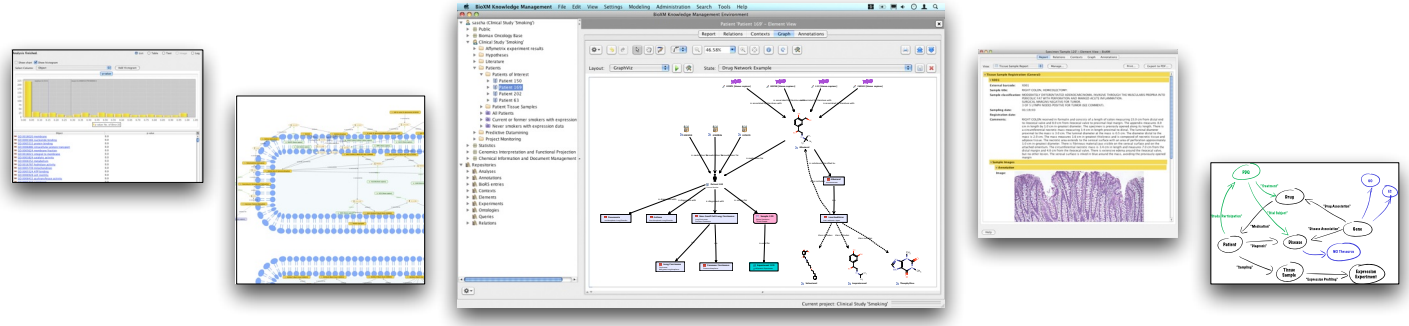
Semantic Data Integration ...made easy!



The BioXM™ Knowledge Management Environment is a fully customizable knowledge management solution for better integrated and knowledge-based drug discovery and development. This project-centered, distributed software platform provides a central inventory of information and knowledge. Users create, manage and visualize scientific models as an extendible network of interrelated concepts.

The BioXM platform facilitates communication and collaboration within research environments, allowing you to focus on science.

- **Keep repositories of scientific objects**, e.g. a corporate gene index, a patient register, a phenotype catalogue or a compound and drug database
- **Define rule sets** how your scientific objects interact with each other and associate evidences from public sources and from your own experiments
- **Organize, review, compare, annotate or modify** biological pathways originating from different sources
- Use BioXM as a **repository for high-throughput experimental results**
- **Classify biological function** using ontologies specific for your scientific area
- **Find hidden links between related biological processes** based on your experimental results
- **Connect clinical data**, study information and statistical analysis results **with molecular data** from early drug discovery
- **Identify biomarker candidates** based on automated literature analysis and compare the results with your experimental results in the same software platform
- **Keep track of ongoing projects** with one-click smart folders generating table reports or overview graphs of your projects key objects
- **Generate connectivity networks** based on a users selection of relationship types from multiple sources in just one step
- Use BioXM as an **easy-to-use graphical front end** for integration of statistical methods, such as R, BioConductor or other statistical packages

The BioXM™ Knowledge Management Environment

Agile solution building for life science enterprises

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