illuminatE
BRINGING LIGHT TO LOCAL MICROSCOPY TECHNOLOGIES

TOPIC OF THE MONTH

The Antibody Crisis: Leveraging machine learning for evidence-based antibody searches

INFORMATION SESSION FOLLOWED BY WINE, BEER & PIZZA

WHEN: Nov 21, 4:00-5:00PM   WHERE: GCRC, Room 530

REGISTER AT WWW.MCGILL.CA/ABIF TODAY!
The Advanced Bioimaging Facility (ABIF) presents special seminar:

**The Antibody Crisis: Leveraging machine learning for evidence-based antibody search**

The "reproducibility crisis" has generated much attention in the research community over the past years. While the issue is multifaceted at its core, rogue antibodies have been identified as one of the major culprits.

To ensure scientists can find antibodies that have been proven to work repeatedly by peers, we developed an open-access resource that uses a machine learning algorithm to screen the literature and identify which and how antibodies have been cited. The resulting peer-reviewed data are searchable by protein targets or product identifier, and are filterable by experimental contexts as cited in papers, including technique, tissue, cell line, to help users pinpoint antibodies that have been published under experimental conditions matching their study interest.

Freely accessible resource for McGill and affiliated scientists at [https://landing.benchsci.com/academic](https://landing.benchsci.com/academic)

**BenchSci: Get Started—it's Free**

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