

Bioinformatics Consultancy Services

1). Consultancy Services

Service Domains: Humans, Animals, Plants, Microbes, and Meta-organisms

Biochemical and Molecular Biology Services

1. DNA, RNA, Protein Isolation
2. DNA, RNA, Protein Characterization
3. DNA Fingerprinting Techniques
4. Cloning and Expression
5. HPLC
6. Primer Design
7. Oligonucleotide Biosynthesis
8. TLC
9. Column Chromatography
10. Identification and characterization of microbial cultures
11. Plant Tissue culture
12. Phytochemical Extraction and characterization

Bioinformatics services

- **Next Generation Sequencing and Data Analysis**
(DNA-Seq, RNA-Seq, ChIP-Seq, Exome-Seq, Denovo-Seq, GBS, RAD-Seq)
- **Microarray and Data Analysis**
(Affymetrix, Agilent, Illumina)
- **Drug Discovery**
Disease Identification, Protein/ Gene Selection, Homology Molecular modeling, Protein-protein interactions, Protein Docking, Pharmacophore Analysis, Pharmacokinetic Analysis, Medicinal chemistry, SAR and QSAR Analysis, Pathway Prediction, Clustering Analysis
- **Systems Biology**
Metabolic network reconstruction, protein-pathway construction, enzyme activity study, Drug Metabolic pathway identification and reconstruction.
- **Bioinformatics Analysis**
Sequence Alignment, Pair-wise sequence alignment, Multiple-sequence analysis, Phylogenetic analysis, Genome Annotation, Genome Enrichment Analysis, Gene Structure Prediction, Protein Structure Prediction,
- **Data Analytical tools for DNA Fingerprinting**
- **Biostatistical Analysis**
Clinical Data Analysis,
Biological data analysis
- **Biological Image Processing,**
- **Bioprogramming Services**
Biological database Development,
Biological Tools Development
Algorithms Development
Pipeline Design for Genomic Sequencing Data Analysis
Website template Design

- Biological Science Logo and Template design
- **Biological Data Retrival**

***If your organization requires signing of a confidentiality agreement, please contact us by [email](#)**

Bioinformatics@REVA, staff has highly experienced bioinformaticians, biotechnologist, biochemist, genetics scientists in omics studies, can provide a wide range of bioinformatics services for the analysis and interpretation of data generated by state-of-the art genomic, proteomics and metabolomics technologies. Using our experience in the computational sciences and knowledge of these powerful technologies, we can provide our customers unparalleled services for the analysis of genomics, proteomics and metabolomics data. Any bioinformatics analysis requirement, please feel free to contact us for all the detailed information!

Contact Details

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2). Research Services

- Contract Based Research
- Collaborative Based Research
- Support to PhD

Bioinformatics@REVA is offering contract based research that provides support to Pharmaceutical, and biotechnology industries in the form of research services outsourced on a contract basis. We support services in molecular biology, genomics, proteomics, drug discovery and biostatistical analysis. We provide services to research institutions on contract basis, and universities, in addition to government and private organizations.

Our core services

1. Phytochemical extraction and characterization
2. Epigenetic analysis
3. Computational drug discovery
4. Microarray Data Analysis
5. Genomic Analysis of sequences using NGS based methods

Service Areas

Human Diseases

Plant Diseases

Plant physiology

Microbial classification from various resources

For research support, collaborations for contract research, research lab facilities please email to prashantha.cn@reva.edu.in

3) Training Programs

Certificate Programs on

- Computational Drug Discovery
- Next Generation Sequencing Data Analysis (RNA-Seq, ChIP-Seq, Exome-Seq, Denovo-seq)

- Microarray Data Analysis
- R Programming of Genomic Data
- Python Programming

The workshops and training programs can be held on-site at the client's location or online one to one.

If you want to conduct a Seminar or Workshop or short-term Training in Bioinformatics, Bio-IT, Next Generation Sequencing, Genomics, etc. at your College/ University/ Conference then feel free to write to us at prashantha.cn@reva.edu.in