

# Bridging the gap between research and clinical care: expanding research opportunities for patients in Manitoba

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# Presenter Disclosure

- **Faculty/Speaker:** Brett Houston
- **Relationships with financial sponsors:**
  - **Grants/Research Support:** N/A
  - **Speakers Bureau/Honoraria:** Abbvie, Taiho, Pfizer
  - **Consulting Fees:** N/A
  - **Other:** N/A

# Mitigating Potential Bias

- Not applicable

# Equity Commitment

- In preparing for this presentation, I have considered the Health Equity Resource for Presenters provided by the conference planning committee.
- This was provided to help presenters reflect on how these topics and content can have good effects or bad effects on people or populations that are underserved.

# Learning Objectives

- Provide an update from the 2022 CancerCare Manitoba Research Day
- Describe the larger vision of efficiently integrating research into clinical care to improve outcomes for patients with cancer

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# 2022 CCMB Research Day Update

- Opportunity for trainees to showcase their work
  - Post-docs, graduate students, medical trainees, summer students
- 16 oral presentations
- 31 poster presentations
  
- First “in-person” research day since 2019!

# 1<sup>st</sup> place oral presentation (clinical)

- Dr. Dhasni Muthumuni
  - Psychiatry resident
- Supervisor: Dr. Sapna Oberoi
- Evaluated the feasibility and acceptability of a virtual 'coping with brain fog' intervention for young adults with cancer



# 1<sup>st</sup> place oral presentation (basic science)

- Dr. Jamie Zagozewski
  - Post-doc fellow in biochemistry and medical genetics
- Supervisor: Dr. Tamara Ogilvie
- OTX2 is a novel regulator of alternative splicing in group 3 medulloblastoma



# 1<sup>st</sup> place poster presentation (clinical)

- Dr. Chantal Tian
  - Hematology fellow
- Supervisor: Drs Emily Rimmer, Ryan Zarychanski and Don Houston
- 15-year population-based review of acquired hemophilia A in Manitoba

# 1<sup>st</sup> place poster presentation (basic science)

- Nicole Neudorf
  - Masters in biochemistry and medical genetics
- Supervisor: Dr. Kirk McManus
- Determining the impact reduced SKP2 expression has on chromosome stability in colonic epithelial cells



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# Opportunities for research at CCMB

- COVID-19 related resource constraints posed a barrier to the efficient conduct of research (globally)
- CCMB and CCMR is actively exploring ways we can increase research opportunities for our patients

# Opportunities for research at CCMB

- Leverage existing expertise to span from bench to bedside
- Prioritize patient engagement, advanced diagnostics, and clinical trials
- Use of innovative trial methods to improve efficiency and access
  - Patient engagement, methods of consent, incorporation of patient portals (Noona), registry based data capture

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Dr. Cedric Tremblay

Molecular mechanisms underlying blood disorders and the development of novel therapeutic strategies to improve outcomes for patients



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Dr. Joel Pearson

Molecular basis of cancer and why it occurs

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# Take Home Messages

- 2022 CCMB Research Day was a success
- We look forward to our next Research Day in Spring 2023
- Commitment at CCMB to leverage existing expertise and expand access to research