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ACCEPTED MANUSCRIPT

Designing an intuitive web application for drug discovery scientists

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Graphical abstract

Highlights:

- Lean UX design helped our development team collaborate and empathize with users
- User research and problem definition enabled us to understand user needs
- Design workshops with users allowed us to come up with diverse designs
- Getting feedback from a few users early and often ensured an intuitive application
- Quantitative metrics supplement qualitative feedback in an iterative development process

Keywords: Lean user experience design; drug discovery; collaboration.

Teaser: We applied lean user experience design to develop collaboratively and iteratively the Open Targets Platform (www.targetvalidation.org), an intuitive application for bench scientists working in early drug discovery.

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