

JOSEPH MICHAEL CLEARY

SUMMARY OF EXPERIENCE

Scientist with extensive technical experience in fermentation, molecular genetics and metabolic engineering, developing polysaccharide and nutraceutical products for a global leader in fermentation. Project manager of interdisciplinary teams in the specialty chemicals industry

for: New microbial products	Product modifications
Strain Improvements	Process improvement s

Hands-on research expertise:

Fermentation scale up	Microbial physiology
Molecular genetics	Bacterial genomics
Culture Maintenance	Biosafety

EDUCATION

University of California, Los Angeles, California

1975 - 1980 Ph.D., Biology (Molecular Genetics)
Degree conferred December, 1980

Stanford University, Stanford, California

1968 - 1970 B. A., Biology
Degree conferred June, 1970

University of California, San Diego

1981-1982 NSF Postdoctoral Fellow, Molecular Biology

PROFESSIONAL WORK HISTORY

University of California, San Diego

2003 – Project Manager, Integrative Biosciences

Liaison for the development of collaborative research programs between the San Diego Supercomputer Center and campus researchers in the field of computational biology. Responsible for the creation of interdisciplinary projects applying state-of-the-art bioinformatics tools and techniques to increase the rate and scope of discovery of scientists in biology.

CP Kelco, Inc.

2002 – 2003 Founding associate, Kelco Biospecialties Group (KBG)
2001 – 2003 Department Head, Fermentation Sciences

Led fermentation and strain development group (10 scientists, 20 fermentor lab) and project teams, in both R&D and production units, achieving major cost reductions and boosting product quality in bioprocesses, on time and under budget.

