

CAROLINE JOSE, PhD, MBAc

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MAIN AFFILIATIONS

- **Adjunct Professor:** Department of Family Medicine and Emergency Medicine, Université de Sherbrooke, QC
- **Adjunct Professor:** Department of Chemistry and Biochemistry, Université de Moncton, NB

PROFESSIONAL PROFILE IN A GLANCE

- **Specialist** in Patient Engagement in Research.
- **National Lead** of the Patients and Community Partners Stream of the Clinical Trials Training Platform CANTRAIN
- Contributed to over **\$40,000,000 in research grants**.
- Authored **33 scientific articles**, **16 of which as first or last author**, totalling more than **2,000 citations** (*h-index: 16*; Google Scholar, Sept. 2025).
- **Co-holder of a patent in translational research**.
- **CIHR Certified Trainer** for the *Foundations of Patient-Oriented Research training*.
- Slowdown in professional activities between March 2019 and January 2022 due to illness

ACADEMIC TRAINING

- M.B.A., Université de Moncton; Expected completion, Fall 2025
- 2nd Cycle Medical Studies – Centre Hospitalier Universitaire Pellegrin, Bordeaux, France; 2013
- Ph.D., Cellular Pathophysiology, Bordeaux Segalen University, France; 2009-2012
- Ms.C, Biology, Université du Québec à Rimouski, QC; 2006-2008
- Bs.C., Biology, Université du Québec à Rimouski, QC; 2002-2005

ADDITIONAL TRAINING

- *Subtilités et nuances de l'évaluation diagnostique de l'autisme* – Dr Laurent Mottron training on the ASADIS platform – Certificate Attainment (2025)
- *Navigating Organizational Politics as a Senior Leader* – LinkedIn (2025)
- *Communicating in the Language of Leadership* – LinkedIn (2025)
- *Certified Neurodiversity Practitioner* – NeuroGifted; Certificate Attainment (2024)
- *CIHR Institute of Gender and Health Key Competencies* – Module on Sex and Gender in Primary Data Collection with Human Participants; Certificate Attainment (2023)
- ICH E6 Good Clinical Practice; Online Training – Certification (2023)

- *Communication for Health Research & Innovation* - Clarity Studio (2023)
- *Introduction to Comparative Analysis between Sexes+* from Status of Women Canada. Online Training – Obtained a Competency Certificate (2018)
- *Best Practices in Suicide Prevention Evaluation Program* - Summer Institute of the Centre for Research and Intervention on Suicide, Ethical Issues and End-of-Life Practices (CRISE), Montreal, QC (2018)
- *Basic Applied Behavior Analysis (ABA) Training Day*, Stan Cassidy Center, Fredericton, NB (2017)
- *ArcGIS*, Université de Moncton, NB (2017)
- *Train-the-Trainers*, In-Person Training – CIHR Instructor Certificate for *Foundations of Patient-Oriented Research Training*, Ottawa, ON (2017)
- *Annual KT Scientific Meeting* – Selection for Private Coaching Session with renowned Dr. France Légaré, Toronto, ON (2016)
- *Social Media Training*, Université de Moncton, NB (2015)
- *End of Grant Knowledge Translation Course*, Halifax, NS (2015)

RESEARCH GRANTS

-MITACS - Business Strategy Internship : Principal Investigator

- Game Development Research Pertaining To Autistic Representation In Games
- 40 000\$ (2025-2026)

-CIHR – Moving Upstream : Catalyst grant on structural determinants of health : Principal Investigator

- Addressing structural ableism in the digital world to improve health equity of real-world autistics: an autistic co-led, interdisciplinary and multisectoral approach to ethical representation in game design
- 125 000\$ (2025-2026)

-NB RESEARCH Establishment grant for early career investigators – Principal Investigator

- Stratification of autistic population by comorbidity profile: an exploratory modelling approach to understand the heterogeneity of the Autism Spectrum Conditions
- \$93,000 (2024-2026)

-CIHR Operating grant - Planning and dissemination grant - Principal Investigator

- When lived-experiences, technology and science meet to decrease stigma around autism
- \$25,000 (2023-2024)

-NBHRF Strategic Grant - Principal Investigator

- Comprehensibility and use of the Uresta urinary pessary
- \$44,000 (2023-2024)

-NBHRF Strategic Grant - Principal Investigator

- To be or not to be a working health professional when having graduated abroad
- \$142,000 (2023-2025)

-CIHR Operating Grant (sub-award) - Collaborator

- The Canadian Network of COVID-19 Clinical Trials Network
- \$35,000 (2022-2023)

- CIHR Training Grant: Clinical Trials Training Platform - Co-investigator
 - CANadian Consortium of Clinical Trials TRAINing (CANTRAIN) platform
 - \$13,000,000 (2022-2025)
- ACUFC Knowledge Mobilization Opportunity - Principal Investigator
 - KT CONNECT video.
 - \$20,000 (2019)
- MSSU Priority Project Fund - Principal Investigator
 - Continuity of care and services for adults living on the autism spectrum (CONNECT)
 - \$15,000 (2018-2019)
- CFN/NBHRF Catalyst Grant Competition – Co-investigator
 - Social Frailty in Recently Relocated Semi-Independent Older Adults
 - \$68,928 (2018-2019)
- CNFS Knowledge Mobilization Initiative - Principal Investigator
 - Continuity of care and services for adults living on the autism spectrum.
 - \$16,000 (2017-2018)
- MSSU Priority Project Fund - Principal Investigator
 - Continuity of care and services for adults living on the autism spectrum.
 - \$58,000 (2017-2018)
- CIHR Team Grant - Co-investigator
 - Evaluate the effectiveness of gender-based analysis; The mATrICES-F.
 - \$458,000 (2017-2020)
- CIHR Operating Grant: SPOR PIHCI Network: Rapid Search - Collaborator
 - Creation of a comprehensive child health profile and birth cohort au NB et IPE.
 - \$83,000 (2016)
- CIHR Operating Grant - Co-Investigator
 - SPOR Network on Diabetes and Complications
 - \$25,000,000 (2016-2021)

