

Databases, software tools and on-line services are essential resources in the daily work of most life scientists. The last new aspect to the portal is the involvement of resource providers in the content update of Expasy as a crucial step toward guaranteeing quality information. Among those, twelve key resources--the so-called SIB resources--receive specific support from the Institute and form the SIB Resource portfolio that ranges from specialised knowledge bases such as UniProtKB/Swiss-Prot (8) (part of the UniProt consortium), neXtProt (9), STRING (10) and Bgee (11), to online tools such as SWISS-MODEL (12) and SwissDrugDesign (13). Additionally, a networked organisation of resource descriptions was implemented, to broaden the scope of the initial search and explore the diversity of the SIB resources. It was redesigned several times and the penultimate version was released in 2011, when it became the 'ExPASy SIB Bioinformatics Resource Portal', a catalogue of bioinformatics resources (6). As detailed in (7) SIB Swiss Institute of Bioinformatics federates a Swiss bioinformatics community now close to 800 scientists. UCD combines User Research (UR), which addresses the question 'Who is the target audience?', with User Experience (UX), which addresses the question 'How does the user interact with the application?'.