

Stanford



Ramesh Nair

Director of Bioinformatics, SCGPM, Genetics

Bio

BIO

Ramesh, the Director of Bioinformatics at the Stanford Center for Genomics and Personalized Medicine (SCGPM), heads up the Bioinformatics-as-a-Service (BaaS) resource for the Genetics Bioinformatics Service Center (GBSC) and is the bioinformatician-in-residence for the CIRM-initiated Center of Excellence in Stem Cell Genomics (CESCG). He is responsible for diverse bioinformatics needs for the Center Initiated Projects and its extensive Collaborative Research Project network. He is a co-organizer of Stanford's Bioinformatics for the Microbiome Symposium. Prior to joining SCGPM, Ramesh was a Bioinformatics Analyst at the Center for Cancer Systems Biology (CCSB) where, among other things, he was the sole developer of next-generation sequencing (NGS) pipelines for genome sequencing (WES) applied to follicular lymphoma and transcriptome sequencing (RNA-Seq) applied to the lung tumor microenvironment. Prior to joining Stanford, he was a Senior Scientist in Bioinformatics at various Biotech firms in the Bay Area, including Cobalt Biofuels, Iconix BioSciences (now Entelos), and Lynx Therapeutics (later Solexa now Illumina). After his doctoral work at Northwestern, he spent several years as a metabolic pathway engineer at the BioProcess Development Center (BPDC) at DuPont's Central Research and Development (CR&D).

CURRENT ROLE AT STANFORD

Director, Bioinformatics

Stanford Center for Genomics and Personalized Medicine (SCGPM)

Bioinformatics-as-a-Service (BaaS)

Genetics Bioinformatics Service Center (GBSC)

Diabetes Genomics Analysis Core (DGAC)

Stanford University School of Medicine

EDUCATION AND CERTIFICATIONS

- Ph.D., Northwestern University , Chemical & Biological Engineering (1995)
- M.S., San Jose State University , Software Engineering (2005)
- M.Tech., Indian Institute of Technology, Delhi , Biochemical Engineering & Biotechnology (1986)
- B.Tech., Indian Institute of Technology, Madras , Chemical Engineering (1984)