SCHOLARSHIPS

- Beatrice Hunter Cancer Institute Postdoctoral Fellowship; \$100,000 (2015-2017)
- NSERC Doctoral Scholarship; \$42,000 (2010-2012)
- FRQNT Doctoral Scholarship; \$36,000 (2009-2012)

RECOGNITIONS & AWARDS

- **Recognition from the CIHR College of Reviewers for the Exceptional Contribution to Peer-review** – Project Grant Competition - Spring 2024
- **Changemaker and Innovator in Health Research January 2023 Award** - NBHRF and 2023 **Annual Award** Nomination
- **Selection to represent the Université de Moncton** at the 1st Forum on Academic Innovation – Agence Universitaire de la Francophonie, Sao Paulo, Brazil; 2019

- **Nominated for the Gold Leaf Prize** for Transformation: Patient Engagement from the Canadian Institutes of Health Research; 2018
- **Canadian Heritage Award** – MBA; Université de Moncton; 2015; \$500
- **Selected by the Bridging Competitive Examination** for admission to the 2nd year of medical studies; University of Bordeaux, France
- **Young Investigator Award** for an oral presentation at the 2011 Mitochondria, Apoptosis and Cancer (MAC) Congress; Singapore. \$1,500
- **Travel awards** for conference attendance:
 - EBEC 2010, Poland; \$750
 - MIP 2010, Austria; \$750;
 - SFAR 2010, France; 750\$
 - Mitochondrial Metabolism and Cancer 2010, Italy; 750\$.
- **ACFAS People's Choice Award** 2008, Quebec City, QC; \$500
- 2008 Centre d'Étude Nordique **Research Excellence Award**, Quebec City, QC; \$3,500
- 2007 Centre d'Étude Nordique **Research Excellence Award**, Quebec City, QC; \$1,700
- **Award for Best Cultural Director** from the Université du Québec à Rimouski 2007, QC; \$500

TEACHING EXPERIENCE

Academic Teaching Experience

- **Developer and Clinical Lecturer**
Nanoprogram in Advanced Practices in Patient Engagement
Université Laval, QC (2025)
- **Lecturer**
Human Physiology I (BIOL2133)
Anatomy & Physiology I (BIOL1133/1143)
Physiology II (BIOL2233)
Université de Moncton, NB (2018)
- **SPT Research Tutor**
Undergraduate Medical Program
University of Sherbrooke, QC (2018-2019)
- **APÉ-APP Tutor**
Undergraduate Medical Program
University of Sherbrooke, QC (2017-2018 and 2018-2019)
- **Lecturer**
Cellular Bioenergetics
Anaesthetics and Reanimation Department, Centre Hospitalier Universitaire Pellegrin,
Bordeaux, France (2012)
- **Lecturer**
Energetic Metabolism and Mitochondrial diseases (2011 et 2012)
Ségalen University, Bordeaux, France

Coaching and training

- **Developer & Trainer**

"Getting Away From Tokenism: What Patient Engagement Really Is"; workshop developed for the Canadian Cancer Research Conference; Halifax, NS (2023)

- **Developer & Trainer**
"Patient Partners and Basic Research: Where to Start?"; workshop developed for the MaRoute Health Training Network; Mont-Orford, QC (2023)
- **Developer & Trainer**
"Scientific Writing Workshop: Basics"; workshop developed for the Medical Student Research Interest Group of the Medical Education Centre; Moncton, NB (2023)
- **Trainer**
CIHR Foundation of Patient-Oriented Research Curriculum in English and French; Mont-Orford, QC, Moncton, NB, Halifax, NS, Edmonton, AB, Toronto, ON (2016 to 2019 then bi-annual virtual trainings since 2020)
- **Developer & Trainer**
Patient Partnership in Health Research; Diabetes Canada Annual Meeting, Halifax, NS (2018)
- **Instructor - Sessions: Introduction to Clinical Epidemiology, Patient Engagement and Knowledge Translation at the Clinical Epidemiology Workshop: An Introduction to Patient-Oriented Research; MSSU, Moncton, NB (2016 and 2017).**
- **Volunteer Teacher**
ISMER Summer School in Discovery of Phytoplankton and Ice Algae (2007 and 2008)

Supervision of graduate students and postdoctoral fellows

- Director of a postdoctoral fellow – Dr. Alexander Widdowson (May 2025 to present)
- Member of the steering committee for a doctoral student in Health Sciences - University of Sherbrooke (September 2023 to June 2027)
- Co-supervisor of doctoral thesis with Dr. Alan Cohen (University of Sherbrooke and Columbia University) – Kendra Cooling (September 2023 / January 2024); withdrew from studies early for family reasons.

Supervision of research staff

- Research assistants: Nedward W. Rehanek (May 2025 to present); Dr. Roy Biegaing (May 2025 to present)

Mentoring

- Mentor - Clinical Trials Training Platform (CANTRAIN) (2023-present)
- Member of the Direction committee of a doctoral student in Health Sciences - Université de Sherbrooke (2023 to 2027)
- Supervision of a PhD student in Health Sciences
Université de Sherbrooke (2022-03 to 2022-12)
- Mentor of a Master's Student in Health Services Management
Université de Moncton (2022 to 2023);
- 8 medical students from the Université de Sherbrooke in research
Université de Moncton (2015 to 2023)
- Co-supervision of 5 master's students during my PhD
University of Bordeaux (2009-2012)
- Co-supervision of 2 undergraduate students during my master's degree
UQAR (2007-2008)

Other Relevant Teaching Experience

- Elementary Substitute Teacher (Grades 3 to 8); Schools in the District scolaire francophone Sud, NB (2021)
- Tutor in Human Physiology (2 students), Human Pathology (2 students), Nutrition (1 student), Biochemistry (1 student), Biostatistics (1 student)
Bordeaux, France (2012-2013)

