

2024 Scientific Activities Report

EXECUTIVE SUMMARY

Here for life.



Shedding light on our achievements

2024 SCIENTIFIC ACTIVITIES REPORT

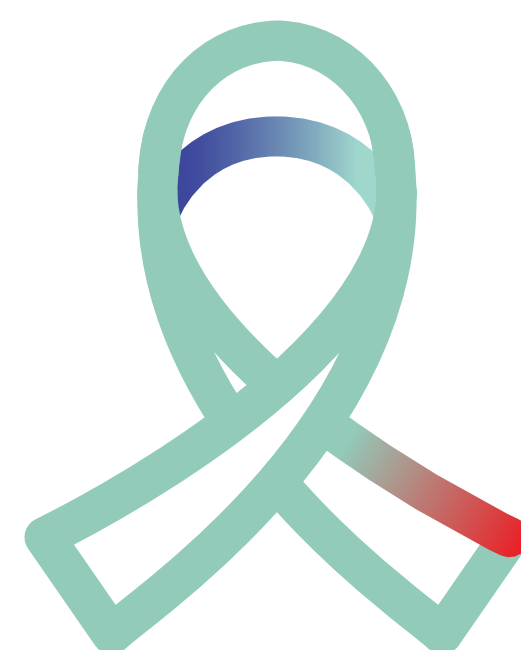
Héma-Québec’s scientific activities report sheds light on the scope of our organization’s scientific achievements. It is, therefore, an opportunity to highlight the extent to which research and innovation are central to Héma-Québec’s mission.



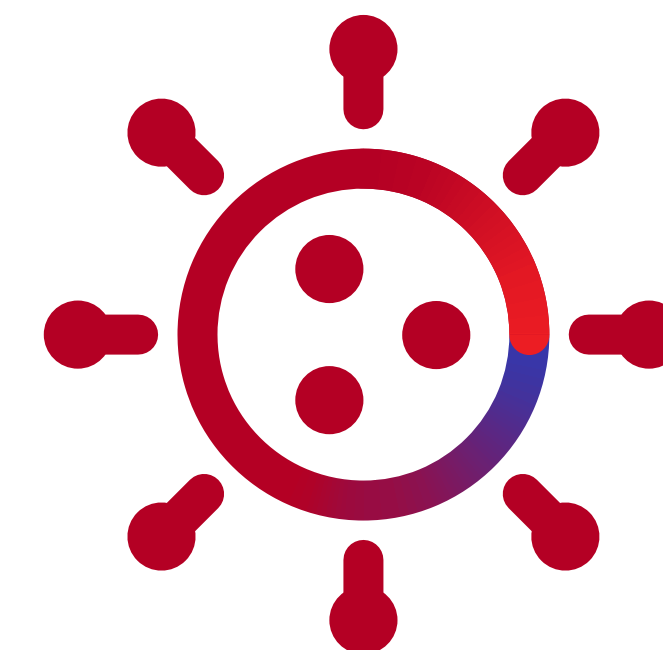
HIGHLIGHTS



In response to a patient's urgent need, Héma-Québec rapidly developed a screening method to assess the expression of CD36 on the surface of HLA-typed platelets.



An analysis conducted by Héma-Québec revealed that the risk of tuberculosis transmission through tissue transplantation was very low in Québec, showing the adequacy of current eligibility criteria.



Our organization has evaluated a pathogen inactivation technology that, once implemented, could alleviate—or even eliminate—some exclusion criteria for blood donation.



TRAINING AND KNOWLEDGE DISSEMINATION

Héma-Québec contributes to the training of the next generation of specialists in fundamental and applied research in fields related to its activities. Furthermore, our organization regularly welcomes physicians seeking to specialize in transfusion medicine. In 2024, Héma-Québec’s scientific staff launched a series of training activities.

2

erythrocyte immunology trainings

5

university courses

4

continuing education workshops

5

master’s and PhD students

1

postdoctoral researcher

1

fellow in transfusion medicine

20

resident physicians in hemato-oncology



OUTREACH

Knowledge developed by Héma-Québec's scientific staff are shared with the community. In addition, this contribution testifies to its expertise in the field of life sciences.

