

U of A Core Research Facilities

The Faculty of Medicine & Dentistry's Core Research Facilities are highly specialized, state-of-the-art facilities available to anyone conducting research on a fee-per-use basis.

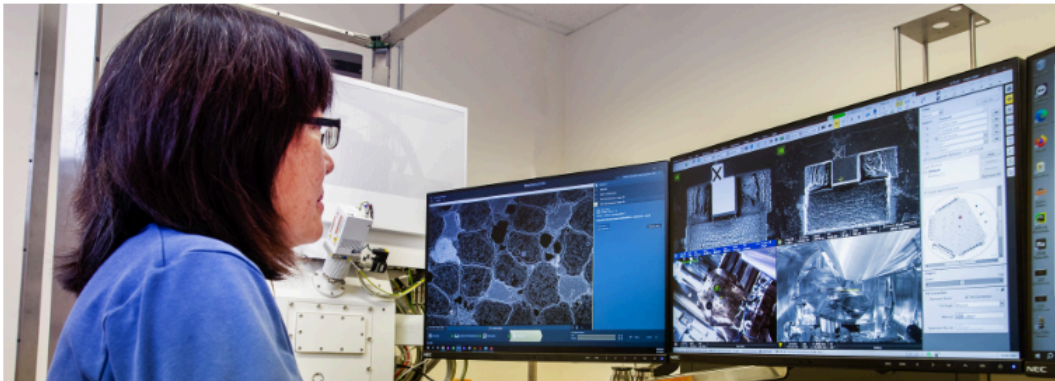
We wanted to increase awareness among researchers across Canada.

[I began by writing a story](#) which featured a client success story, which was published on the U of A website and promoted over social media and newsletters.

I wrote and designed an ad campaign that ran on Meta (screenshots below).

And finally, I wrote and designed a [new landing page](#) that clearly explains the facilities, lists benefits, and includes a client success story. See the [old landing page](#).

Core Research Facilities



World-class facilities and support for your research

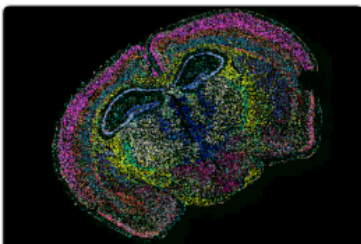
The Faculty of Medicine & Dentistry's Core Research Facilities provide access to state-of-the-art equipment for research, including next-generation sequencing, single-cell and spatial transcriptomics, light and electron microscopy, flow cytometry and more.

Each facility is staffed by highly-trained experts who provide hands-on training, troubleshooting and personalized consultations.

Feel confident and empowered in your research. Let our team help you make the most of your study by supporting you every step of the way.

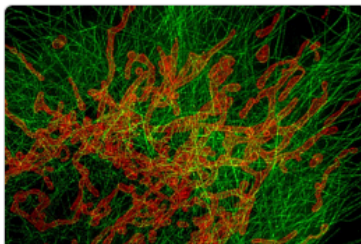
Our facilities are open to academic and private research teams anywhere in the world.

Explore our facilities



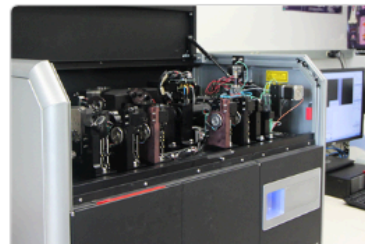
Advanced Cell Exploration Core

Unlock groundbreaking discoveries with integrated genomics, single-cell profiling and screening capabilities.



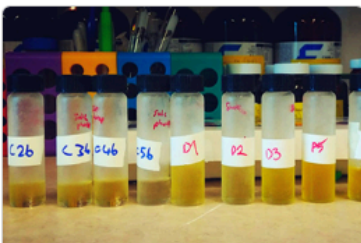
Cell Imaging Core

Illuminate your research with advanced imaging technologies to explore intricate biological processes.



Flow Cytometry Facility

ISAC-recognized facility offering imaging, spectral, and conventional cell analysis and sorting technologies.



Lipidomics Core

Lipid and other analytical services for precise insights into lipid biology, metabolism and more.



Transgenic Core Facility

Comprehensive services for generating and maintaining genetically modified mouse models.



Workshop

Supports researchers with multi-faceted fabrication and equipment repair

Success story

When researchers at the University of Calgary needed high-resolution images of rare immune cells, they turned to the Helios 5CX Focused Ion Beam Scanning Electron Microscope (FIB SEM) here at our facilities. The microscope is one of only two of its kind in Canada.

With the help of our expert staff, the team achieved a breakthrough in immune cell research, showing how a type of immune cell plays a key role in triggering immune responses in the lungs.

“Our goal is to make these resources as accessible as possible to researchers here at the U of A and across the country,” says Colleen Sunderland, Core Facilities manager.

Read: [U of A's Core Research Facilities power breakthrough immune cell study.](#)



The Helios 5CX Focused Ion Beam Scanning Electron Microscope

Connect with us

Ready to get started? Have questions? Contact Core Facilities manager Colleen Sunderland at colleen.sunderland@ualberta.ca to learn how we can help drive your research forward.

For U of A researchers

[Request a consultation](#)[Create a PPMS account](#)[Log into PPMS](#)

Ads ran on Meta:

Core Research Facilities

Access state-of-the-art lab
equipment and expertise for
your research.

Available across Canada.

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Access state-of-the-art lab
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Available across Canada.



Faculty of Medicine & Dentistry - University of Alberta

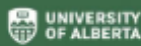
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The Faculty of Medicine & Dentistry's Core Research Facilities provide research teams access to state-of-the-art instruments, equipment and expertise.

We support medical research, as well as research from engineering, agriculture and the sciences.

Available from anywhere in Canada. Contact us to learn more.



Advanced help for your research

Access state-of-the-art lab equipment and expertise with our Core Research Facilities.

Available across Canada.

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