RESEARCH EXPERIENCE

- 2023-01 to present:
Adjunct Professor
Department of Chemistry and Biochemistry, Université de Moncton, N.B.
- 2023-01 to 2025-09t :
Embedded Researcher
Vitalité Health Network
- 2022-11 to 2023-01:
Scientific Lead of the CHU Dumont biobank and the Clinical Trials Unit
Vitalité Health Network
- 2021-09 / 2022-11:
Director of Clinical Research and Subspecialty Clinics
Vitalité Health Network
- 2022-03 to present:
Affiliated Scientist
Maritime SPOR Support Unit (MSSU)
- 2016-12 to present:
Adjunct Professor,
Department of Family Medicine and Emergency Medicine,
University of Sherbrooke, QC
- 2021-01 / 2021-08:
Health and Patient Engagement Researcher
Patient Engagement Coordinator
Maritime SPOR Support Unit (MSSU)
New Brunswick Medical Training Centre, Moncton, NB
- 2015-01 / 2020-12:
Director and Lead of the Moncton Branch's Patient Engagement, Knowledge Mobilization, Administrative Data and Health Research Methods Priority Areas
Maritime SPOR Support Unit (MSSU)
New Brunswick Medical Training Centre, Moncton, NB
- 2014-09 / 2015-01:
Postdoctoral Researcher
Atlantic Cancer Research Institute, Moncton.
Supervisor: Dr. Sandra Turcotte.
- 2014-03 / 2014-09:
Postdoctoral Researcher
Institute of Paediatrics and Genetics, University of Padua, Italy.

- Supervisor: Prof. Leonardo Salviati.
- 2009-01 / 2009-08:
Scientific Instrumentation Technician
Department of Oceanography, University of Bordeaux 1, Bordeaux, France.
- 2005-09 / 2008-09:
Research Assistant: Institut des Sciences de la Mer (ISMER), Rimouski, QC. Supervisor: Pr. Michel Gosselin
- 2005-05 / 2005-09:
Research Assistant: Canadian Museum of Nature, Ottawa, ON.
Supervisor: Dr. Michel Poulain

CONTRIBUTIONS TO THE COMMUNITY

- **Review Team Member** – Joint Taks Force (JTF) Clinical Trials Competency Framework – Patient Partners Addendum - Multi-Regional Clinical Trials Center of Brigham and Women's Hospital and Harvard (2025)
- **Vice-Chair** of the Autism Resource Centre of Southeastern NB (2025)
- **Review Board Member** – CANTRAIN (2025)
- **Peer Review Committee Member** of the Project Grant Program – CIHR (2024-2025)
- **National Scientific Lead** of Stream 4 on Patient and Community Training on Clinical Trials, CANTRAIN, since March 2024
- **Member of the National Committee of Reviewers**, CANTRAIN, since March 2024
- **Reviewer** of students and postdoctoral poster awards of the National Clinical Trials Training Annual Summit, Montreal (2024)
Reviewer of abstracts submitted to the 2024 INSAR Annual Conference (2023)
- **Co-Organizer and Moderator** of Research NB Health Research Week; Saint-John, NB (2023)
- **Reviewer** of abstracts submitted to the 2023 NB Research Annual Conference
- **Member** of the Steering Committee and the Patient Engagement Working Group of the POPCORN pediatric research network (2023-present)
- **Chair and Invited Speaker** of the Patient Engagement Workshop during the Canadian Cancer Research Conference; Halifax, NS (2023)
- **Coach & Facilitator** of the Patients and Families Advisory Committee Re-boot of Vitalité Health Network; Bathurst, NB (2023)
- **Member** of the Capacity Development Advisory Committee – MSSU (2023-present)
- **Member** of the Patient Oriented Research Working Group – MSSU (2023-present)
- **Invited Participant** to the SPOR Reset focus group – CIHR (2023-2024)
- **Reviewer** of the Postdoctoral Fellowship grants for the Clinical Trials Training Platform (CANTRAIN) (2023)
- **Invited member and co-investigator** of the Intr'apreneur study – University of New England, Melbourne, Australia (2023-present)
- **Prospective Reader (Reviewer)** of a book on autism submitted to Wilfrid Laurier University Press (2023)

- **Member** of the Clinical Trials Training Platform (CANTRAIN) working group on Patient Engagement (2023 to present)
- **Stakeholder Engagement Consultant** and **Guest Member** of the Strategic Committee of the Open Laboratory Initiative of the Provincial Bio-Imaging Quebec Network (2023)
- **Member** of the Mentorship Working Group - Clinical Trials Training Platform (CANTRAIN) (2022 to present)
- **Member of the Board of Directors** of the Autism Resource Centre of the Southeast NB Region (2022 to present)
- **Reviewer** for the Canadian Cancer Research Alliance's annual Exceptional Leadership in Patient Engagement in Cancer Research Award (2023)
- **Guest Associate Editor of the Special Topic:** The NeuroCOVID-19 Syndrome: Cognitive and Psychological Profiles, Physiopathology, and Impact on Neurologically Vulnerable Populations in the journal **Frontiers in Dementia, Aging and Risk Factors** (2023)
- **Member** of the Learning Health Systems Working Group - Atlantic Clinical Trials Network (ACTN) (2022 to present)
- **Member** of the Atlantic Clinical Trials Network Executive Committee (2021-2023)
- **Organizer and facilitator** of the bi-annual TADA! From the NB Centre for Precision Medicine, Moncton, NB (2021 and 2022)
- **Co-Organizer** and Moderator of NBHRF Health Research Week (2022)
- **Co-Organizer** and Moderator of NBHRF Clinical Trials Day (2022)
- **Member** of the Atlantic Clinical Trials Network (ACTN) Steering Committee (2021 to present)
- **Reviewer** for the journal Research Involvement and Engagement (2020 to present)
- **Cancer Panel Moderator**, The Future of Cancer Research: Should We Look Inside or Outside the Cancer Cell? as part of NBRF Health Research Week; online (2020)
- **Opening Master of Ceremonies** and Collaborator in the New Brunswick Data, Research and Training Centre (NB-IRDT) satellite implementation project at the Université de Moncton (2018)
- **Reviewer** of abstracts submitted to the INSAR Annual Conference in Montreal (2018)
- **Reviewer** for the Estonian Research Council Health Research Grant Competition (2018)
- **Member of the DUO funding selection committee** of the Centre de formation médicale du NB and Vitalité Health Network, Moncton, NB (2018)
- **Reviewer** for JOVE magazine (2018)
- **Invited Member** of the NBMFC Research Steering Council, Moncton, NB (2017 to present)
- **Invited member and co-investigator** of the Aging & Autism Think Tank Group led by Autism Canada, Autism Research Institute, and Pacific Autism Family Network (2017 to present)
- **Volunteer** for the Autism New Brunswick Steering Committee (2017)
- **Developer and manager** of the CONNECT website (2017 to 2021)
- **Co-Developer and Co-Leader** of the Interprovincial Patient Engagement Working Group (IPEWG) of the Maritime SPOR SUPPORT Unit (MSSU) (2017-2019)
- **Co-developer and co-organizer** of the 1st NB SPOR Summit, Moncton, NB (2017)

