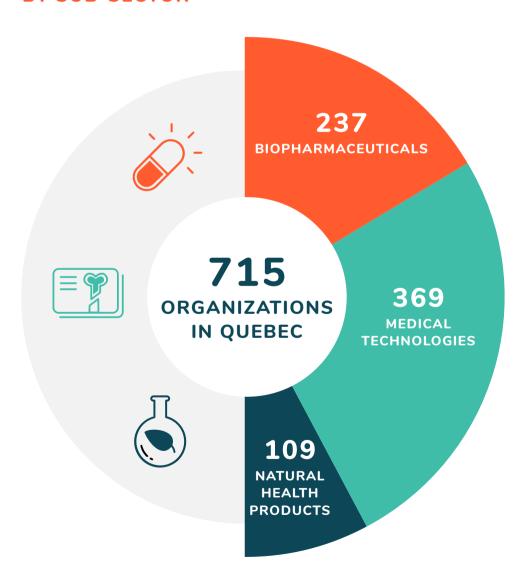
is undoubtedly the strategic planning exercise, which will culminate in the adoption of a new strategic plan next December. This process will involve the entire team, MIV's close partners and ecosystem stakeholders, and we look forward to telling you all about it throughout 2024.

Finally, for 2024, we want MIV to be recognized for the distinctive expertise it brings to its projects and initiatives to benefit the ecosystem, with the aim of continually strengthening the organization's positioning in the LSHT sector.

## Life sciences and industry snapshot IN 2023

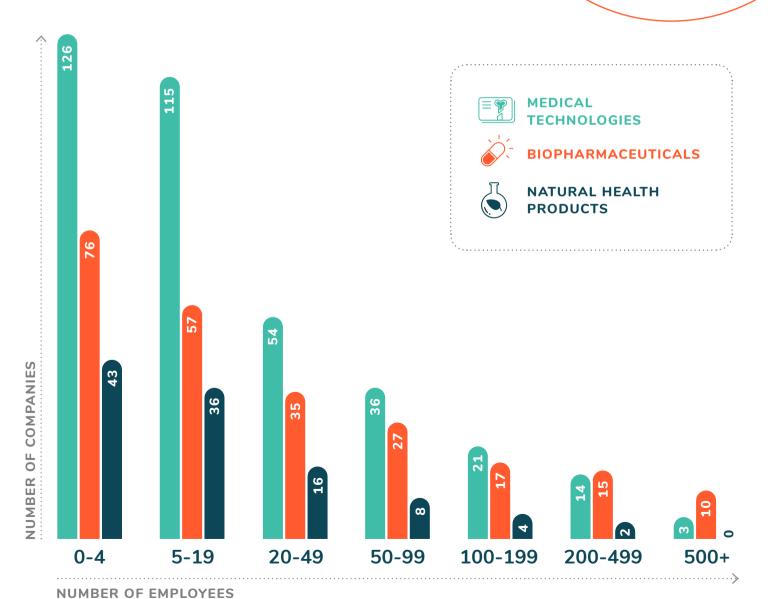
This section presents newly updated data on Quebec's life sciences sector, with indicators carefully collected in 2023.

**NUMBER OF COMPANIES BY SUB-SECTOR** 



**NUMBER OF LSHT COMPANIES** 





Quebec's LSHT sector

IS CHARACTERIZED BY A NETWORK OF SMALL AND MEDIUM-SIZED **COMPANIES** 



\$4.6 **BILLION DIRECTLY TO ORGANIZATIONS ACTIVE IN LSHT** 

\$6.5 **BILLION CONTRIBUTED BY** THE LSHT SECTOR TO QUEBEC'S **GDP IN 2020\*** 

\*Total contribution includes direct and indirect contribution.

## 5 Key figures for LSHT in Quebec

10<sup>th</sup> position for the number of LSHT
 institutions per million people in the workforce,
 compared with 20 other major LSHT clusters
 in North America

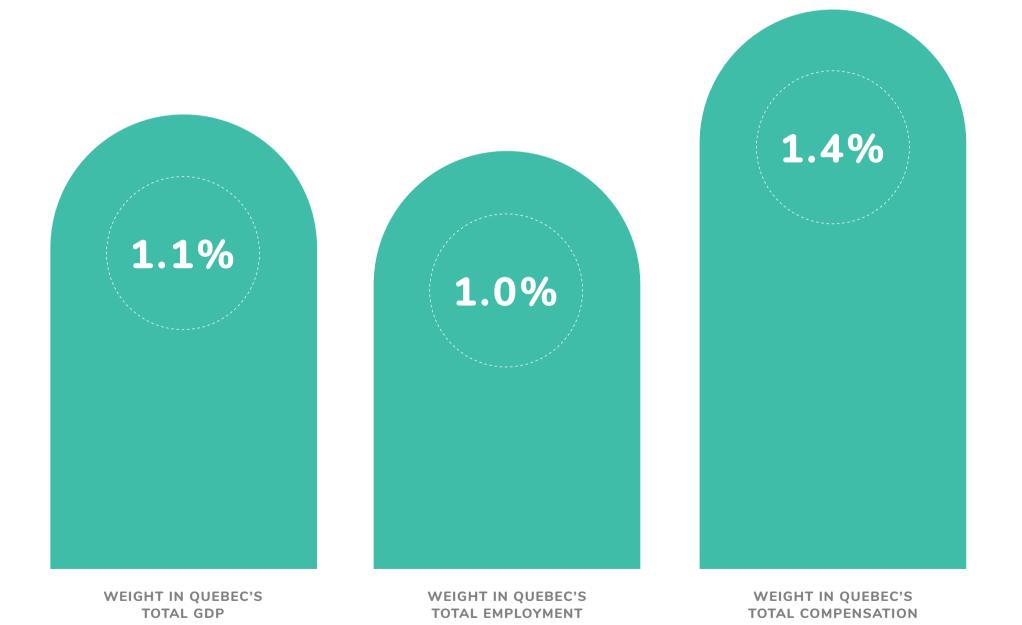
8 universities, including 4 with LSHT programs, ranked in the QS World University Ranking<sup>1</sup>

3<sup>rd</sup> place compared to 20 other
LSHT clusters in North America from
a cost perspective!

5<sup>th</sup> in comparison with 20 other LSHT clusters in North America in terms
 of performance and attractiveness

## Relative size of the LSHT sector

Percentage data for Quebec and the LSHT sector, 2020



## **OUR DNA**

For over 15 years now, Montréal InVivo has distinguished itself as a true leader in the LSHT sector. Our organization is at the forefront of identifying sector-wide issues and implementing initiatives to address them, acting as a catalyst to foster better interaction between companies and organizations in the sector. Our impact on the sector stems from our many projects, which integrate seamlessly with other economic development initiatives in the life sciences and health technologies sector in Quebec and Greater Montreal.



#### **OUR POSITIONING**

We are recognized for our strength of mobilization, our voice as a privileged independent interlocutor with public authorities and our ability to initiate and lead impactful projects to further develop the sector.



