

Contact

quattro research GmbH

Am Klopferspitz 19a
82152 Planegg - Martinsried
Germany

Phone +49 (0)89 700763-16

Fax +49 (0)89 700763-60

info@quattro-research.com



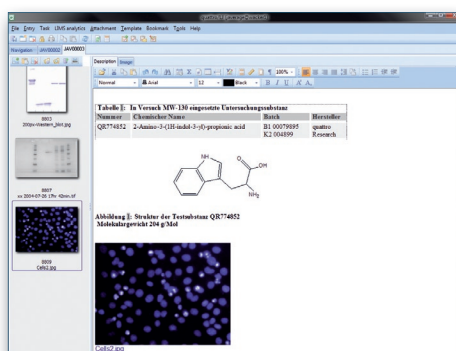
quattro/LJ - Electronic Laboratory Notebook

quattro/LJ is a powerful electronic lab notebook (ELN) solution designed for chemical and pharmaceutical research and development. It allows scientists to effortlessly document their experiments electronically, to efficiently share and archive data, and to secure patent protection.

quattro/LJ - Concept

Traditionally, experiments in chemical and pharmaceutical laboratories have been documented in paper lab journals. Once an experiment was concluded, the lab journal was signed by the responsible scientist and a witness.

quattro/LJ works analog to this approach. The scientist starts the documentation by creating a new experiment folder inside the ELN. Each task of the experiment is then documented in individual lab journal entries, which are directly attached to the core data in the respective folder. quattro/LJ functions like a standard text processing program, such as Microsoft Word®. Additional information can be added to each entry as attachments, such as Excel tables containing raw data, etc. Once an experimental task has been concluded, the entry is finalized, signed, and archived.



*Management of biological images
in quattro/LJ*

quattro/LJ – Advantages

- Easy-to-use
- Designed for scientists in all research areas (e.g. biology, chemistry, pharmacology, etc.)
- Minimal installation efforts; installation to the user computer is not required
- Flexible – adjustable to the real needs and working practices of scientists
- Supports any kind of data formats, either directly in the documentation or as attachments



Cooperation & Sharing of Information

- Extensive, rapid, and effective search capabilities within all quattro/LJ data e.g. full text, attachments, project, author, document creation date.
- Chemical structure and substructure searches
- Task module for planning, assigning, and monitoring of experiments

Integration & Interfaces

- Integration of chemistry databases, e.g. compound registration, substance logistics
- Interface to SAP, Microsoft Dynamics
- Interaction with LIMS-Systems
- Synchronization with enterprise-wide user administration, e.g. Active Directory, LDAP

Integrated Tools for Scientists

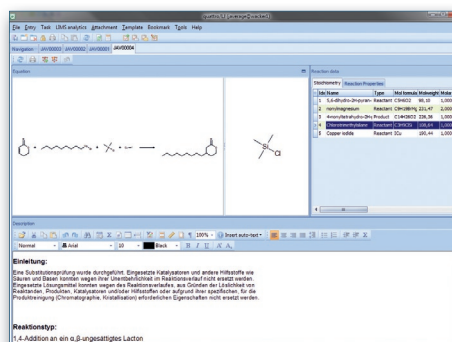
- Automatic stoichiometric calculations
- Managing of image data
- Analysis of biological screening experiments
- Connects to analytics, compound registration or substance logistics

Security

- Sophisticated security administration controlling access to documents and projects within quattro/LJ
- Flexible - adjustable to customer specific security requirements
- Monitoring of read and write access; audit trails
- Securing protection of US patents

System Requirements

- **Database Server:**
Microsoft Windows 2003, 2008;
Red Hat Enterprise Linux 5 or SUSE
Linux Enterprise Server 9, 10 with Oracle
Standard Edition One 10.2 or higher
- **Client:** Microsoft Windows XP or Vista



Reactions in quattro/LJ