SCiLS – We turn data into knowledge!

Statistical analysis of mass spectrometry imaging data has never been easier with the software from SCiLS. The SCiLS Lab product family supports all major Bruker instruments as well as the vendor-neutral imzML format.

SCiLS Lab

Deriving new insights

SCiLS Lab is your tool of choice for deriving new insights from mass spectrometry imaging data. Used in science and industry, the software sets new standards in analysis and visualization, simplifying everyday work and boosting your research.

Features

- Statistical analysis and visualization of mass spectrometry imaging data
- Compositions and analysis of data sets of virtually unlimited size
- Construction, visualization and analysis of three-dimensional models

SCiLS Cloud

Next Level Collaboration

Clinical and pharmaceutical research is a growing challenge for collaboration. Our web-based service SCiLS Cloud is able to tackle all related issues. SCiLS Cloud enables to upload and share data, results and insights. Give your partners access to different stages of the workflow. This way partners can work directly with data and images without the need for an own SCiLS Lab license or being on-site.

Features

- Secure access with a standard web browser
- Upload and share data, results and insights
- Allow partners or team members to annotate histologically stained images

www.scils-cloud.com
With SCiLS Lab the analysis of complex mass spectrometry imaging studies has never been easier.

**Product Family**

**SCiLS Lab**  
*Bruker instruments only*  
- The leading mass spectrometry imaging software  
- Powerful statistical analysis and advanced visualization

**SCiLS Lab MVS**  
*Multi-vendor software*  
- All features of SCiLS Lab including multi-vendor support  
- Support of several vendor’s proprietary data formats  
- Support of the vendor-neutral imzML format

**SCiLS Cloud**  
*Web-based distributed workflows*  
- Upload and share data, results and insights  
- Give partners access to different stages of the workflow

**Software Versions**

**SCiLS Lab Core**  
*Basic Visualization & Processing*  
- Perpetual software license  
- Data analysis restricted to one data set (40,000 spectra in case of imzML data)  
- **Essential computational and visualization methods**  
- **Spatial segmentation** for automatic annotation  
- **Co-localization analysis** for discovering correlated m/z-values

**SCiLS Lab Pro**  
*Advanced Processing & Analysis*  
- Annual subscription service  
- Data analysis of data sets of virtually unlimited size  
- **Advanced analysis methods**  
- **Comparative analysis** for uncovering discriminative m/z-markers  
- **Component analysis** for extraction of underlying trends  
- **Classification model calculation** based on training data and classification of new samples  
- Quantitation workflow enabling to quantify target molecules directly from tissue

**SCiLS Lab Premium 3D**  
*Full functionality incl. 3D analysis*  
- Annual subscription service  
- Construction, visualization and analysis of **three-dimensional models**