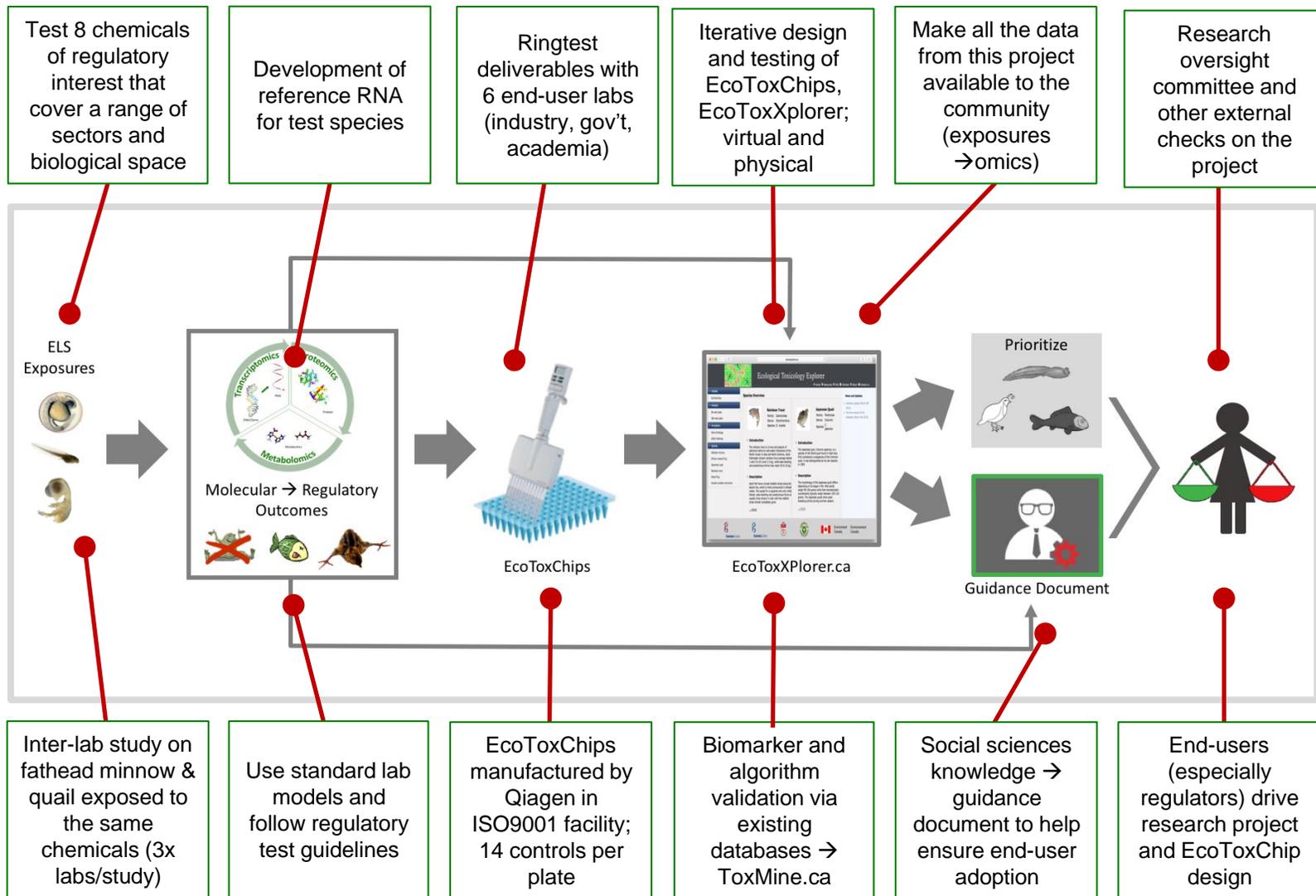




How do we validate the EcoToxChip?

BACKGROUND INFORMATION

In order for the EcoToxChip to be a trusted tool for ecological and chemical risk assessors and managers in government and industry, we need to prove that it works. As such, validation is a critical piece of our work and is strategically placed in a number of our activities. Here we offer a high-level overview.



TAKE AWAY

The EcoToxChip is designed to provide solutions to the needs identified by our end-user collaborators for tools that are available in a commercialized and accessible format, which are affordable, consistent, reliable, and capable of feeding directly into regulatory decision making = **VALIDATION IS KEY!**

References

- OECD Guidance Document on the Validation and International Acceptance of New or Updated Test Methods for Hazard Assessment
- Guidance for Industry – Bioanalytical Method Validation, US FDA
- Evolution of Translational Omics – Lessons Learned and the Path Forward, US Institutes of Medicine

Notes

Briefing note 6.2 was developed for the Genome Canada-funded project "EcoToxChip: A Toxicogenomics Tool for Chemical Prioritization and Environmental Management" www.ecotoxchip.ca / @ecotoxchip
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