



ReloGene

ReloGene Bioinformatics Private Limited

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Harmonizing Biological Insights :
Unveiling Patterns & Enabling
Discoveries



ReloGene

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ReloGene



Welcome to ***ReloGene***, where we are dedicated to advancing the frontiers of bioinformatics through cutting-edge research, innovative solutions, and unwavering commitment to scientific excellence.

We understand the profound impact that bioinformatics can have on shaping the future of healthcare, agriculture, and environment sustainability.



We are thrilled to embark on this journey with you as we explore the vast possibilities that lie at the intersection of biology, data science , and technology.





ReloGene

Vision

We see a world where our pioneering solutions facilitate transformative discoveries, where researchers leverage the full potential of genomic data to address pressing challenges in healthcare, agriculture, and beyond. With our visionary approach and dedication to excellence, we aspire to be at the forefront of this revolution, driving innovation and advancing human knowledge for generations to come



Mission

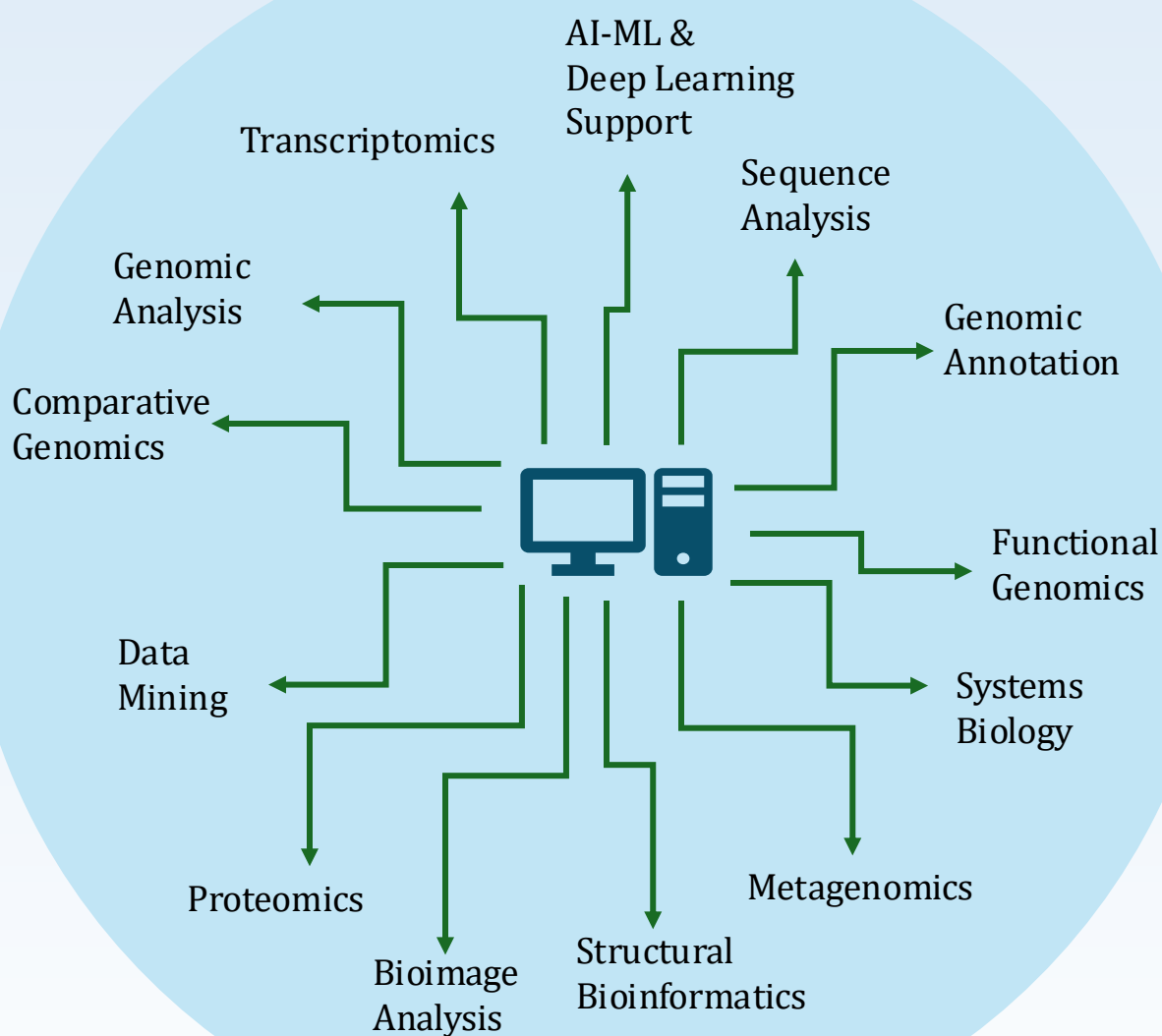
To lead the way in bioinformatics by providing innovative solutions that propel scientific research forward. We are committed to harnessing the power of computational methods to analyze data effectively, integrating diverse techniques to enhance analyses, and delivering customized bioanalytical assessments. Through out tailored services, we aim to empower researchers to unravel the complexities of biology and drive groundbreaking discoveries





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Our Services





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Our Services



Genomic Data Analysis

From raw FASTQ to biological insight—we provide end-to-end Whole Genome Sequencing (WGS) solutions including alignment, variant calling, annotation, and interpretation. Whether you're identifying SNPs, structural variants, or CNVs, our pipelines are optimized for speed, accuracy, and reproducibility.