- **Moderator** pour le PATI workshop” Sharing Evidence and Perspectives on the Impact of Preschool Autism Treatment”, Halifax, NS (2016)
- **Interviewer and writer** of recognition articles on Francophone recipients of joint scholarships from the MSSU and the NB Health Research Foundation (2016)
- **Coordinator** of various health research trainings in Moncton, NB (2016 to 2018)
- **Invited Member and Co-Investigator** of the SPOR Network in Diabetes and its Related Complications (2016 to present)
- **Treasurer** of the Garderie L'Éveil at the Université de Moncton (2015 and 2016)
- **Co-organizer** of the 8th Annual Conference on Mitochondrial Physiology Society, Bordeaux, France (2011)
- **Reviewer** for the International Journal of Biochemistry and Cell Biology (2011 to 2016)

PUBLICATIONS

Articles

1. Al-Qadi M., **Jose C.**, Gaudet J., Thibeault Y. (2025). Effects of N-Acetyl-L-Cysteine on the progression of kidney dysfunction in Acadian variant Fanconi syndrome: a case series. Manuscrit accepté dans Nephron le 25-10-2025. NEF-2025-6-23/R1
2. Al-Younis I., Martin-Jiménez R., Khan M., Baussan Y., **Jose C.**, Thibeault Y., Hébert-Chatelain E. (2025). N-acetyl-L-cysteine improves mitochondrial and oxidative defects in the acadian variant of fanconi syndrome. *Experimental Biology and Medicine*. 250:10448.
3. Lavergne M.R., Easley J., Grudniewicz A., Hedden L., McDonald T., Rudoler D., Sauré D., Correia R., Dufour É., Gallant F., Hakim J., Johnson C., **Jose C.**, Katz A., MacKenzie A., Martin-Misener R., McCracken R., Nethery E., Piccinini-Vallis H., Peterson S., Scott I., Shiplett H., Simkin S., Spencer S., Thelen R., Welton S., Wilson E. (2025). Changing primary care capacity in Canada: Protocol for a cross-provincial mixed methods study. *BMJ Open*. 099302.R1: 1-5
4. **Jose C.** (2024) Breaking through the noise: how to unveil the cognitive impact of long COVID on pre-existing conditions with executive dysfunctions? *Front. Psychiatry*. 15:1390214
5. **Jose C.**, Rudroff T and Chamard-Witkowski L. (2024) Editorial: The NeuroCOVID-19 syndrome: cognitive and psychological profiles, physiopathology, and impact on neurologically vulnerable populations. *Front. Neurol*. 15:1452895
6. Saucier J*, **Jose C***, Beroual Z, Al-Qadi M, Chartrand S, Libert E, Losier M-C, Cooling K, Girouard G, Jbilou J and Chamard-Witkowski L (2023) Cognitive inhibition deficit in long COVID-19: An exploratory study. *Front. Neurol*. 14:1125574. *co-first authorship
7. Deom Tardif A, Gogovor A, Guay-Bélanger S the **mATrICES-F Group**, et al. Integration of sex and gender in a continuing professional development course on diabetes and depression: a mixed methods feasibility study *BMJ Open* (2022) 12:e050890.
8. Curran, J. A., Somerville, M., Boulous, L., Caudarella, A., Crowther, D., Johnson, C., Wozney L., MacPhee S., Sinclair D., Elliott Rose A., **Jose C.**, and Joudrey, M. (2021). Identifying harm reduction strategies for alcohol and drug-use in inpatient care settings and emergency departments: a scoping review protocol. *BMJ open*, 11(10), e055654.