#### **OUR MISSION**

Montréal InVivo is a network for exchange, mobilization and collaboration in the LSHT ecosystem. We provide federative leadership to all players in the Greater Montreal area to strengthen the sector's growth, competitiveness and visibility.



#### **OUR VISION**

Distinguish ourselves
through an innovative,
collaborative and sustainable
life sciences and health
technologies ecosystem.

## Our values



STRATEGIC PLAN

# Midway through the 2021-2024 strategic plan

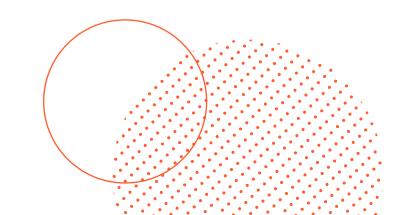
We are now halfway through our strategic plan, which aims to provide Montréal InVivo with the direction it needs to continue fueling and supporting the sector in the face of major ecosystem challenges.

#### **OUR ACTIONS**

- Studies and analyses (business intelligence)
- Mobilization and networking
- Impactful projects
- Outreach
- Support for businesses and entrepreneurship

This same plan has transformed Montréal InVivo's operating model, promoting an agile and creative approach through "project committees" that provide spaces for reflection and work to focus on the organization's priority issues, namely:

- ——— Supporting innovation, from research to adoption
- —— Increasing the number and size of companies in the sector
- Ensuring an adequate talent pool in termsof quantity and quality to support the sector's growth
- Positioning LSHT as a key economic driver of economic recovery
- —— Strengthening public acceptability of innovations in the sector



## Key actions IN 2023

Like every year, some of our project committees stood out for their impactful actions and remarkable achievements in 2023, which deserve to be highlighted!

- Al-health podcast
- Digital Tranformation Offensive
- Economic data and indicators
- Biomanufacturing
- Early identification initiative for major neurocognitive disorders
- Rare diseases
- Al-Health Showcase
- Equity, diversity and inclusion

## Al-health podcast

(French only)



# Digital Transformation Offensive

#### MANDATE

Create an Al-health podcast series that aims to highlight the diverse perspectives of experts to explain the possibilities and limits of Al in healthcare using a recognized educational approach.



The year 2023 saw the Al-health podcast project come to fruition. This project involved the detailed design of presentation plans for the four main themes, the effective publication and promotion of nine episodes spread over three skill levels, and the setting up of focus groups to facilitate critical analysis and continuous improvement for future episodes. With over 3,622 listens in total, this project was a great success for our organization.



#### MANDATE

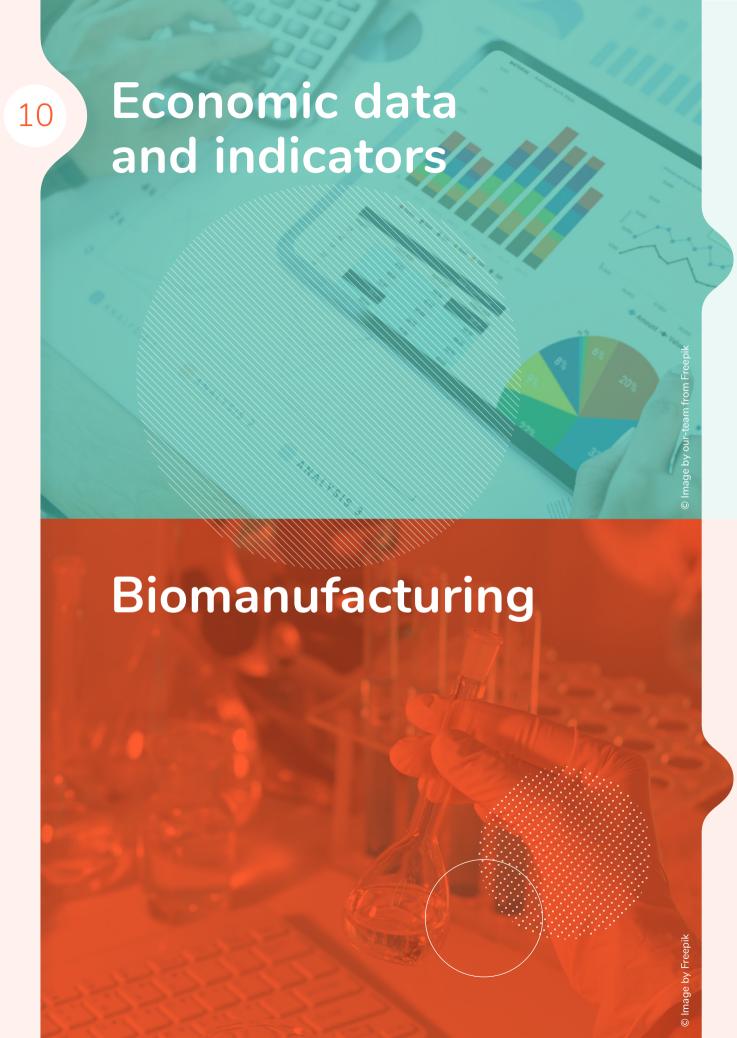
Raise awareness, provide guidance and offer financing to companies in the sector to increase their productivity through digital transformation.



#### - ACHIEVEMENTS

Through the launch of the 2023 *Digital Transformation Offensive* program, Montréal InVivo organized four (4) in-person workshops, with a total of 236 registrations and participation of 50 companies, representing a wide diversity of profiles.

The OTN program also provided referrals for two companies, thanks to our partnership with the *Conseil de l'Innovation du Québec*, and granted access for 35 companies to the forum of OTN coaches and funders. The third part of this project will be developed over the coming year, and other workshops will be presented, addressing a wide range of current digital transformation issues!



#### **MANDATE**

Update economic value indicators for the innovation chain, as well as performance and attractiveness indicators for the LSHT sector in comparison with several North American jurisdictions.



#### - ACHIEVEMENTS

The year 2023 saw the continuation and completion of two studies on performance and attractiveness indicators for Quebec's LSHT sector. The first study calculated the economic value of the sector's innovation chain. The second study compared Quebec to 20 other North American jurisdictions, all recognized or emerging LSHT hubs. Over 30 indicators were used to compare jurisdictions. This study will enable us to update the data on the "Industry Snapshot" page of our website for the coming year.

#### MANDATE

Bring together players and initiatives to promote the development of biomanufacturing expertise in Quebec, to avoid dispersing efforts.



#### **ACHIEVEMENTS**

The year 2023 was marked by the completion of a number of actions related to the biomanufacturing project, including the conclusion of a study on the skills and training available in Quebec in the field of biomanufacturing. This same study also led to the creation of the "Niche of excellence" page as part of the redesign of our website, featuring updated key data in biomanufacturing in Quebec. Finally, in addition to its involvement in CQDM's RNA therapeutics initiative, Montréal InVivo produced a video presenting the ecosystem players involved in attracting foreign biomanufacturing companies to Quebec.

# Early identification initiative for major neurocognitive disorders Rare diseases

#### MANDATE

Prepare Quebec's healthcare system for the arrival of the next innovations with the potential to change the course of disease.