47

articles published
in peer-reviewed
scientific journals

22

conferences as
guest speakers

48

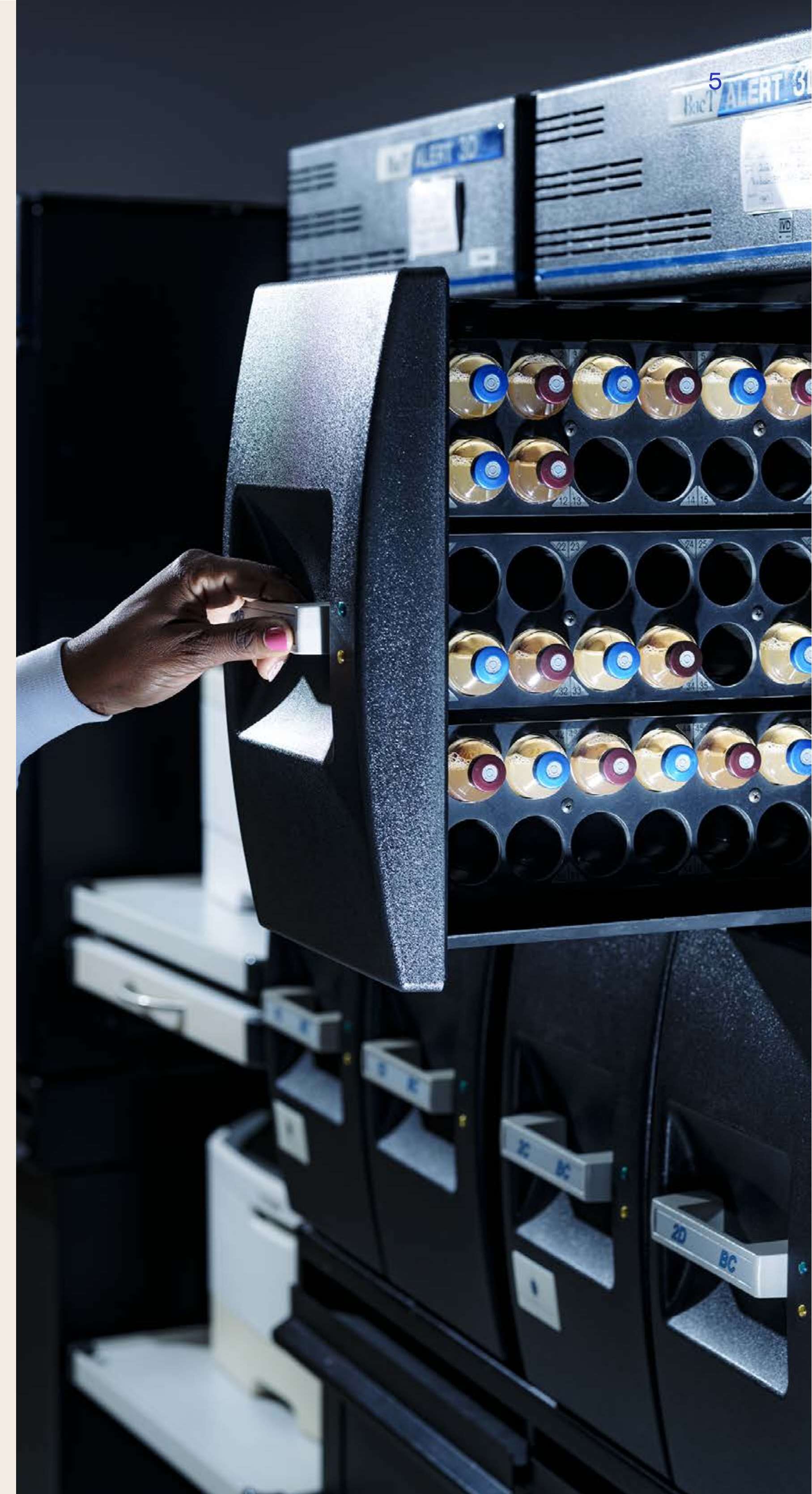
poster
presentations
at congresses

6

oral presentations
at congresses

1

book
chapter





OVERVIEW OF OUR TEAMS

Vice-présidence aux affaires médicales et à l'innovation Marc Germain, MD, PhD, FRCPC

Direction médicale, microbiologie et épidémiologie
Christian Renaud, MD, MSc, FRCPC

Direction médicale, donneurs et receveurs
Sylvie Lachance, MD, FRCPC, DRCPC

Direction de l'exploitation des tissus humains
Étienne Fissette, BSc, MBA

Direction scientifique
Renée Bazin, PhD

Direction des opérations de recherche
Mélanie Dieudé, PhD

Unité d'épidémiologie, de vigilance
et de gestion des risques biologiques
Antoine Lewin, PhD, MPH

Direction des services infirmiers
Isabelle Rabusseau, inf.

Vice-présidence à la médecine transfusionnelle Nancy Robitaille, MD, FRCPC

Direction médicale, hématologie et cellules souches
Catherine Latour, MD

Direction des cellules souches
Diane Fournier, PhD

Direction des laboratoires de référence
Marie-Claire Chevrier, MSc
Sandrina Da Fonseca, PhD

Direction du partenariat clinique avec les centres
hospitaliers
Marie-Hélène Robert, TM, RT

**Several of our teams use their
knowledge to drive forward
Héma-Québec's scientific activities.**



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