OpenLabNotebooks.org - A growing team of ground-breaking scientists around the world, sharing their lab notes online

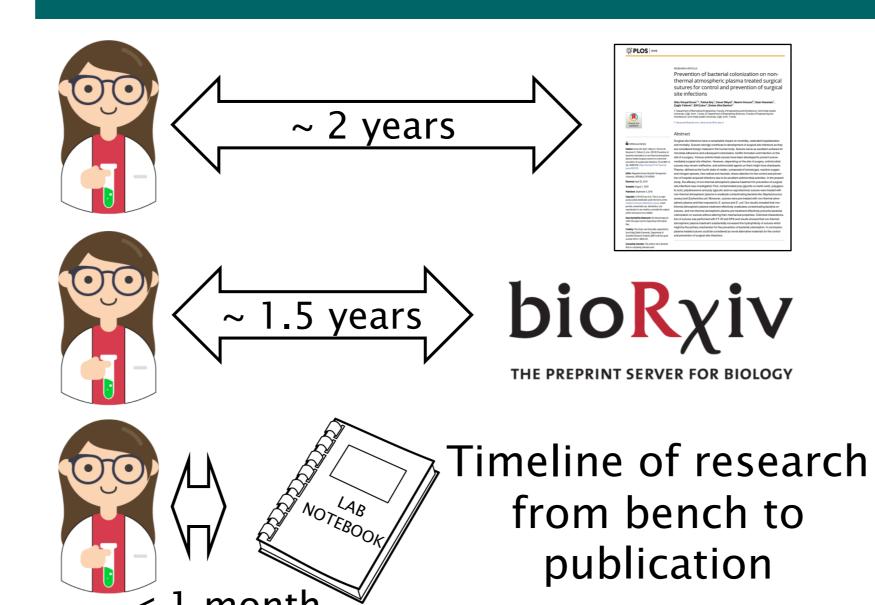
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Abstract

In a ground-breaking initiative, scientists around the world from SGC, UNC-Catalyst and MIVEGEC are sharing their laboratory notebooks live, online. We introduce our experiments at openlabnotebooks.org with links to experimental details at zenodo.org. We believe that making our research, data, and protocols available on a day-to-day basis will generate scientific ideas and discussions, avoid redundancy, foster collaborations, and accelerate progress. Our hope is that this initiative will inspire others to follow. Join us!

Why the need for Open Lab Notebooks?





Many funders are keen to support innovative open projects, such as open notebook initiatives

Open Lab Notebook Format



1. Experiments completed in lab

2. Materials, methods, data and analysis uploaded to https://zenodo.org in open notebook community



Openlabnotebooks.org

A growing team of ground-breaking scientists around the world are now sharing their lab notebooks online

3. Lay summary of experiment including discussion of context, aims and next steps plus links to Zenodo data upload



Benefits of Open Notebooks

Improve **career opportunities** i.e.
travelling, presenting,
funding, networking,
publishing...

Connect research to different **stakeholder groups** e.g. patient organizations, funders

Help find different collaborators with potential for interdisciplinary alliances

Potential for **mentorship** and feedback from senior researchers in field

Running an open notebook has many benefits to the researcher and the wider research community

Improve **project planning** and

milestone achievement
through regular written
reflection

Raise researcher profile through online **showcase** of research and skillset

Provide a **safety net** for being scooped by putting preliminary work in the public domain with a DOI

Hone writing and presentation skills for both scientific and general audiences

Success stories to date



Open notebook on Huntington's Disease (HD) research by Dr. Rachel Harding, SGC Toronto

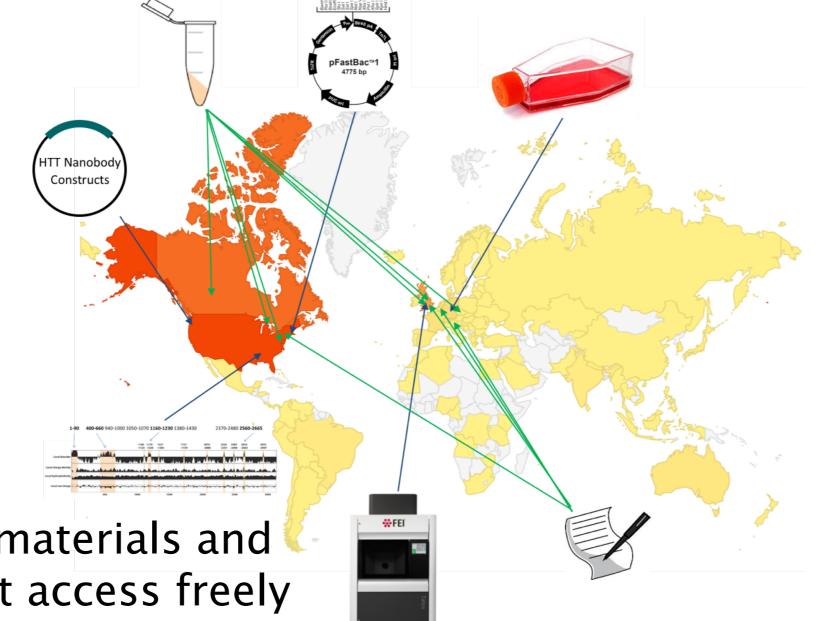


~875k CAD funding from CHDI and HD Societies of Canada and America





Datasets, materials and instrument access freely shared back and forth between international labs



• 4 open notebooks:

Roslin
Adamson

Elizabeth

meetings



Jong Fu Wong Ellie

brain cancers

Publicly accessible online board

Funding from Charles River,

OICR, Reaction Biology Corp.

Recording of M4K Pharma's Scientific Update Meeting – September 11th, 2018.

Listen to our scientists and collaborators discuss the latest progress in M4K

Pharma's quest for a medicine for DIPG- a deadly children's brain cancer.

Everyone is invited to dial-in and join the live meetings.

Open pharma company working on rare pediatric

To find out when our next meeting will be, follow us on twitter: @M4KPharma

Get involved

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@LabScribbles
@M4KPharma

Add your open notebook to our community: zenodo.org/communities/ openlabnotebooks

Get in touch and join us!



Funding Acknowledgement

Dr. Harding is the recipient of the Huntington's Disease Society of America Berman Topper Career Development Fellowship which funds and supports this research. Dr. Harding's research is also supported with generous funding from the Huntington Society of Canada and the CHDI Foundation. The SGC is a registered charity (number 1097737) that receives funds from AbbVie, Bayer Pharma AG, Boehringer Ingelheim, Canada Foundation for Innovation, Eshelman Institute for Innovation, Genome Canada through Ontario Genomics Institute [OGI-055], Innovative Medicines Initiative (EU/EFPIA) [ULTRA-DD grant no. 115766], Janssen, Merck KGaA, Darmstadt, Germany, MSD, Novartis Pharma AG, Ontario Ministry of Research, Innovation and Science (MRIS), Pfizer, São Paulo Research Foundation-FAPESP, Takeda, and Wellcome.