#### - ACHIEVEMENTS

In 2023, the final phase of this project involved disseminating a survey on the perception of neurocognitive disorders by healthcare professionals in Quebec. This involved making preliminary contact with a group of clinicians to introduce the project and ensure their involvement in disseminating the survey. Through this process, we collected over 171 responses to the survey, including 10 categories of professionals. This commitment enabled us to carry out a complete analysis of the data, and to guide the working group in interpreting the results and identifying the hypotheses to be tested.

#### MANDATE

Monitor product portfolios under development for therapeutic indications, treatments for rare conditions and new cellular and genetic technologies.



#### **ACHIEVEMENTS**

In 2023, Montréal InVivo presented the rare diseases project to the MSSS, INESSS, BIOTECanada and iRARE. The unveiling of the Action Plan on Rare Diseases by MSSS (Ministère de la santé et des services sociaux) on May 3, 2023 further underscored Montréal InVivo's central role in this project. We also solicited a letter of support for the Réseau québécois de recherche en maladies rares project, and made representations to the MEIE (Ministère de l'Économie, de l'Innovation et de l'Énergie) and MSSS following the amendment to sections 335 and 336 of Bill 15. Finally, we closed the year with the launch of Montréal InVivo's "rare disease mobilization table", with 35 participants.

## Al-Health Showcase



## Equity, diversity and inclusion

#### - MANDATE

Present the use of Alhealth solutions to different audiences and engage with Showcase users on the responsible use of health data in relation to Al.



#### — ACHIEVEMENTS

The launch of the Al-Health Showcase on September 27 and 28, 2023, as part of the ALL IN event organized by Scale Al, was a major success! With over 2,300 artificial intelligence experts attending, this event was an opportunity for Montréal InVivo to showcase innovations from companies and research groups presenting a diversity of applications of artificial intelligence in healthcare. The launch was also accompanied by the development of an immersive web showcase on Al-health.

#### MANDATE

Raise awareness in the sector of the current level of equity, diversity and inclusion in LSHT, and of opportunities for progression and advancement.



#### **ACHIEVEMENTS**

The year 2023 was an opportunity for Montréal InVivo to pursue a number of EDI initiatives. In March 2023, focus groups were held to review EDI opportunities, barriers and initiatives in the LSHT ecosystem. A survey was also designed to understand where LSHT organizations in Quebec stand in terms of readiness and experience in integrating EDI into their policies and practices. The survey, which will be released in early 2024, will ultimately report on EDI in the LSHT ecosystem to formulate evidence-based recommendations to encourage EDI in all its dimensions in the sector.

## A growing portfolio of projects

The diversity and multidisciplinarity of Montréal InVivo's project committees, which are constantly being adapted and reinvented based on ecosystem realities, are undoubtedly the organization's greatest strengths.

Whether projects are in the ideation, development or financing phase, they all reflect the expertise and versatility of Montréal InVivo.

The following section provides an overview of Montréal InVivo's 2023 project portfolio, with key actions continuing into 2024!



## Life Sciences Entrepreneurship **Development Program**



**MANDATE**: Ensure that Quebec entrepreneurs have access to specialized training in life sciences and health technology.

**ACHIEVEMENTS**: In 2023. Montréal InVivo helped update the agreement between the program partners for the next five (5) years. Ten EDI scholarships from the Novascience program were also awarded to students to participate in the program.





## Integration of innovations in health trajectories

**MANDATE**: Take stock of the integration of innovations on the front line, identify obstacles to adoption and propose concrete, pragmatic solutions to facilitate their integration into care trajectories.

**ACHIEVEMENTS**: In 2023, focus groups were set up in collaboration with the MSSS innovation office, to evaluate tools developed for companies. Training on clinical validation and meetings with key people during consultations on innovative procurement also took place.





### InVivo Talent

**MANDATE**: Create activities to better integrate the next generation into the life sciences and health technologies ecosystem.

**ACHIEVEMENTS**: The creation of this project committee in 2023, along with validation of the agenda, programming and funding, has prompted the implementation of eight networking events over two years to provide a forum for the next generation of players in the ecosystem.





## **Sustainable Development Initiative**

**MANDATE**: Initiate actions to raise awareness and mobilize players in the sector to amplify its social and environmental impact.

**ACHIEVEMENTS**: The creation of an intercluster working committee on sustainable development and the launch of an intercluster action plan were major achievements for Montréal InVivo in 2023. Key mobilization initiatives also included a workshop organized as part of the Fresque du Climat and a workshop held on digital sustainability in LSHT.

## 5

## Continuum (SKILLS MANAGEMENT AND DEVELOPMENT)



MANDATE: Match the needs of a booming job market with candidates requiring additional training and practical experience to ensure proper integration and retention in the data sciences sector.

**ACHIEVEMENTS**: This year, the *Continuum* project moved forward with its independent search for host companies willing to offer training to their employees.



## Collaborative research platforms



MANDATE: Give visibility to academic research platforms in order to foster collaborations with life sciences and health technology companies in the Greater Montreal area.

ACHIEVEMENTS: In 2023, a webinar on collaborative research was organized in partnership with Médicament Québec, with over 92 participants. Montréal InVivo also organized a panel on collaborative research at the EFFERVESCENCE event, as well as a *Jeudi B2B* (B2B Thursday) on the topic of collaborative platforms.





## Implementation of value-based agreements

**MANDATE**: Propose an approach to facilitate the implementation of risk-sharing agreements, focusing on the implementation of real-life data collection.

ACHIEVEMENTS: The year 2023 marked the first steps in the development of this project, including initial contact with members of the MSSS, INESSS and the Cabinet of the Minister of Health and Social Services, dissemination of the project to companies, and discussions concerning its financing. Stay tuned for the coming year!





## Support for start-ups (ACCÉLÉRACTION AND BIOSUCCÈS)

**MANDATE**: Meet strategic needs by offering support and guidance through the Momentum program and AccélérAction committees.

ACHIEVEMENTS: In 2023, the third Pan-Canadian Start-Up Pitch Competition took place, with the participation of 52 competition-eligible start-ups, supported by 14 organizations that contributed to the selection and evaluation of companies. The project also included a webinar on the art of pitching.