9. **Jose C.**, George-Zwicker P., Bouma A., Tardif L., Pugsley D., Bélanger M., Robichaud M. and Gaudet J. The Association between Clinical, Social, Financial Factors and Unmet Needs of Autistic Adults: Results from an Observational Study. *Autism in Adulthood* (2021) 1; 3(3):266-274
10. **Jose C.**, George-Zwicker P., Tardif L., Bouma A., Pugsley D., Bélanger M., Gaudet J. and Robichaud M. 'We are the stakeholders with the most at stake': scientific and autism community co-researchers reflect on their collaborative experience in the CONNECT project. *Research Involvement and Engagement*, (2020) 6:58
11. Edelson S. M., Nicholas D. B., Stoddart K. P., Bauman M. B., Mawlam L., Lawson W. B., **Jose C.**, Morris R., Wright S. C. Strategies for Research, Practice, and Policy for Autism in Later Life: A Report from a Think Tank on Aging and Autism, *Journal of Autism and Developmental Disorders*, (2020) 51(1):382-390 <https://doi.org/10.1007/s10803-020-04514-3>
12. Eltonsy, S., Doiron, M. D., Simard, P., **Jose, C.**, Sénéchal, M., Bouchard, D. R., ... & Bélanger, M. (2020). Comparing the Effect of Combining Exercise with Rosuvastatin versus Atorvastatin on Lipid Profile and Functional Capacity: A Retrospective Cohort Study. *BioMed research international*, 2020.
13. Hébert J., Eltonsy S., Gaudet J., **Jose C.** Incidence and risk factors for anastomotic bleeding in lower gastrointestinal surgery. *BMC Research. Notes*, (2019) 12(1):378.
14. Eltonsy S., Dufour Doiron M., Simard, P., **Jose C.**, Sénéchal, M., Bouchard D. R., LeBlanc R., Bélanger M. Effects of the combination of metformin and exercise on glycated hemoglobin, functional capacity, lipid profile, quality of life, and body weight. *Journal of International Medical Research* (2019) 47(3): 1131–1145
15. Légaré F., Lee Gosselin H., Borduas F., Monette C., Bilodeau A., Tanguay D., Dawn S., Gagnon M.-P., Roch G., Dogba M. J., Bussi  res A., Tremblay M.-C., B  langer A.-P., **Jose C.**, Desroches S., Robitaille H. and Rhugenda S.-M. Approaches to considering sex and gender in continuous professional development for health and social care professionals: an emerging paradigm, *Medical Teacher*, (2018) 40(9):875-879
16. **Jose C.**,   . H  bert Chatelain, N. Amoedo, E. Roche, H. Rezvani , P. Pourquier, D. Lacombe, R. Rossignol et K. Nouette-Gaulain. Redox mechanism of levobupivacaine cytostatic effect on human prostate cancer cells, *REDOX Biology*, (2018), 18:33-42
17. Robichaud A., Belanger M., Poirier M., Cloutier F., Gaudet J. and **C. Jose**. Avoidance of the vaginal incision site for mesh placement in vaginal wall prolapse surgery: A prospective study, *European Journal of Obstetrics, Gynecology and Reproductive Biology*, (2017) 217:131-136
18. Sparks S., Tranchant C., Malinski P., Montelpare W., Belanger M., Miedema B., Bouchard D., S  n  chal M., **Jose C.**, Barre E., Rossiter M., Bryanton J., Holland M. and McDonald T. Challenges and facilitating factors in accessing administrative data for research: Insights from the Children's Health Profile and Trajectory Initiative in NB and PEI. *International Journal of Population Data Science* (2018) 3(4)
19. **Jose C.***, Dionne K*., A. Caron et F. Dufresne. Association between clonal diversity and species diversity in subarctic zooplankton communities. *Journal of Plankton Research*, (2017) 39 (2) : 232-245. * co-first authors
20. Obre E., Bellance N., Lavie J., **Jose C.**, Smiers C., Durrieux S., Benard G., Bonneau M., Claverol S., Teichman M., Redonnet-Vernhet I., Bouzier-Sore K. and R. Rossignol. Metabolic remodelling: 'The hidden part of Warburg's iceberg'. *European Journal of Clinical investigation*, (2014), 44:46-46

21. **Jose C.** and R. Rossignol, Rationale for mitochondria-targeting strategies in cancer bioenergetic therapies. *International Journal of Biochemistry and Cell Biology*, (2013), 45(1):123-9.
22. Melser S., E. Hébert Chatelain, J. Lavie, W. Mahfouf , **C. Jose**, E. Obre, S. Goorden, M. Priault, Y. Elgersma, H.R. Rezvani, R. Rossignol and G. Bénard, Rheb regulates mitophagy induced by mitochondrial energetic status, *Cell Metabolism*. (2013),17(5):719-30.
23. **Jose C.**, S. Melser, G. Bernard and R. Rossignol, Mitoplasticity: Adaptation biology of the mitochondrion to the redox state in physiology and carcinogenesis. *Antioxidants & Redox Signaling*. (2013), 18(7): 808-849.
24. Melser S., E. Hébert Chatelain, J. Lavie, E. Giraud, **C. Jose**, R. Rossignol and G. Bénard, Mitophagy regulated by Rheb and the maintenance of mitochondrial activity. *BBA-Bioenergetics*, (2012), 1817(Supplement): S73.
25. **Jose C.***, Hébert Chatelain E.*, N. G. Cortes, J. W. Dupuy, C. Rocher, J. Dachary-Prigent and T. Letellier, Preservation of NADH ubiquinone-oxidoreductase activity by Src kinase-mediated phosphorylation of NDUFB10. *BBA-Bioenergetics*, (2012), 1817(5): 718-725. * co-first authors
26. **Jose C.**, É. Hébert Chatelain, N. Bellance, K. Noufette-Gaulain and R. Rossignol, Antiproliferative activity of levobupivacaine and aminoimidazole carboxamide ribonucleotide on human cancer cells of variable bioenergetic profile, *Mitochondrion*, (2012), 12(1): 100-9.
27. **Jose C.**, Hébert Chatelain E., N. Bellance, A. Larendra, G. Benard, K. Nouette-Gaulain and R. Rossignol, AICAR inhibits cancer cell growth and triggers cell-type distinct effects on mitochondrial biogenesis, oxidative stress and Akt activation, *BBA-Bioenergetics*, (2011), 1807(6): 707-718.
28. Nouette-Gaulain K., **Jose C.**, X. Capdevila and R. Rossignol, From analgesia to myopathy: when local anesthetics impair the mitochondrion, *The International Journal of Biochemistry & Cell Biology*, (2011) 43(1):14-9.
29. **Jose C.**, N. Bellance and R. Rossignol, Choosing between glycolysis and mitochondrial metabolism: a tumor's dilemma ? *BBA-Bioenergetics*, (2010), 1807(6): 552-561.
30. Benard G., N. Bellance, **C. Jose**, S. Melser, K. Nouette-Gaulain and R. Rossignol, Multi-site control and regulation of mitochondrial energy production, *BBA-Bioenergetics* (2010), 1797(6-7): 698-709
31. Martin J., Tremblay J. E., Gagnon J., Tremblay G., Lapoussière A., **Jose C.**, Poulin M., Gosselin M., Gratton Y. and C. Michel, Prevalence, structure and properties of subsurface chlorophyll maxima in Canadian Arctic waters. *Marine Ecology Progress Series* (2010), 412:69-84.
32. **Jose C.**, É. Hébert Chatelain and F. Dufresne, Low flexibility of metabolic capacity in subarctic and temperate cytotypes of *Daphnia pulex*'. *Journal of Thermal Biology* (2009), 34:70-75
33. **Jose C.** and F. Dufresne, Differential survival among genotypes of *Daphnia pulex* differing in reproduction mode, ploidy level and geographic origin. *Evolutionary Ecology* (2009), 24:413-421.

