Jason Berman-Round 22

Developing an MLL-rearranged infant leukemia model for the screening of novel therapeutics and investigating the role of KMT2C in the rapid onset of infant leukemia using zebrafish

Funded in partnership with Phoebe Rose Rocks, Mélia's Memory and Coast-to-Coast Against Cancer Childhood Cancer Canada Foundation.

Publications

1. None to date

Abstracts and Conference Presentations

1. Pathology Department Research Day, Dalhousie University, Halifax, NS, June 2020 Poster: Uncovering the role of KMT2C mutations in the rapid onset of infant leukemia **Best Abstract Award**

2. 5th Canadian Cancer Research Conference, Shaw Conference Center, Ottawa, ON, CAN, November 3-5, 2019 Poster: Modeling MLL-rearranged infant leukemia for high throughput drug screening

3. 4th Zebrafish for Personalized Precision Medicine Conference, Zebrafish Center for Advanced Drug Discovery, St. Michael's Hospital, Toronto, CAN, September 2019 Poster: Modeling MLL-rearranged infant leukemia for high throughput drug screening

4. Zebrafish Disease Models Society 12th Annual Conference, Joseph B. Martin Conference Center at Harvard Medical Center, Boston, USA, July 2019 Poster: Modeling MLL-rearranged infant leukemia for high throughput drug screening

Invited Presentations (including Grand Rounds)

1. Something Fishy at the RI: The Berman Zebrafish Laboratory Relocates to CHEO. CHEO RI Board Meeting. Ottawa, ON.
2. Something Fishy is happening at CHEO: The versatility of the zebrafish to model childhood cancer and rare genetic disorders. CHEO Grand Rounds. Ottawa, ON.

Other Knowledge Translation Activities

(e.g., public presentations, public media, institutional media spotlights)

1. Fishing for Cures: Using the zebrafish to find new treatments for blood cancers. Leukemia Lymphoma Society of Canada National Webcast.