## Participants in project committees

**ALEJANDRO RODRIGUEZ AGUIRRE CHUM** 

ABDOUL ECHRAF Québec International

**AGNÈS XENOPOULOS** Eli Lilly Canada

**ALAIN COUTURE** GSK

**ALEXANDRE DUVAL ISED** 

**ALLISON WILLS** 20Sense

**AMELIE BOURDIEC** RI-MUHC

ANGELA GENGE McGill University

**ANITA BURGUN** Université de Sherbrooke

ANNE NO-DELAIDE **RBC** 

**ANNE-MARIE LAROSE CIUSSS** 

**ANNE-MARIE RIVARD** Roche

**ANTONIN CARON** Roche

**ARIANNE TRUDEAU** Médicament Québec

**AUDE HERMENIER** Montréal International

**BENOIT LAROSE** BIOQuébec

**BRIGITTE SAINT-DENIS** MEIE

**BILL DEMPSTER** CORD / 360 Public Affairs

**CAROLINE LEBLANC** ParazaPharma

**CASANDRA POITRAS ANFQ** 

**CATHERINE BOIVIN** Patient partner

**CATHERINE DESJARDINS Abbvie** 

**CÉLIA THOUIN** Université de Montréal

CHAYMAA ZOUGGARI CTS

**CHRISTELE BERTHELOT-LOGSDON** CTS

**CHRISTIAN BLOUIN** Patient partner

**CHRISTINA AON CERASP** 

**CHRISTINE LENNON** Incyte

**CHRISTOPHE MANHES** Québec Vitae

**CLAIRE EDRINGTON** Novartis

**CLARA SCATTOLIN** Université de Montréal

**CYRIL BORIES MSSS** 

**DARNLY DUBOIS** Polytechnique Montréal

**DENIS LAFLAMME** Takeda

**DIANA IGLESIAS** Génome Québec

**DIANE BRISSON** Ecogène-21

**DIANE CÔTÉ** MEDTEQ+

**DOMINIQUE GRENIER** Astra Zeneca

**DOMINIQUE MICHAUD Concordia University** 

**DONALD ALLARD BMS** 

190 participants **IN PROJECT COMMITTEES IN 2023** 

**DONALD VINH** McGill University

ÉLIZABETH DROZ Pharmabio Développement

**ERIK AZOULAY Spectrum Pharma** 

**ERIK JOLY CRCHUM** 

**ERIKA ESTHER LUAMBA** MEIE

**ÉTIENNE CREVIER** MoCA Clinic & Institute



**EVA VILLALBA** 

**Coalition Cancer** 

**ÈVE BLANCHET** 

**Boehringer Ingelheim** 

**FANNY CORON** 

Bureau de l'innovation

**FARES ANTAKI** 

Université de Montréal

**FATMA BOULOUEDNINE** 

Conseil de l'innovation du Québec

FÉLIX ANTOINE CHAVANELLE

Québec International

**FERDAOUS DORAL** 

CeUMontréal

**FRANCE DUSSAULT** 

**Qualifications Québec** 

**FRANCE MIGNAULT** 

Gilead

FRANCIS BOUCHARD

Investissement Québec

FRANÇOIS LAFLAMME IQVIA

FRANÇOIS RAVANELLE

Inversago

FRÉDÉRIC LEDUC

EVAH corp

**GAD SABBATIER** 

Axelys

**GENEVIÈVE PELLETIER** 

**Quebec Association** of Proprietor Pharmacists

**GENEVIÈVE PLAMONDON** 

**INESSS** 

**GENEVIÈVE TOUSIGNANT** 

Eisai

HAMZA GHERNATI

Montréal International

**HASNA ROUIGHI** 

Bureau de l'innovation

HÉLÈNE VIDOT-DELERUE

Université du Québec à Montréal

**HERMANCE BEAUD** 

Université du Québec à Montréal

**INÈS HOLZBAUR** 

AmorChem

**ISABELLE FORTIN** 

**Novartis** 

**ISABELLE GAGNON** 

Astra Zeneca

**ISABELLE GIRARD** 

**Plakett Services Cliniques** 

IVAN LÉAL

MEIE

**JACQUES MICHAUD** 

**CHU Ste-Justine** 

**JAMES DOYLE** 

Modelis

JEAN GUY NÉMORIN

MEIE

**JEAN JUTRAS** 

Astra Zeneca

JEAN LACHAINE

Université de Montréal

**JEAN-LUC FORTIER** 

**Abbvie** 

**JEAN-MICHEL GARRO** 

Québec International

JENNIFER BESSANT

Janssen

JENNIFER CHAN

Merck

**JESSICA DERY** 

CIUSSS de la Mauricie-etdu-Centre-du-Québec

Inversago

JESSICA FORCILLO CHUM	KEITH WOOLRICH MUHC
JIDA EL-HAJJAR Loeys-Dietz	KIM HYERIN McGill University
JOANIE FOURNIER Diex	LAURENCE LEJEUNE UQAM
JOËLLE CHATEL  DEREPENTIGNY  Montréal International	LAURENCE RULLEAU CTI Life Sciences
JONATHAN PRATT RQMO	LAURENT SABBAGH Domain Therapeutics
JUDITH COTTON-MONTPETIT IRCM	LAURENT ZIRI Jenthera
JULIE COUTURE MSSS	LAURIE GRONDINES MSSS
JULIE DELLION  Montréal International	LILIANA POLCARI Biogen
JULIE GAUTHIER Amgen	LOICK GAUTIER Conseil de l'innovation du Québec
JULIE GRÉGOIRE CHUM	LOUIS VERRET Neurologist
JULIE MANTOVANI Université de Montréal	LOUISE SAVARD INRS
JULIEN BERTRAND	LUDMILLA POTIRON

**Business France** 

MALK SAGE
MANC Institu Immun
MARII Univer
MARII Univer
MARII Muscu
MARII Forum
MARII Fonds
MARII OUELI Collèg
MARII Montre Institu
MARIO Bellus

MARTIN CHENAL

NEB

ALKI PRUD'HOMME	MARTINE COURTEMAN
AGE Innovation	Sherbrooke Innopole
ANON VALIQUETTE	MAXIME RANGER
stitute for Research in	giiant pharma inc
nmunology and Cancer (IRIC)	
ARIE-CLAUDE BATTISTA	MÉLANIE CARON
	INESSS
niversité de Sherbrooke	MÉLANIE LANGELIER
ARIE-ÈVE BLANCHET	MUHC
niversité du Québec à Montréal	
	MEZTLI ARGUELLO
ARIE-HÉLÈNE BOLDUC	ParazaPharma
uscular Dystrophy Canada	MICHÈLE TONY
ARIE-PAULE JEANSONNE	Bureau de l'innovation
orum IA Québec	Barcaa ac i illiovation
	MICHELLE SAVOIE
ARIE-PIERRE COSSETTE	Université de Montréal
onds de Recherche du Québec	MIKAEL LEMELIN BRIS
ARIE-PIERRE	CHUM
UELLET MORAND	СПОМ
ollège Ahuntsic	MYLÈNE LEVESQUE
	Unité de soutien SSA Qu
ARIE-SOLEIL GAUTHIER	NADA ZOCUEID
ontreal Clinical Research stitute (IRCM)	NADA ZOGHEIB
istitute (iitcivi)	CeUMontréal
ARIO FILION	NADIA DI CHIARA
ellus Health	Fonds de solidarité FTQ

erbrooke Innopole	NADIA DUBÉ IRCM
AXIME RANGER ant pharma inc	NAOUEL HANANI Startup Montréal
ÉLANIE CARON ESSS	NATHALIE GIRARD MEIE
É <b>LANIE LANGELIER</b> JHC	NATHALIE LEBLANC Qualifications Québec
E <b>ZTLI ARGUELLO</b> razaPharma	NATHALIE OUIMET CHUM Research Centre (CRCHUM)
CHÈLE TONY reau de l'innovation	NATHALIE PARENT OTSTCFQ
CHELLE SAVOIE niversité de Montréal	NATHALIE VERREAULT Roche
HUM	NEILA KAOU Polytechnique Montréal
YLÈNE LEVESQUE nité de soutien SSA Québec	NICOLAS BEAUDET Omnimed
ADA ZOGHEIB UMontréal	