Transcriptomics Analysis

We specialize in bulk RNA-Seq, single-cell RNA-Seq, and spatial transcriptomics to unravel gene expression dynamics across populations, tissues, or single cells. Our advanced workflows help uncover differential expression, pathway activity, and spatial gene expression landscapes with publication-ready visuals and analytics.

Multi-Omics Integration

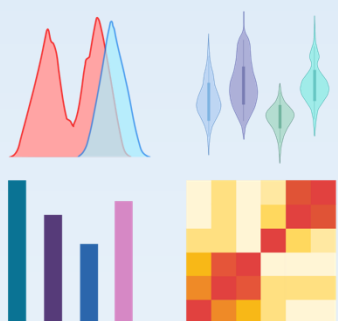
Biology is multi-dimensional—so is our analysis. We integrate genomics, transcriptomics, epigenomics, proteomics, and metabolomics to construct unified models of complex biological systems. From regulatory network inference to biomarker discovery, our multi-omics solutions are designed for systems-level insight.





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Our Services

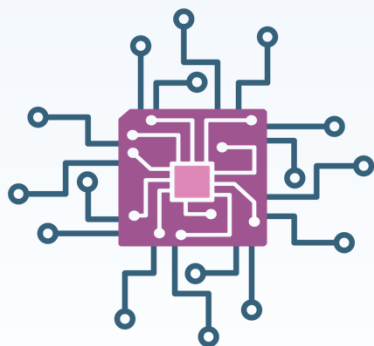
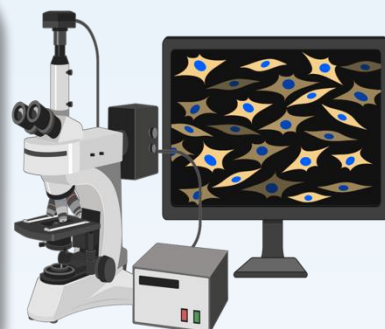


High-Dimensional Statistical Analysis

We excel at making sense of high-dimensional biological datasets using cutting-edge statistical techniques—PCA, t-SNE, UMAP, clustering, and Bayesian models—to extract signal from noise. Our team ensures rigorous data exploration, hypothesis testing, and interpretation for robust scientific conclusions.

Bioimage Analysis

We transform complex microscopy images into meaningful data through qualitative and quantitative image analysis. Our services span 2D/3D segmentation, morphometric measurements, co-localization, object tracking, and machine learning-driven image annotation for fluorescence, EM, and FIB-SEM data.



AI-ML Expertise & Infrastructure

With custom deep learning models and classical machine learning algorithms, we enable predictive biology—from image classification to phenotype prediction. Our infrastructure includes GPU-accelerated computing, scalable cloud-based workflows, and model deployment capabilities for real-time data-driven decisions.



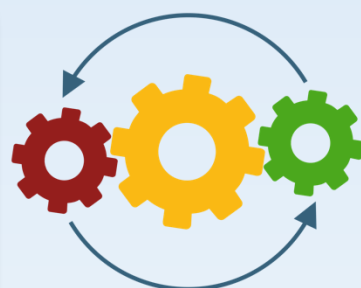
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Our Services



Custom Pipeline Development

We don't force your data through cookie-cutter pipelines. We build tailored bioinformatics workflows—in R, Python, Nextflow, or Snakemake—that align with your experimental design, analysis needs, and computational environment. Modular, reproducible, and fully documented.



Technical Report Writing

We convert complex analyses into clear, concise, and publication-ready reports. From graphical abstracts to supplementary data files, we deliver comprehensive documentation with scientific rigor—suitable for journal submission, grant reporting, or boardroom presentation.

Training & Consultation

Whether you're looking to upskill or optimize your research strategy, we offer personalized training and expert consultations in genomics, transcriptomics, image analysis, and AI/ML. Workshops, 1-on-1 sessions, or project-based mentoring—we meet you where you are.





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Data Protection



*“ At ReloGene, we prioritize the confidentiality and integrity of your data, adhering to stringent data protection and privacy measures as per the **DPDPA Act (2023)** and **IT Act (2000)**. We uphold strict confidentiality standards, ensuring that all information exchanged remains confidential and is not disclosed to any third party without prior written consent. To maintain data confidentiality, we only accept data through secure channels, eliminating the risk of data leak. Upon Service completion, provided data is securely stored in our database for ninety (90) days, with permanent erasure thereafter unless otherwise agreed upon in writing. Additionally, data is strictly prohibited from disclosure or utilization for training purposes without explicit permission from both parties. Rest assured, at ReloGene, we are committed to safeguarding your valuable information throughout our partnership. ”*



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Contact Us



For more queries on services and training,
contact us at:

Email : info@relogene.com

Contact : (+91) 99993 84440; (+91) 99883 59359

Our Website: www.relogene.com

Regd. Office:

Flat No. 181, Tower 11, Sector 16C, Palm Olympia, Ghaziabad,
Uttar Pradesh – 201009



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