

IWMF-FUNDED RESEARCH: NEW 2020 GRANTS

Dr. Zachary Hunter, Dana-Farber Cancer Institute, Harvard University, Boston, Massachusetts, USA

Multomic analysis of DNA, RNA, and epigenomic networks for prognostication and novel target identification of WM

The Waldenstrom's Macroglobulinemia Foundation of Canada (WMFC) is pleased to provide funding to co-sponsor the research work of Dr. Zachary Hunter at the Dana-Farber Cancer Institute. Dr. Hunter's group will integrate many different molecular tests to look at WM in a more comprehensive way, using samples they have collected from 300 WM patients. Dr. Hunter has built powerful collaborations with some leading computer groups, which will use newly developed artificial intelligence methods to uncover how the molecular changes interact in networks, both within the WM cells and between WM cells and nearby normal cells. There are an increasing number of drugs in use for WM, and more on the way. Analysis of interactive molecular changes will hopefully aid in understanding differences among WM patients and how to use these differences to personalize the best treatment for each patient.

For more information: Dr Zachary Hunter gave a webinar to the IWMF on September 9, 2020.
