

NGen Project Pitch Day

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NGen Next Generation
Manufacturing Canada

ChipCare Corporation

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- About us/Company Summary:

- Founded in 2009, UofT spin-out, operational in 2011, 24 employees based at MaRS in Toronto
- Development of 2nd generation of our point-of-care IVD platform – multiplexed MDx, ImA and cell-based assays, single use plastic fluidic cartridges
- In-house assay, hardware, software and cartridge development capability, some rapid prototyping, licensed CL2 facility
- Have engaged with 2 external partners (Germany) for prototyping and pilot manufacturing of 1st gen cartridges, (US) for initial prototyping of 2nd gen
- Initial market focus is on STI's in US and Europe – enabling true 'test and treat' clinical protocols

GOAL: Develop rapidly expandable, modular, low cost, flexible molding & assembly prototyping and manufacturing base in Canada for advanced biomedical plastic components.

HOW: Collaboration.

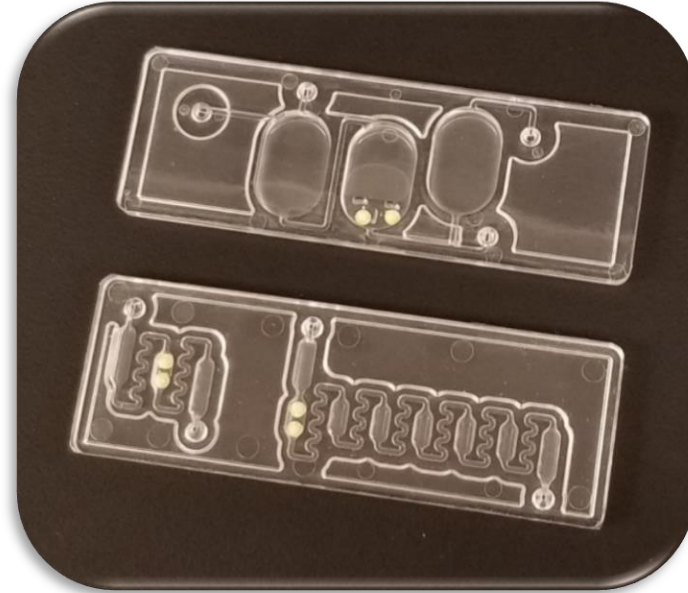
Develop methods for producing fast turn, low cost, reworkable precision tooling (additive, precision/laser machining, metrology).

Develop infrastructure, for low cost prototyping, scalable manufacturing and assembly (modular flex automation, bonding, injection molding, regulatory compliance)

OUTCOME: World class prototyping & manufacturing of biomedical components established in Canada. Employment and infrastructure to support Canadian innovation in growing Biotech sector. Faster product development and production ramp. Faster time to market, lower overall development costs. Innovators preserve cash runway to achieve scale.

- Partnerships we are seeking:
 - Biotech partners
 - Specialty tooling manufacturers
 - Additive manufacturing
 - Injection molding companies
 - Assembly automation
 - Academic partners (advanced manufacturing, materials)

INNOVATORS



THANK YOU