

Data Curation

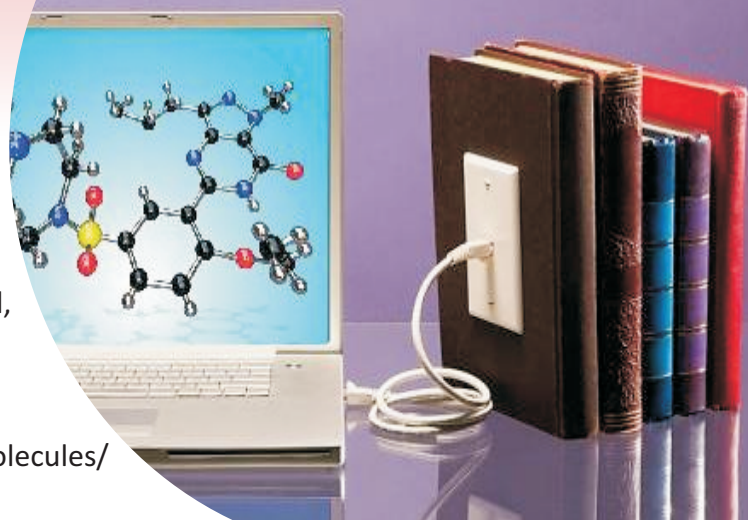
There's a lot of recognition now of the value of data as assets to institutions and to the scientific enterprise, more generally, saving only the publications that report the results of research simply isn't enough anymore. Researchers also need access to data that can be integrated and re-used in new ways. This is especially important in data-intensive science, where the power of discovery lies in applying computational approaches to large, aggregated data sets. Data curation emphasizes the lifecycle - managing and preserving data for the long term, and that process begins long before data are generated.

RASA expertise's in extraction of crucial information from scientific resources/articles and converting them into an electronic format suitable for database entry process. We provide these services for following discipline:

- A. Chemical
- B. Biological
- C. Preclinical and Clinical

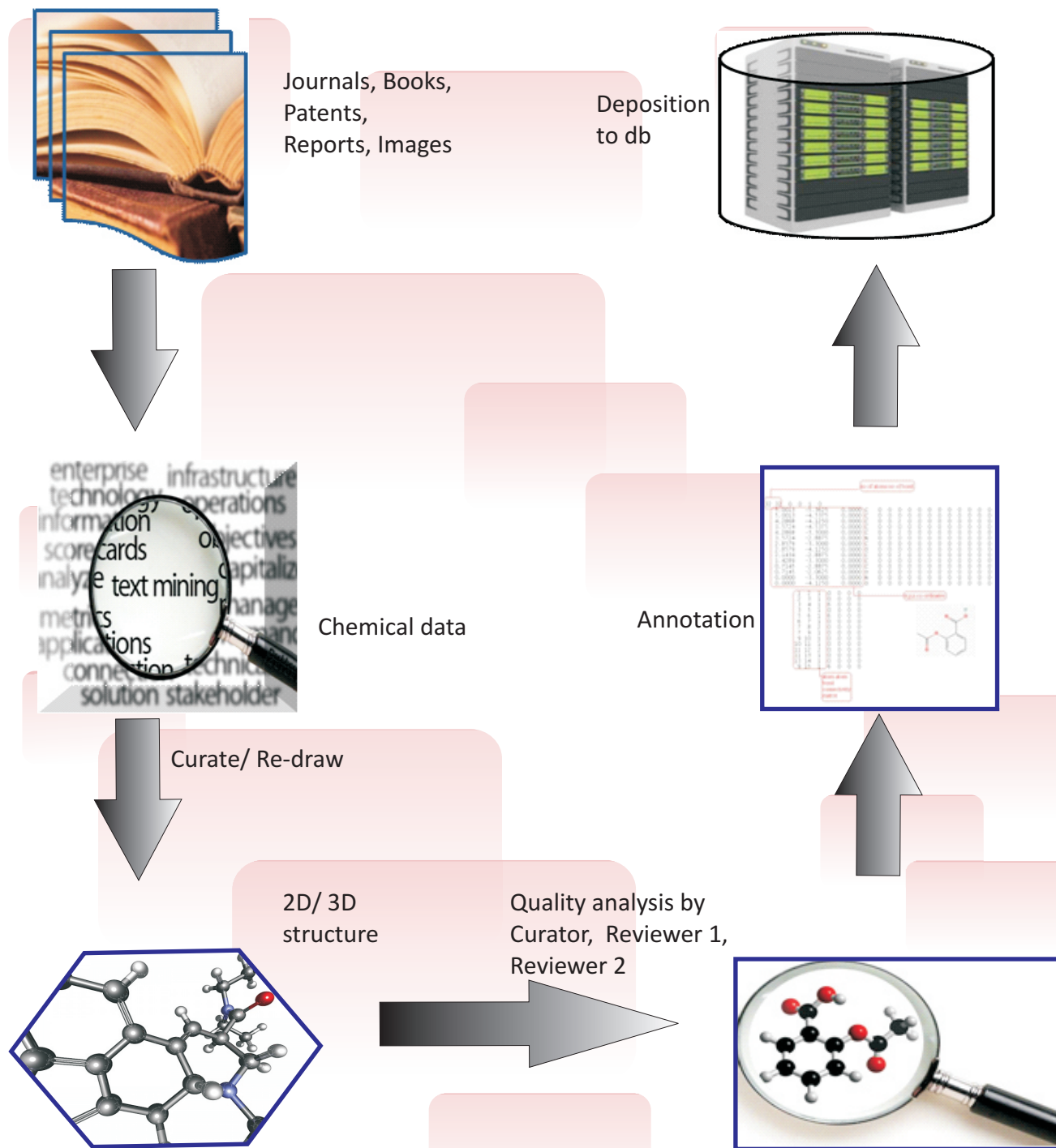
Input

- Journals, Books
- Patents
- Reports from Labs - Common Formats (Word, Excel, csv, pdf)
- Handwritten reports (Scanned Images)
- List with compound names
- Searching public domain databases for retrieving molecules/class of molecules (Data Provided by RASA)*



Output

- Chemical databank in SDF format.
- SDF file error analysis service
- Structure's SMILES, Mol and InChi code added if required
- Draw up a catalog including (Depending upon client requirement)
 - Chemical Annotation
 - Biological Annotation
 - Preclinical Annotation
 - Clinical Annotation



RASA 's USPs

- Huge repository of Journals, Books
- Result validation by references (wherever possible)
- Maintaining high curation quality by keeping optimum pace
- Quality analysis in 3 levels. Curator, Reviewer 1, Reviewer 2