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**NICOLAS PILON** 

Université du Québec à Montréal

**NIMAGA EL HADJI** 

Québec International

**NOÉMIE SIMON** 

Mouvement des accélérateurs d'innovation du Québec (MAIN)

**NOUHA BEN GAIED** 

Federation of Quebec Alzheimer Societies

OLIVIER JÉRÔME Catalis Québec

ORIANE MORIET
Humaniteg

PAMELA CHAMPAGNE
District 3

PATRICE VAILLANCOURT
MUHC

PATRICK BLONDIN
Genome Québec

PHILIPPE THOMPSON

PIERRE BISSON MEIE

Centech

PIERRE FALARDEAU

**EVAH** 

PRISCA BUSTAMANTE

Mitacs

RABIH KYRIAKOS

AdMare Bioinnovations

RANYA EL-MASRI GSK

RICARDO ACEVEDO Qualifications Québec

ROXANNE DAULT Université de Sherbrooke

SABRINA FETTAL MEDTEQ+

SALIM YAYE

Québec International

SARAH GAGNON

Conseil de l'innovation

SARAH JENNA MIMS

SEBASTIEN GARBARINO
IRDQ (Prima Quebec)

**SOPHIE LAROUCHE**Solutions CPO

STEPHANE BARAKAT
Abbvie

STÉPHANIE BILODEAU
AdMare BioInnovations

STÉPHANIE LACROIX
Merck

STEVE LABBÉ MSSS

STEVEN KLEIN Epitopea

SYLVAIN CLERMONT Incyte

SYLVIE BOUCHARD INESSS

THERENCE BOIS
Valence Discovery

THÉRÈSE GAGNON-KUGLER Vertex

THOMAS VIGNALOU ADOC

TIM FOURNIER

Conseil Emploi Métropole

VALÉRIE GUILLOT MSSS **VALERIE VILLENEUVE** 

Centre de recherche du CHU Ste-Justine

VANESSA MARSAN MEIE

VINCENT MOOSER

McGill University

VINCENT RAYMOND
Pfizer

VIRGINIE CHARTRAND
Collège Ahuntsic

YASMINE LABADOU Université de Montréal

YVES COUTURIER Réseau 1 Québec

**ZIAD NASREDDINE**MoCA Clinic & Institute

## Outreach

## Quiet! We're filming

It has been said that a picture is worth a thousand words, an expression that Montréal InVivo has taken to heart this year by producing audiovisual content for several of its key projects.

Thanks to the many videos produced in 2023, Montréal InVivo offers its partners and Internet users the opportunity to enjoy an immersive experience in order to gain insights into its projects and, ultimately, the Greater Montreal life sciences and health technologies world. From event summary videos to expert tips on current sector issues, relive the year through captivating videos that will transport you to the heart of Montréal InVivo's work!



## Biomanufacturing video

With the aim of highlighting the ecosystem players who play a pivotal role in attracting foreign companies to Quebec, this project showcases the diversity and expertise of our sector, at the heart of attracting major biomanufacturing players to Quebec. The piece features rich interviews with a wide range of organizations, and magnificent shots of Greater Montreal!



## Al Health Capsule

## (in French)

The launch of the vitrine IA Santé (Al-Health window) in 2023, as part of a major Canadian event dedicated to Al, was an opportunity for Montréal InVivo to capture in images its commitment and mobilization in a key area of the industry. Through this video capsule, Montréal InVivo promotes and highlights this initiative and the companies and research groups involved in the project.



## Interviews with experts

## Digital Transformation Offensive (in French)

With over nine videos already produced, the Digital Transformation Offensive project represents an opportunity for Montréal InVivo to strengthen its visibility by offering its digital community an overview of all the workshops organized as part of this project. Whether through a recap of the event or interviews with experts, the documentation of *OTN* workshops makes it possible to share expertise on a variety of themes related to digital transformation, while encouraging promotion of this initiative.



## Al-Health podcasts

In 2023, Montréal InVivo launched the first French-language podcast (Balados IA-Santé) aimed at deepening knowledge of artificial intelligence and healthcare, the result of a collaboration with CHUM's School of Artificial Intelligence in Health and Humaniteg. Following the podcast trend of recent years, this on-demand digital audio format broadcasts expert perspectives on the challenges of Al in healthcare, all with a pedagogical approach tailored to different levels of knowledge. Once again, this project demonstrates Montréal InVivo's ability to adapt to the digital shift in the information it disseminates!



## The power of digital

## SOCIAL MEDIA AND NEWSLETTERS IN FIGURES

The success of Montréal InVivo's mission depends largely on the sector's visibility.

That's why the organization attaches great importance to its digital platforms and the messages it communicates and disseminates through them:







30 events
PUBLISHED ON THE CALENDAR



## Social media

**SUBSCRIBERS** 

+ **9.6%** ↑ 11,321 <u>LinkedIn</u>

• **15.3%** ↑ 703 <u>Facebook</u>

## Mobilization

To strengthen the organization's positioning and encourage fruitful relationships with all players in the sector, the members of the Montréal InVivo team were particularly proactive this year!

In fact, the team is strongly committed to identifying the needs of the sector and exploring opportunities for collaboration to organize a variety of events.



## **Activities**

ORGANIZED BY MONTRÉAL INVIVO IN 2023



## **Press** articles

## January 24

Webinar on the art of the pitch (in French)

## February 23

Lunch & Learn: Scientific Research and Experimental Development (SR&ED) Program for Life Science Businesses in the Quebec Region

### March 23

Al risk prediction workshop (in French)

## March 28

**Lunch & Learn - Collaborative** research: A driving force for bioinnovation and biomanufacturing in Quebec (in French)

#### **June 15**

Launch of the Digital **Transformation Offensive** 

## September 14

Launch of the 6th cohort of the Life Sciences Entrepreneurship **Development Program** 

## September 11-12

Launch of the Vitrine IA Santé (IA Health Showcase) in connection with ALL-IN

## September 26

OTN x Continuum Workshop - Recruit tomorrow's digital experts: your competitive edge

## November 1

**Climate Fresk** 

## November 2

**ARC** Webinar

### November 17

Unveiling of the inter-cluster sustainable development action plan

#### November 21

OTN x Impact Workshop -Digital responsibility, the value that sets you apart



## March 11

« Quel avenir pour la production de vaccins au pays?», La Presse, by Julien Arsenault



## April 18

« GSK achète Bellus Santé pour 2 milliards \$US », Journal de Montréal, by Martin Jolicoeur



