

www.proofcentre.ca

The Centre of Excellence for Prevention of Organ Failure (PROOF Centre) is a not-for-profit organization that develops high-value biomarker-based blood tests for heart, lung and kidney failure by harnessing the power of clinical, molecular and computational science.



PROOF

Centre of | Centre d'
EXCELLENCE

*Biomarker
solutions for
health care.*

*Biomarqueurs
– Solutions en soins
de santé.*

About the PROOF Centre

Imagine new healthcare tools that:

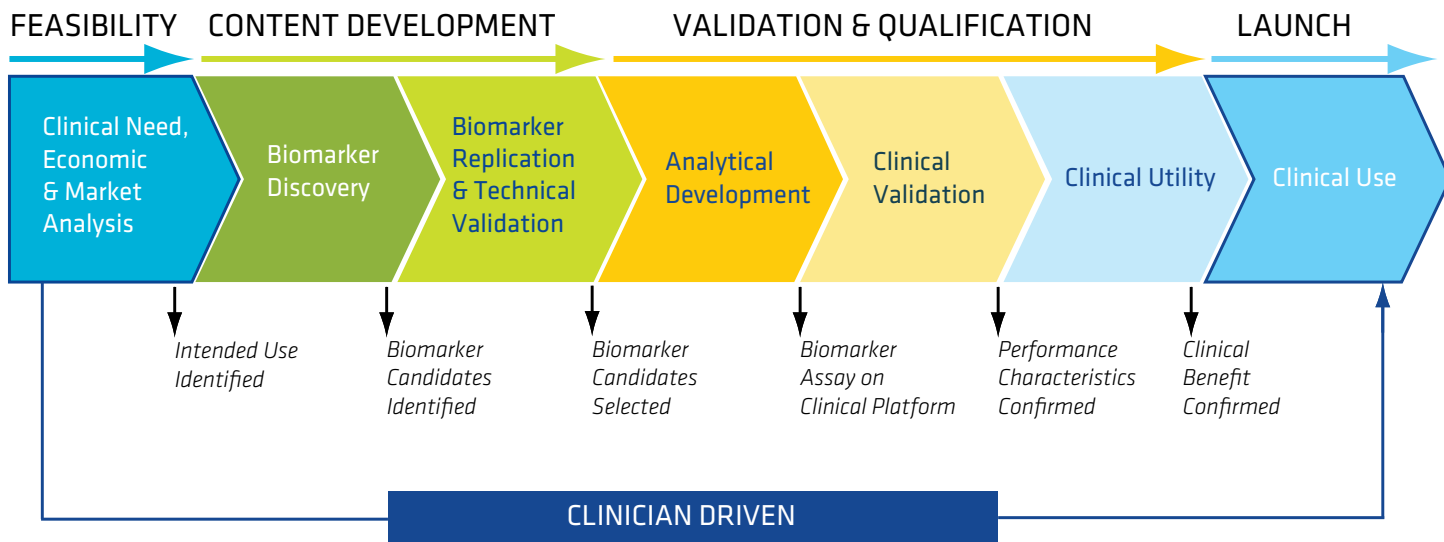
- Diagnose early disease
- Indicate how a patient will respond to treatment
- Are cost-effective
- Can be used by family practice and specialist physicians alike

Our mission at the Centre of Excellence for the Prevention of Organ Failure (PROOF Centre) is to produce a new generation of patient-specific biomarker-based blood tests to better guide care for heart, lung and kidney patients.

PROOF Centre's strengths are embedded in clinical knowledge, molecular science, data analytics, and the ability to bring together teams across sectors, from all perspectives necessary to mature and implement new blood tests. We develop clinically relevant diagnostic, prognostic and monitoring tests for physicians, and guidance tools, including companion diagnostics for the pharmaceutical industry.



FIGURE 1:
The PROOF Centre's
Biomarker Development Process



Each biomarker program begins with understanding patients and clinical needs. Blood tests are tailored to maximize patient benefit while reducing healthcare costs. Working at the interface between data, technologies, human biology and end-users, the PROOF Centre brings research findings into real-world practical use.

Our track record of success

Since our inception in 2008, we have developed blood test content for more than 15 indications in acute and chronic heart failure, chronic obstructive lung disease, chronic kidney disease, and heart and kidney transplantation.

Our biomarker development experience in the translational setting began 10 years ago with our *Biomarkers in Transplantation (BiT) program* (prior to the formal launch of the PROOF Centre). The BiT program has since served as a model for other PROOF Centre biomarker initiatives.

Our biomarker consulting services

We use our computationally-driven biomarker discovery and development process to provide services to organizations looking to augment their programs with molecular solutions.

Flexible partnering options

Can companion diagnostics improve your drug development pathway? Are you seeking patient cohorts for your external validation sets? We offer multiple points of collaboration to provide maximum flexibility:

1. Blood test development partnerships with diagnostic and pharmaceutical companies, private foundations, and healthcare organizations
2. In-licensing and out-licensing blood test content
3. Collaborative partnerships for application to competitive funding
4. Collaborative partnerships for philanthropic donations.

To learn more, contact

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