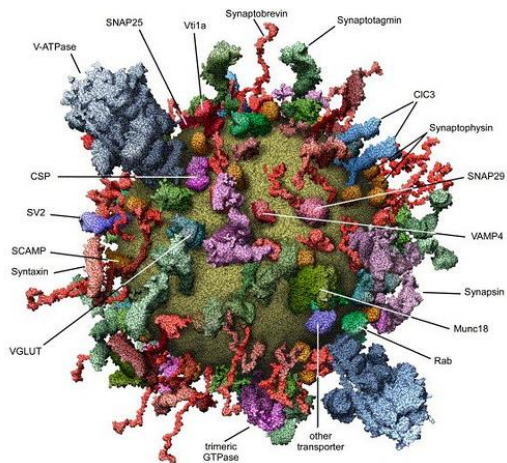


BIOMOLECULE TOOLKIT

Biomolecule Toolkit



API (Java and REST-ful) for

- Native HELM support (HELM, HELM2, xHELM)
- Standardization
- Centralized DB storage
- Registration of entities and batches with custom business logic
- Search by sequence/chemical structure/metadata
- Conversion to/from Mol/FASTA/HELM
- Property calculations

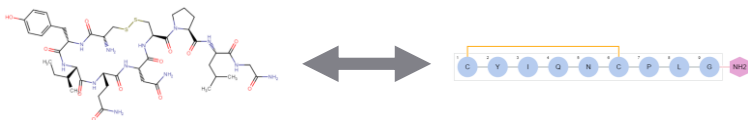
New in Biomolecule Toolkit

BioJava

Experimenting with BioJava for adding bioinformatics capabilities



Compatible with Java 8 and higher



Improvements in MOL2HELM conversion



Improved HELM2 support



Registration of non-structure entities
(Cell lines, viruses and other bio-assets)

In the pipeline

- Lot level handling
- Improved annotation handling
- Genealogy capture
- Application security (authentication, role-based authorization)



Goal: Establish Biologics registration solution on par with Compound Registration