## May 8

« Le parcours d'une molécule gagnante », La Presse, by Jean Philippe Décarie



## September 15

« Bilan de santé positif pour Montréal », La Presse, by Émilie Laperrière



## 28 septembre

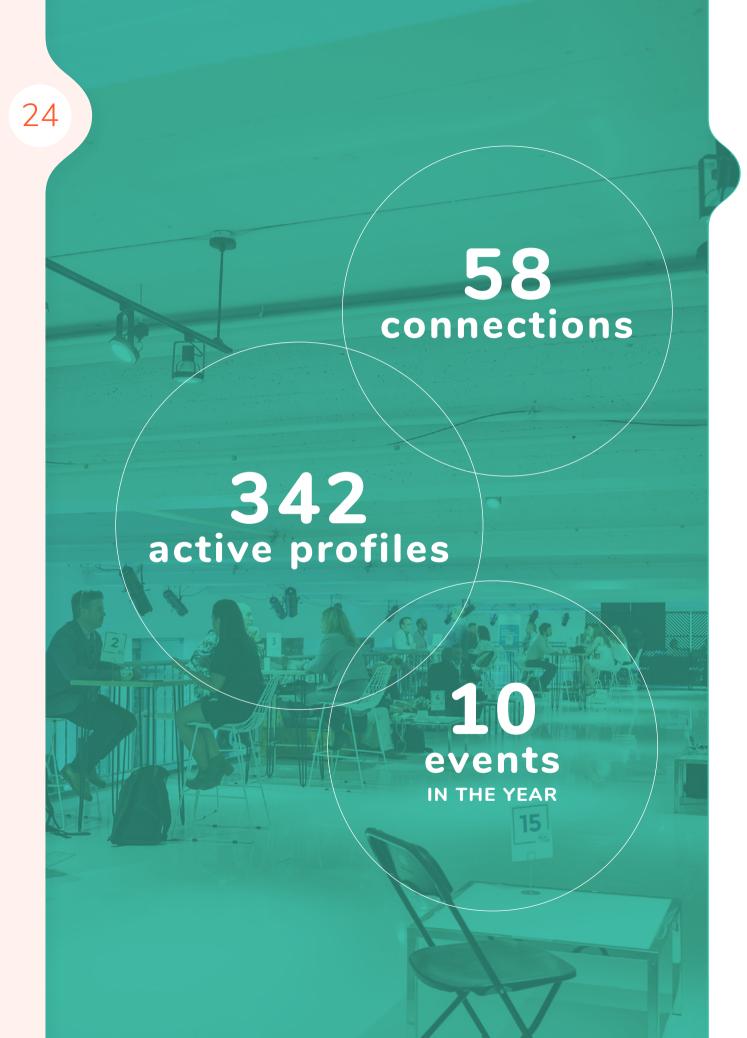
« Changer l'avenir, une recherche à la fois », La Presse, par Steven Ross



## October 31

« Ce qu'une grappe peut faire pour les PME », La Presse, by Fannie Arcand





## A year to network

Business networking was at the heart of Montréal InVivo's actions in 2023. In addition to the many networking opportunities organized as part of our events, we launched <u>B2B Thursdays</u>.

This initiative offers a monthly virtual meeting where participants schedule one-on-one meetings on the B2B/2GO platform with key players in the LSHT ecosystem. Thanks to B2B Thursdays, participants have the opportunity to forge strategic partnerships and find potential collaborators for their projects.

## New year, new website

The redesign of Montréal InVivo website represents a crucial step in our ongoing commitment to provide an immersive and accessible online experience for our members and partners.

This initiative aims to modernize our digital presence to provide an intuitive navigation and efficient platform for our web users. With a focus on accessibility, user-friendliness and content relevance, the new version of our website will strengthen our ability to effectively communicate our mission, projects and events to the life sciences community.



## **EFFERVESCENCE 2023**

The fourth edition of EFFERVESCENCE took place from May 2 to 4, 2023 at Montreal's Bonsecours Market, bringing together the key players in Quebec's life sciences and health technology ecosystem. With over 650 participants, Montréal InVivo is proud to play a leading role as a partner of this event, co-created by a multidisciplinary organizing committee of 25 partners and supported by 31 financial partners.

650 participants

31 financial partners

300+ organizations attending Through the efforts of the green team present at the event, an 83% recovery rate of residual materials was achieved for this fourth edition of EFFERVESCENCE, corresponding to:

- —— 31.45 kg of compost
- —— 7 kg of recycling
- 7.9 kg of final waste, i.e., 7.83 grams of final waste per person!





#### CONTEST

## **EFFERVESCENCE**"Pan-Canadian Start-Up Pitch Competition"

The EFFERVESCENCE Pan-Canadian Start-Up Pitch Competition was back in full force for its third edition. The competition showcased a host of winners in both categories, "Medical Technologies and Digital Health" and "Biopharmaceuticals and Biotechnology," namely: **A4i Inc, Cura Therapeutics,** NuvoBio, AssistIQ Technologies Inc. and Momentum Health. The winners were awarded several prizes donated by our sponsors: Gowling WLG and MEDTEQ+, Fonds de solidarité FTQ, **LOJIQ - Les Offices jeunesse** internationaux du Québec, adMare BioInnovations. NuvoBio, and Johnson & Johnson JLABS.

#### **CONTEST**

## "Tell us about your research"

Thanks to the support of

VisTaScience, Montréal InVivo,

Pharmabio Développement

and AbCellera, several winners

shone in their ability to explain

their research project in 3 minutes

during the "Tell us about your

research in 180 seconds" contest.

This contest awarded Fanny

Nobilleau, recipients of the Gold

prize, Étienne Marteau, recipient

of the Bronze prize, and Sharada

Swaminathan, recipient of the

Courage and Conviction prize.

#### **CONTEST**

## "Spotlight on your SME"

This year, the first edition of the "Spotlight on your SME" contest was held at EFFERVESCENCE! The aim of this contest is to give visibility to SMEs working for or in the sector to make it more sustainable and responsible. Thanks to the generosity of our sponsors: the **Conseil** de l'innovation du Québec. PME MTL, Centre Jacques Cartier, Air Canada, Desiardins, the **Région Auvergne-Rhône-**Alpes, la CPME Auvergne-Rhône-Alpes and Take-Off.io, numerous cash and in-kind prizes were awarded to the winner of this first edition: **Ulysse Biotechnologies** The other two finalists were etrëma and Lumed.

#### CONTEST

## "EFFERVESCENCE Stars"

The "EFFERVESCENCE Stars" contest has once again awarded three young Quebec researchers who have made outstanding scientific contributions to the life sciences and health technologies sector. Congratulations to the following three Stars winners:

Etienne Caron, Pierre-Luc

Boudreault, and Guillaume

Dumas were awarded a \$5,000 prize from the contest sponsor,

Gilead Sciences.