Patent

1. Nouette-Gaulain K., Rossignol R. **Jose C.**, Rezvani H. et Hamonic Y. "Local anesthetics and use thereof in cancer", European Patent N.13306023.6, 08/2013.

Book Chapters

1. Obre E., Bellance N., **Jose C.**, Benard G., Nouette-Gaulain K. and R. Rossignol, Chapter 11: Relevance of Mitochondrial Functions and Plasticity in Tumor Biology, *Mitochondria: The Anti- cancer Target for the Third Millennium* by Neuzil J., Pervaiz S. and S. Fulda. pp 291-325 Springer Netherlands. 2014
2. Benard G., N. Bellance, **Jose C.** and R. Rossignol, Chapter 2: Relationships between mitochondrial dynamics and bioenergetics, *Mitochondrial Dynamics and Neurodegeneration* by Bingwei Lu. 272 pages. Springer SBM. 2011.

Reports

1. **Jose C.** La compensation des patients partenaires: Rapport d'expert pour guider le développement d'un plan d'affaires au Réseau de santé Vitalité. 2024. Réseau de santé Vitalité
2. **Jose C.** Création de lignes directrices et d'outils pour faciliter l'implémentation d'une nouvelle méthode de Patient Traceur au sein du Réseau de santé Vitalité. 2025. Réseau de santé Vitalité
3. **Jose C.**, Gaudet J. et Robichaud M. Attitudes and Beliefs, Knowledge and Current Practice of Primary Health Care Practitioners Related to Mental Health, Addictions and Suicide: A Provincial Survey. 2019. Pour le Département de la santé du N.-B. – branche des Addictions et de la santé mentale.
4. Aging & Autism Think Tank Group. Autism in Later Life: A Think Tank on the Effects of Aging on the Autism Spectrum. Publié en ligne sur le site d'Autisme Canada. 2018
5. **Jose C.**, George Zwicker P and the CONNECT team. Maritime Adult Autism Profile – 2018 Snapshot. The CONNECT project.
6. **Jose C.** The challenges of the Patient-Research partnership. Dec. 2017. mATrICE-F Project
7. **Jose C.** and George Zwicker P. Knowledge Sharing Workshop Report – CONNECT. Nov 2017
8. **Jose C.** SKUAC Child Health Report. From the Project: Creation of a child health profile and birth cohort in NB and PEI . 2017
9. **Jose C.** Expert Report of Dre. Caroline Jose: Socioeconomical context of autism-related services in New Brunswick. November 22, 2017. For: Doyon, Nguyen, Tutunjian & Cliche-Rivard – Lawyers, S.E.N.C.
10. Mid-term Evaluation Report of MSSU - section of Moncton - to CIHR. 2016, 2017, 2018
11. Annual report of MSSU – section of Moncton - to CIHR. 2016, 2017, 2018
12. **Jose. C.** Evaluation of the Patient Engagement Service. Internal analysis of operation management. MSSU. 2015

Videos (bilingual and accessible to the hearing impaired)

1. Vidéo de mobilisation des connaissances CONNECT Knowledge Sharing video – **Jose.C.**, Georges Zwicker P. and the CONNECT team.
2. CONNECT Survey Promotion video – **Jose.C.**, LeBlanc E., Georges Zwicker P.
3. CONNECT Summit Promotion video – **Jose C.**

ORAL PRESENTATIONS

1. **Jose C.**, Rehanek W. N. Self-Impression: Exploration of Autistic Representation in Video Games through Character Design. World Psychiatry Conference. Prague (2025). Lightning presentation.
2. **Jose C.** Breaking through the noise. International Society for Alzheimer Disease and Dementia (ISAD). Berlin (2025). Oral Presentation. Invited speaker.
3. **Jose C.** Exploring the association between sensory processing disorders and co-occurring physical, mental and neurodevelopmental conditions in autistic adults. Annual Conference of the International Society of Autism Research (INSAR). Seattle, United-States (2025). Poster.
4. **Jose C.** Subgrouping autistic adults by co-occurring conditions: impact for clinical practice and research. 11th Canadian Autism Leadership Summit, Avril 2025, Ottawa, Canada. Lightning presentation and poster.
5. Rouhafzay G et **Jose C.** Early detection of Autism Spectrum Disorder Using Artificial Intelligence and Video Analysis. 11th Canadian Autism Leadership Summit, Avril 2025, Ottawa, Canada. Lightning presentation
6. **Jose C.** Auxygen: A video game to reduce stigma about autism. Évènement de lancement de ACCESS: Intelligent Community Forum (ICF) Institute Canada (Atlantic), Fredericton, N.-B. (2024). Oral Presentation. Invited speaker.
7. **Jose C.** Stimulation du nerf vague piloté par l'intelligence artificielle pour traiter la dépression. Conférence annuelle MedTech, Moncton, N.-B. (2024). Oral Presentation. Invited speaker
8. **Jose C.** and the CONNECT team. Subgrouping autistic adults by comorbidity profiles. Annual Conference of the International Society of Autism Research (INSAR). Melbourne, Australia (2024). Poster
9. **Jose C.** and the CONNECT team. Physical and Mental Health Diversity Within an Autistic Cohort. Atlantic Provinces Autism Conference, Fredericton, NB (2023) Invited speaker
10. **Jose C.** Getting away from tokenism : What Patient Engagement really is. Canadian Cancer Research Conference; Halifax, NS (2023) Invited speaker
11. **Jose C.** Identification of distinct health profiles in autism spectrum disorders. NB Research Annual Conference, Saint-John, NB (2023) Invited speaker
12. **Jose C.** and the CONNECT team. Clinical and molecular stratification of autism-associated comorbidities. International Society for Autism Research (INSAR) Annual Conference. Austin, Texas, US (2022)
13. **Jose C**, Tardif L and Amond McKenna. Autistic Adults and Accessibility Policies in New Brunswick. Invited presentation for the NB Accessibility Act Consultation Panel. Fredericton, NB (2021)
14. **Jose C** and the CONNECT team. Strategy for Research, Practice and Policy for Autism in later life. Atlantic Provinces Autism Conference. 2021, Fredericton, NB.
15. Bigonnesse, C., Dupuis-Blanchard, S., Maillet, D., Gould, O., Andrew, M. Légaré, F. & **Jose, C.** Social Frailty in Recently Relocated Semi-Independent Older Adults. Poster presentation at the Canadian Frailty Network Conference – 2019, Toronto, ON.
16. Dupuis-Blanchard, S., Bigonnesse, C., Gould, O., Andrew, M., Légaré, F., & **Jose, C** (2019, Oct.). Social Frailty in Recently Relocated Older Adults. Oral presentation at the Canadian Association on Gerontology Conference – 2019, Moncton, NB.
17. Dupuis-Blanchard, S., Bigonnesse, C., Gould, O., Maillet, D., Andrew, M. Légaré, F., & **Jose, C.** Exploring Social Frailty in Recently Relocated Semi-Independent Older Adults. Poster presentation at the New Brunswick Health Research Foundation Conference – 2019, Saint John, NB.

