

Informatics

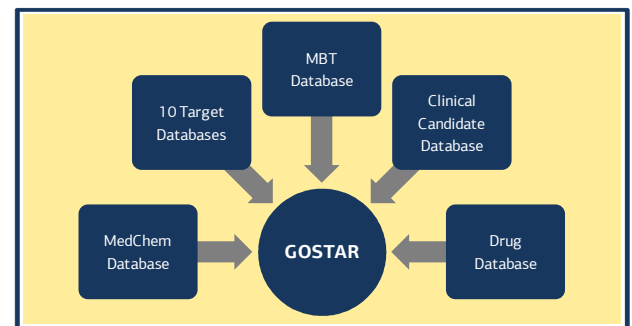
At GVK BIO, seamless integration of life sciences expertise with information technology enables our products and services accelerate your research.

Database Product Development

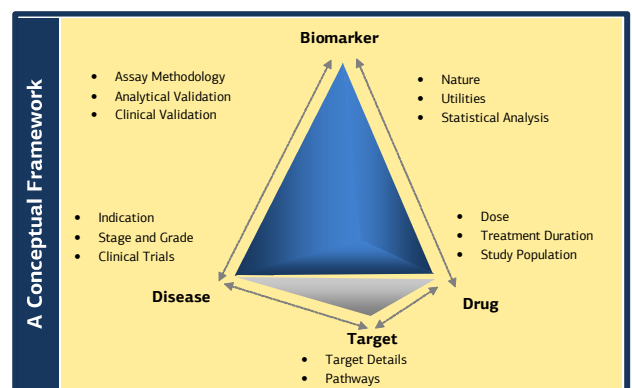
Informatics specializes in data curation from scientific literature and patents. Information from more than 125 journals and 40,000 odd relevant patents (generated by manual screening of over 1.8 million patents) has been curated into searchable databases.



GOSTAR (GVK BIO Online Structure Activity Relationship Database) is an online scientific database. It offers a secure browser based platform where a user can Query, Browse, Retrieve and Export data into various formats. Information provided includes SAR, ADME, toxicity, preclinical, clinical and structural data, for over 4 million compounds with over 13 million SAR points.

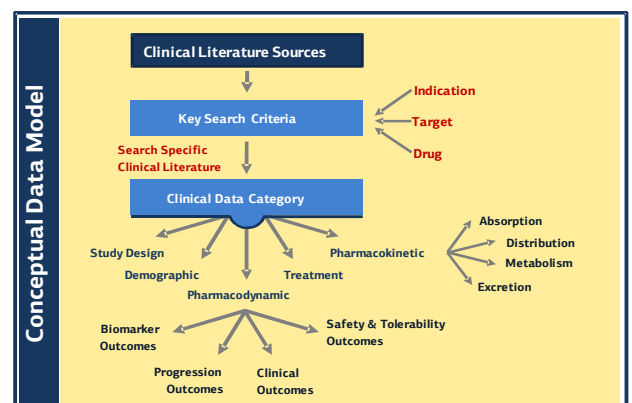


The database is a comprehensive collection of all the clinically evaluated, exploratory and preclinical markers associated with different therapeutic areas reported in global clinical trials, clinical and preclinical studies. GOBIOM has information on Biochemical, Genomic, Imaging and Metabolite markers with multiple data points covering experimental details, analytical and clinical qualifications.



GVK BIO-QS Clinical Trial Outcome Databases

The databases capture summary level data for the clinical safety and efficacy outcomes from publicly available data sources that may be informative in understanding the study outcome from a modeling perspective. These databases are designed to assist companies conduct comparative efficacy and safety analysis, link/scale biomarkers to clinical outcomes, predict/improve trial outcome, and develop product differentiation strategies.



Services

Our services in Bio/Chemo-informatics, Structural Biology, BioIT and Patent Research are tailor made to suit customer requirements. Our value added services across the drug discovery chain, from discovery to development have been widely used by major pharmaceutical companies to boost their R&D efforts.

Cheminformatics

Services include Molecular Modeling Studies, Lead Generation, Lead Optimization, Pharmacophore Analysis and QSAR, Virtual Screening, ADME and Toxicological Property Prediction and Crystal Structure Prediction.

Bioinformatics

Services include DNA and Protein Sequence Analysis, Protein Structure Analysis, Homology Modeling and Visualization Tools.

Structural Biology

Structure determination services, critical analysis of protein structures, protein-drug interactions and protein-protein interactions.

Clinical Pharmacology Custom Services

Data customization services provide information necessary for meta-analyses based modeling & simulation activities enabling key decision making. The designed data architecture is to capture summary level data for clinical safety and efficacy outcomes from publicly available data sources.

Custom Curation and Indexing

Data-mining services and annotation of chemical, biological, pharmacological and toxicity information from patents, journals and web resources. Information is curated in custom-designed formats to meet specific client requirements. We also provide semantic indexing of scientific literature using automated/semi-automated/manual ways with high accuracy and precision.

Bio-IT

Bio-IT enables scientists to transform information to knowledge using science and information technology, for accelerating research in life sciences R&D. We offer services in the following areas:

GVK BIO	Target Id. & Validation	Discovery & Screening	Lead Identification & Optimization	Pre Clinical	IND Clinical Trials	Process Research & Custom Synthesis	NDA Drug Marketing
Application Management	✓	✓	✓	✓	✓	✓	✓
Outsourced Product Development	✓	✓	✓	✓		✓	
Application Integration	✓	✓	✓	✓	✓	✓	✓
Information & Process Management	✓	✓	✓	✓	✓	✓	
Formal Testing			✓	✓		✓	
Scientific Process Outsourcing	✓	✓	✓	✓	✓		

Patent Research Services

We provide quality service in the IP and market analytics sectors, consequently serving to effectively bridge science, business and law. We offer comprehensive market intelligence in Pharmaceuticals, Chemistry and Biotechnology verticals driven by your work flow processes.

About GVK BIO

GVK Biosciences (GVK BIO) is Asia's leading Discovery Research and Development organization. GVK BIO provides a broad spectrum of services, stand-alone and integrated, across the R&D value chain.

Services

- Chemistry Services
- Process R&D and Custom Synthesis
- Biology
- Informatics
- Clinical Research
- Clinical Pharmacology

Contact: bdinf@gvkbio.com

Visit: www.gvkbio.com