## **Decision-makers**

#### Members of the Board of Directors

FRANK BÉRAUD Montréal InVivo

FRÉDÉRIC ABERGEL CHUM

**FRANÇOIS BASTIEN** Medteq+

**DOMINIQUE BÉRUBÉ Concordia University** 

CÉDRIC BISSON Teralys Capital Inc

**VÉRONIQUE BOUGIE** Semathera

**BENOÎT BOULET McGill University** 

MARIE-ÈVE CÔTÉ ROBIC

**MARIE-PIER EMERY BLG** 

**GENEVIÈVE GUERTIN FTOS** 

**CAROL JABET FRQS** 

**YVES JOANETTE** Université de Montréal

MARTIN LEBLANC CellCarta

**CATHERINE LUNARDI** GenAiz

STÉPHANIE **VEYRUN-MANETTI** 

Sanofi

**GORDON MCCAULEY** adMare BIOINNOVATIONS

**JACQUES MILETTE** Honorary member

JEAN-MAURICE PLOURDE Honorary member

LAURENT PROULX

Procure

**RHIAN TOUYZ** 

McGill University **Health Centre** 

SRIDHAR VENKATESH **GSK Canada** 

> **Board MEETINGS**

## Chair of the Board

**CHRISTINE** LENNON-RÉGIMBAL **Incyte Biosciences** 

## Vice-Chair of the Board

DIANE GOSSELIN Consortium québécois sur la découverte du médicament

## **Secretary-Treasurer** of the Board

PIERRE FALARDEAU Consultation Pharma-Asset Inc.

## **Change of Board** Chair in 2023

In 2023. Montréal InVivo was pleased to announce the appointment of Christine Lennon, General Manager of

**Incyte Biosciences Canada**. as Chair of the Board. We wish her every success in this new role! We would also like to acknowledge the crucial role Martin Leblanc has played as Chairman of the Board of Montréal InVivo since 2018. Although 2023 marks the end of his duties as Chairman, Martin Leblanc will remain actively involved with the Board of Directors.

## Our team

Driven by passion and the desire to collaborate, each member of our team is determined to use expertise and work closely with industry stakeholders, sharing a common vision: to commit together to shared goals.

In 2023, we mark the departure of Laila Benameur from her position as Director of Entrepreneurship, and wish her all the best for all the best in her career!



MONTRÉAL INVIVO TEAM MEMBERS' PICKS FOR 2023



FRANK BÉRAUD
Chief Executive Officer

Being a privileged witness to the development of several members of the Montréal InVivo team.



FARAH BENDAHMANE

Senior Director – Strategic

Development and

Partnerships

The launch of the IA-Health Showcase the ALL IN event.



**CLAUDIE NOËL**Senior Director - Operations

The challenge of my new role as Senior Director of Operations and developing tools to help the team.



## ALIZÉE GOURONNEC

Director - Impact and Business Intelligence



The joint remobilization of intersectoral clusters around the preparation and publication of the inter-cluster sustainable development action plan.



#### **ROBIN DURAND**

Directeur - Integration of Innovation



Petanque tournament with one of our ecosystem partners.



## AUBRÉE BRODIN Project Manager



The outcome of the Al Health Podcast project.



## INÈS DESANLIS Project Manager



Collaborative projects with different partners.



## JOELLE CHRISPHONTE Digital Communications



Manager

All the team activities resulting from the creation of the social committee.



## MALAK SALAH Communications and Marketing Manager

Completing my first MIV project: the 2022 Activity Report.



### **SOPHIE DALLAIRE Project Manager EFFERVESCENCE**

Success of the fourth edition of EFFERVESCENCE.



## JOSÉE CÔTÉ **Executive Assistant** and Corporate Affairs Coordinator

The challenge of starting a new position on a superb team and replacing Diane Hubert, who had been with the team for a number of years and who was greatly appreciated by everyone. Big shoes to fill.



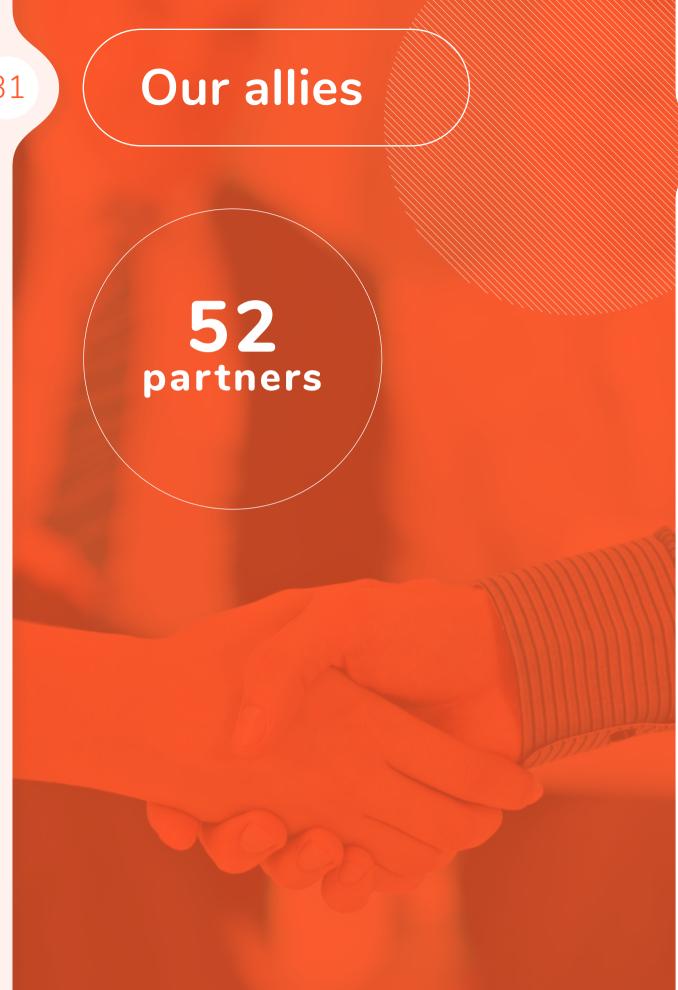
### **ANNE-LAURE GORGET** Director - Business Development

Taking on the "business development" role.



We are pleased to announce the arrival of Josée Côté on the Montréal InVivo team as Executive Assistant and Cooperative Affairs Coordinator, as well as that of Anne-Laure Gorget, new Director of Business **Development and Digital** Transformation Offensive.





