

Bringing Precision to *Life!*



Jeeva Informatics Solutions (Jeeva) is a premier healthcare and life sciences informatics company with the vision to democratize precision medicine with solutions in OMICS, translational research, and digital health technologies.

Jeeva is unique among small businesses in its dedicated and specialized focus on precision medicine for healthcare and life science clients. Led by accomplished senior scientists, Jeeva provides consulting around BioHealth IT and Data strategy as well as full execution support of end to end solutions for federal, academic and industry customers in healthcare and life sciences. Jeeva was founded to solve the data deluge problems facing healthcare and life science stakeholders as the cost of producing data is going down exponentially shifting the focus towards analyzing and interpreting data. applying industry best practices.

Jeeva's core strengths lie in strategic research and development programs from concept to full implementation including laboratory data generation and Bioinformatics analysis of BigData. This includes next-generation sequencing (NGS) and other high-throughput molecular biology and biochemical platforms.

Founded on successful delivery of multidisciplinary projects at the National Institutes of Health (NIH) and Food and Drug Administration (FDA), as well as projects for various non-profit institutions and companies, Jeeva currently provides bioinformatics and data analysis services to multiple biomedical research institutions including Morehouse School of Medicine, Catholic Health Initiatives and the state of Maryland.

Jeeva provides services to healthcare and life science customers across the public, for-profit companies, non-profit institutions, and biomedical research institutions that include;

- **BioHealth IT and Data Strategy Consulting**
- **Community Precision Medicine Solutions**
- **OMICS Data Generation, Processing, and Analysis**
- **Scientific, Bioinformatics and Health IT Applications Development**

Case Study #1 – NIH NCI caBIG

Jeeva's Founder and President Dr. Harsha Rajasimha served on the NCI/NIH's caBIG program which developed a core framework and 27 application modules that integrate with caGrid and datawarehouse. He led the development and integration of several modules of cancer biomedical research data integration standards, controlled vocabularies and data exchange methods for the 60+ NCI designated cancer centers across the United States to share data and analytical tools.

Case Study #2 – NIH NEI

For the neurobiology, neurodegeneration and repair laboratory at the National Eye Institute, NIH, Dr. Rajasimha served as a computational biologist, Bio-informaticist, data architect and manager for three years. One of the datasets involved 73 microarray chips datasets of gene expression from photoreceptor cells of the mice retinas at different ages. This dataset has been analyzed using multiple methods and became a reference database of gene expression signatures for the laboratory.