



Expert Bioinformatics



Dr. Karl-Heinz Ott, *Scientific Consultant*

Experienced Bioinformatician synthesizes knowledge from experiments, big data mining, computation and experience

Innovative bioinformatics to address unmet medical needs

Combines vision, diligence, and pragmatism to reduce disruptive innovations to practice. Communicates openly in cross-functional matrixed teams and across all organizational levels.

Solutions

Quickly identify needs and their solutions

Deliver reliable, high quality bioinformatics from basic data handling to most sophisticated mining & visualization.

Implement efficient computational and experimental pipelines to get a job done

Help wet-labs improve processes, quality and turn-around

Provide preclinical and clinical statistics support

Manage projects, studies, collaborations and resources

Deliver toward goals and ensure knowledge transfer

Respond quickly and allow maximal flexibility

Understand biopharma discovery & development

Combine in-depth technology expertise with therapeutic area knowledge

About

Karl-Heinz Ott contributed quality bioinformatics to Biopharma for about 20 years before he specialized in scientific consulting and business development serving many Biotech and Medtech customers.

His track record includes advancing drugs, biologics and biomarkers from early discovery to Phase II.

Karl-Heinz earned himself strategic leadership positions in teams, departments and businesses driving business critical programs and decisions.

He strategically transformed and diligently managed a large, multi-year alliance portfolio building strong collaborative relationships to create a highly effective and impactful platform for new generations of genetic models.

His innovative get-it-done mindset is reflected in valuable patents and highly rated publications that extend methods and demonstrate applications in bioinformatics, metabolomics, -omics profiling, statistical methods, artificial intelligence, structural biology, computational chemistry.

Karl-Heinz implemented, improved and integrated knowledge mining with experimental and computational methods to generate decision critical information that led to new therapeutics, and achieved results where others had given up.

Metarrest, a publically funded biotech that was co-created and led by Karl-Heinz achieved POC for a nanoparticle immun-oncology therapeutic. He advised Diagnostics and Medtech companies.

Specialties

Translational Medicine

Systems Biology

Biomarkers

Scientific Consulting

Bioinformatics

Business Development

Due diligence

Oncology Immunology

Immunoncology

Neuroscience, Met/CV

Rare Diseases

Genetic Models

Genomics, Proteomics

Transcriptomics

Metabolomics

NextGen Sequencing

Computational

Biology Bioinformatics

Biostatistics, AI

Big Data Analytics

Visualization

Education

Dr. Sci Biochemistry and Biophysical Chemistry
University of Frankfurt