## Our partners

- Abbvie
- Amgen
- **Amplitude Ventures**
- BioGen Canada Inc.
- BioQuebec
- BioTalent
- **Biotech City**
- Biotonix
- BNK Laboratoires Inc.
- Bristo Myers Squibb
- CellCarta
- CIRION BioPharma Recherche Inc.
- CIUSSS de l'est de Montréal Hôpital Maisonneuve Rosemont
- CIUSSSCS
- CTS-Santé
- École de technologie supérieure (ÉTS)

- · Edwards Lifesciences
- · Eli Lilly
- Fasken
- · Fonds de recherche du Québec
- GenAlz
- · Génome Québec
- **IQVIA Solutions Canada** Inc.
- Janssen
- · Linearis Labs
- Lundbeck
- · Merck Canada Inc.
- · Mispro Biotech Services Inc.
- · Novartis Pharma Canada
- · Novo Nordisk Canada Inc.
- · Organon
- · Péripharm
- · Pfizer

- Plakett Service Clinique
- Polytechnique Montréal
- Regroupement IA Santé
- · RI-MUHC
- Roche Diagnostic
- Sanofi
- Sectoral Asset Management
- Siemens Healthineers
- · TACTIX
- · Takeda
- · Teralys Capital
- · University Concordia
- · Université de Montréal
- · University McGill
- · Vertex Canada Inc
- · Vital Tracer

## 32 Our collaborators

- · Abbott
- AdMare
- · Adoc Talent Management
- · ADRIQ
- · Aéro Montréal
- AIOT Canada
- AluQuébec
- · AMOM
- · Amorchem
- Association des cardiologues du Québec
- Association des infirmières
   praticiennes spécialisées du Québec
- Association des médecins gériatres du Québec
- Association des médecins omnipraticiens de Montréal
- Axelys
- Boston Scientific
- Bureau du cinéma et de la télévision du Québec
- · Cargo M
- Cartagène
- · CASTL
- · CATALIS Québec
- CEI Montréal
- Centech
- · John Molson Executive Centre

- Centre of Excellence on Partnership with Patients and the Public
- · Centre de recherche du CHUM
- Centre Jacques Cartier
- REGI
- The Chamber of Commerce of Metropolitan Montreal
- · CHUM
- · <u>CIUSSS Centre-Sud-de-l'Ile-</u> de-Montréal
- · Clinical Trials Ontario
- · Conseil de l'innovation du Québec
- · Conseil Emploi Métropole
- · COOP Sens Climat
- · CQDM
- CQIB
- · CRIM
- · CTS
- Canada Economic Development for Quebec Regions
- · Digifab
- District 3 Centre d'innovation
- · Ecotech Québec
- · Emploi-Québec
- Esplanade
- Finance Montréal
- Fondaction
- Fondation de l'entrepreneurship

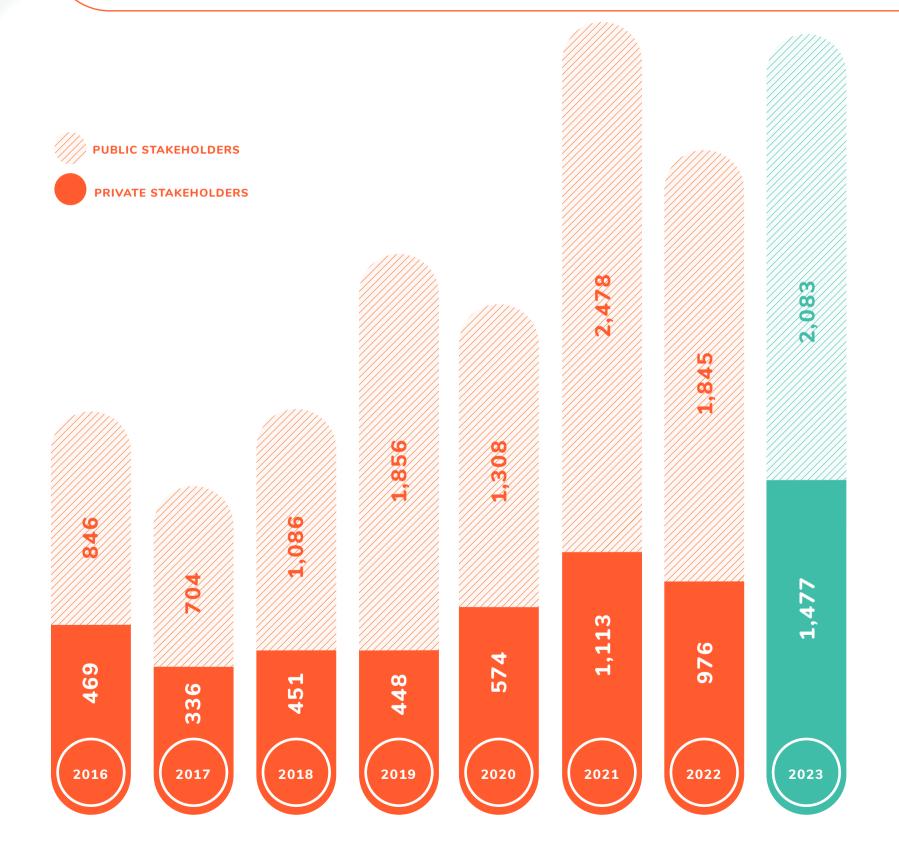
- Frëtt Design
- · Gray Oncology Solution
- · GrappeM Mode
- · GSK
- · Hacking Health
- · Healthy Brains for Healthy Lives
- · Hexoskin
- · Immune Biosolutions
- · INESSS
- Innovation, Science and Economic Development Canada
- · IRICoR
- · Institut de cardiologie de Montréal
- Montreal Clinical Research Institute (IRCM)
- Montreal Neurological Institute-Hospital
- · TransMedtech Institute
- Institut universitaire de cardiologie et de pneumologie de Québec
- Investissement Québec
- · IVADO
- Kat Innovation Inc.
- **HUB Montreal**
- Life Science BC
- Life Sciences Ontario (LSO)
- Lyonbiopole
- MAIN

- · Maison de l'Innovation Sociale
- · MEDEC
- Medlior
- Medtronic
- Ministère de l'Économie et de l'Innovation (MEI)
- · Mila
- Ministère de la Santé et des Services Sociaux du Québec
- Mitacs
- · Moderna
- · Montréal International
- Numana
- · Optel
- Ordre des ergothérapeutes du Québec
- Ordre des psychologues du Québec
- OVHcloud
- · Palais des congrès de Montréal
- · Pharmabio Développement
- · PME MTL
- · ICCI program
- PROMPT
- Puzzle Medical Devices
- Quantino
- · Québec International
- · Réseau CCTT
- Rogers

110 collaborators

- RSSPQ
- · Sage Innovation
- Secrétariat du Conseil du Trésor
- · Secrétariat à la région métropolitaine
- Services Québec
- Sherbrooke Innopole
- · Alzheimer Society of Montreal
- Société québécoise de gériatrie
- Startup Montréal
- · Technocompétences
- · <u>TechnoMontréal</u>
- · Thorasys
- · TOWWERS
- Université de Sherbrooke
- Université du Québec à Montréal

## Involvement of cluster stakeholders

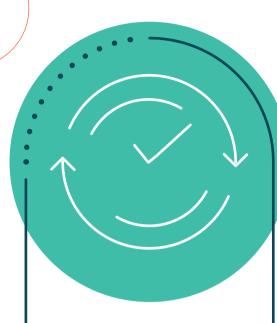


\$ in contribution

\$283,412
IN-KIND INDUSTRIAL
CONTRIBUTION

\$116,114
SEMI-PUBLIC/PUBLIC
CONTRIBUTION

\$399,526
TOTAL IN-KIND
CONTRIBUTION



2,905
HOURS OF TOTAL
PARTICIPANT
INVOLVEMENT