18. **Jose C**, George-Zwicker P and the CONNECT team. Unmatched Services Receipt and Needs for Family-Dependent Adults with Autism Spectrum Disorder. INSAR Annual Conference, 2019, Montreal, QC
19. **Jose C**, George-Zwicker P and the CONNECT team. A source of life-giving “autistic oxygen”: The CONNECT project and its lessons for future multistakeholder research on adult autism. INSAR Annual Conference, 2019, Montreal, QC
20. **Jose C**, George-Zwicker P and the CONNECT team. Innovative Dissemination of Research Findings by Autistic Adults. CASDA 2019 Leadership Summit, 2019, Ottawa, ON
21. **Jose C**, George-Zwicker P and the CONNECT team. Major health concerns for adults with autism in the Maritimes: Avenues of action for better results. NB-IRDT Knowledge Translation Workshop. 2018, Fredericton, NB.
22. **Jose C.** and George Zwicker P. The CONNECT Project: A Research on Health Status and Service Needs for and by Autistic Adults. Sommet SRAP des IRSC. Ottawa, ON. 2018. Invited speaker
23. **Jose C.** Jedis KT: May human strength be with you. Annual Conference of the New Brunswick Health Research Foundation. Fredericton, NB (2018) Invited speaker
24. **Jose C** and George Zwicker P. Autistics Leadership in Research. Diabetes Action Canada Annual Trainee Day. Halifax, NS. 2018. Invited speaker.
25. **Jose C.** Continuity of care and services for adults with autism. New Brunswick Department of Health Knowledge Transfer Day, Fredericton, NB. 2018. Invited speaker
26. **Jose C.** Collateral outputs of patient engagement in research: CONNECT example. Maritime SPOR Summit. 2017, Halifax, NS. Invited speaker
27. **Jose C**, George Zwicker P., Plourde J., Caissie I., Gaudet J., et al. The CONNECT. 4th Annual GovMaker Conference. 2017, Fredericton, NB.
28. Robichaud A., Belanger M., Poirier M., Cloutier F., Gaudet J. and **C. Jose**. Avoidance of the vaginal incision site for mesh placement in vaginal wall prolapse surgery: A prospective study, Annual Conference New Brunswick Health Research Foundation. 2017, Moncton, NB.
29. **Jose C.** Continuity of care and services for adults living on the autism spectrum. Autism New Brunswick AGM. Moncton, NB. 2017. Invited speaker
30. **Jose C.** Continuity of care and services for adults living on the autism spectrum. Autism Exhibition. Moncton, NB. 2017. Invited speaker
31. **Jose C.** Continuity of care and services for adults living on the autism spectrum. New Brunswick Public Policy Research Forum. Riverview, NB. 2016
32. **Jose C.** Towards a better integration of research results into care. Interdisciplinary Health Research Day (JRIIS). Université de Moncton. 2017
33. **Jose C.**, R. Rossignol. ‘Bioenergetics of cancer’, Conférence annuelle du Mitochondria, Apoptosis and Cancer (MAC), Singapour, 2011
34. **Jose C.**, R. Rossignol. ‘Choosing between glycolysis and mitochondria: a tumor’s dilemma’, Conférence annuelle du Mitochondrial Physiology (MIP), Bordeaux, 2011
35. **Jose C**, E. Hébert Chatelain, N. Bellance, G. Benard and R. Rossignol, 2010. ‘Mitochondrial metabolism as a target for anti-cancer therapeutics?’, Conférence annuelle du Mitochondrial Physiology (MIP), Obergurgl, Autriche. 2010
36. **Jose C**, N. Bellance, X. Capdevila, R. Rossignol and K. Nouette-Gaulain. 'Increased cytotoxic effect of local anesthetics on human cancer cells: importance of the bioenergetic signature of cancer', Annual Conference of the French Society of Anesthesia and Resuscitation (SFAR), Paris, France. 2010

37. **Jose C**, N. Bellance, G. Benard, S. Melser et R. Rossignol. 'Bioenergetics of tumors: role of sequential oncogenes activation in the determination of cancer cells metabolic profile', 16^e conférence de la European Bioenergetics (EBEC), Varsovia, Poland, 2010
38. **Jose C**, É. Hébert Chatelain and F. Dufresne, 2008. 'But what do northern daphnids have that others don't?' Annual Conference of the Association Francophone pour le Savoir (ACFAS), Canada. 2008. Lay audience Award
39. **Jose C**, É. Hébert Chatelain et F. Dufresne. 'Low flexibility of metabolic capacity in subarctic and temperate cytotypes of *Daphnia pulex*'. Conférence annuelle du Canadian Society of Zoology, Halifax, Canada. 2008
40. **Jose C**, É. Hébert Chatelain and F. Dufresne. 'Metabolism and polyploidy in *Daphnia pulex*'. Annual Conference of the Centre d'Etudes Nordiques, Quebec, Canada. 2008
41. **Jose C**, É. Hébert Chatelain and F. Dufresne, 2008. 'But what do northern daphnids have that others don't?' Annual symposium of the Université du Québec à Rimouski 'Biology in all its states', Canada. 2008

