Introduction
Research projects in personalized medicine share a common design, and are therefore also facing very similar IT issues:
• An explosion of data
• Lack of integrated approaches for collection, management, and analysis of data
• Lack of tools and infrastructure to collaborate with external colleagues in a simple and secure manner

These issues have been addressed in the Translational Research IT (TraIT) project.

Workflow analysis and tool selection
When further detailing the translational research workflow we still see a common workflow across the disease areas supported by TraIT:

Promising tools like NBIA, OpenClinica, tranSMART, and many others were mapped onto this workflow. All candidate tools were carefully evaluated in an assessment phase with real data. Promising tools like NBIA, OpenClinica, tranSMART, and many others were mapped onto this workflow. All candidate tools were carefully evaluated in an assessment phase with real data.

The future of TraIT - Health-RI
• National infrastructure empowering personalized medicine & health research
• Connects biobanks, research facilities and data collections in UMCs, universities, institutes & industry
• On-line digital research environment connected to data resources across the Health-RI community
• Cross-technology: specialized technology networks involved
• Bundles local efforts in a collective governance structure

Participants
TraIT is a Dutch public/private partnership between >30 partners:
University Medical Centers, several other public institutions, charities, and companies:

An Integrated Translational Research IT Platform
www.trait-platform.org