INNOVATIONS IN KNOWLEDGE MOBILIZATION

1. **CONNECT Pamphlet** for decision makers– **Jose C**. *I drafted a one-pager with the main highlights from the CONNECT study data, which I gave personally to Prime Minister Justin Trudeau and Federal Ministers Dominique LeBlanc and Ginette Petit-Pas-Taylor in March 2023.*
2. **CONNECT Video Game** – **Jose C**. *I am currently creating an interactive, bilingual video game that will be widely published on social media to playfully share the key findings of the CONNECT survey of adult autism in the Maritimes.*
<https://youtu.be/kefkHv38OiA>
3. **PE Tool Kit** – **Jose C**. *I have developed a bilingual set of complementary documents and practical guides to facilitate patient engagement in research projects. This toolkit is now available on the MSSU website and will be shared with Diabetes Action Canada and other provincial and national research groups.*
4. **Video "Behind the scenes"** - **Jose C**. Georges Zwicker P. and the CONNECT team. *This 5-minute video, bilingual and accessible to the hearing impaired, showcases the collaboration between CONNECT team members (researchers and adult autistics) during the recording of the CONNECT knowledge mobilization video. It was featured as a poster at INSAR's annual international conference in Montreal this year and will soon be disseminated through various organizations working with autistic adults in Canada and on the CONNECT webpage.*
5. **Autistic Artists Exhibition** – **Jose C**. Georges Zwicker P. and the CONNECT team. *I curated an art exhibition with works by autistic artists (on submission and selection by committee) that took place during the Adult Autism Summit in Shediac in 2017, to highlight the abilities and cultural participation of autistic adults in the community.*

MEDIA INTERVIEWS

- 1- [COVID-19: une étude menée à Moncton lève le voile sur les symptômes psychologiques \(acadienouvelle.com\)](#) – **Actualités, Acadie Nouvelle, March 2023**
- 2- [Une mère d'un adulte autiste lance un cri du cœur](#) - **Le Téléjournal Acadie, Radio Canada, November 2019**
- 3- [Fini la viande?](#) Nadia Campbell va prendre un café avec des personnes autistes - **Tournée Générale, Unis TV, March 2019**
- 4- [La réalité incomprise des adultes autistes](#) - **ICI Nouveau-Brunswick, Radio Canada, February 2019**
- 5- [Le projet CONNECT - Un projet vidéo pour des adultes autistes](#) - **L'heure de pointe - Acadie, Radio Canada, February 2019**
- 6- [Être autiste lorsqu'on est adulte](#) - **Le Téléjournal Acadie, Radio Canada, Février 2019**
- 7- ['It's really worrying': Summit looks at struggles faced by adults with autism](#). Web article. **CBC News-New Brunswick**. November, 2017.
- 8- Patient co-led autism project: a win-win partnership. MSSU Patient Engagement Webinar Series. Invited speaker. October 2017.
- 9- [Mieux intervenir auprès des personnes autistes: la GRC recherche une formation](#) – **Radio-Canada, January 2017**
- 10- ['It's really worrying': Summit looks at struggles faced by adults with autism](#) - **CBC New Brunswick, November 2017**
- 11- [L'autisme chez les adultes : « Il y a beaucoup de préjugés »](#) - **Radio-Canada, November 2017**
- 12- [Vivre avec l'autisme à l'âge adulte](#) - **Radio-Canada, Novembre 2017**
- 13- [Bulletin de Nouvelles](#) - **Radio-Canada, November 2017**
- 14- [L'équipe CONNECT à l'Expo 2017 sur l'autisme à Dieppe](#) - **Université de MONCTON, October 2017**
- 15- [Autism research led by autistics and their caregivers in the Maritimes](#) - **Press Release, September 2017**
- 16- [Le projet CONNECT est lancé](#) - **Université de MONCTON, Mai 2017**
- 17- [Autisme : espoir grâce à la recherche](#) - **L'heure de pointe – ACADIE, Radio-Canada, May 2017**
- 18- [N.B. research team makes video game to break down autism stigma](#) - **Times & Transcript** – April 4, 2025 – by Sarah Weiler
- 19- [A research group in the province is working on a video game that will help people better understand the varied experiences of adults living with autism](#) - **CBC Radio** – Show: **Shift** – NB with Vanessa Vander Valk – pre-taped Interview - April, 2, 2025 – 8 minutes
- 20- [La Création d'un jeu vidéo pour déconstruire les stéréotypes sur l'autisme](#) - **Radio Canada** – L'heure de pointe – Acadie – Amélie Gosselin – Interview live - April 2, 2025
- 21- [Changer le regard sur l'autisme grâce au jeu vidéo](#) - **Route 17** – FM 90.1 – by Sébastien Ladouceur – April 3, 2025
- 22- [Moncton, 1ère ville canadienne à hisser le drapeau de la fierté de la neurodiversité](#) -**Radio Canada** – **Telejournal Acadie** – April 12, 2025
- 23- [Une étude dont vous êtes le héros](#) - **Radio Canada** – **Récits numériques** – **Empreintes** – October 24, 2025

- 24- [Empreintes : Caroline Jose, une chercheuse atypique](#) - Radio Canada – OhDio – La matinale – October 24, 2025
- 25- [Quand des chercheurs neurodivergents s’en mêlent | Radio-Canada](#) - Radio Canada – INFO – Section Maladie – October 16, 2025
- 26- [Comment avancer sur les questions de l’autisme au Nouveau Brunswick – C médias](#) - C105 et C Médias– Nouvelles – October, 29 2025 – radio and web article