

Alex Tao (short bio)

Current: Founder and Chief Scientific Officer, EnzymeWorks (2011-)

Priori Experience:

1. Chief Scientific Officer: first CSO of Elevance Renewable Sciences, Inc., USA
2. Cofounder and Chief Scientific Officer: BioVerdant, Inc., USA
2. Pfizer Inc.
 - (1) Creator and Head of the Biotransformations Group in San Diego, a global Center of Emphasis of Pfizer Global R&D;
 - (2) Core member of the API Review Team and API Development Team of Pfizer Global Manufacturing
 - (3) Pfizer Global Biotask Force steering committee.
 - (4) Developed over a dozen of biocatalytic processes resulting in significant cost savings including for the Lipitor, Lyrica and Xalkori projects.

Education:

Post doctoral research: Biochemistry, Harvard Medical School

PhD: Organic Chemistry, New Mexico State University

Awards, Publications and Invited Speaker:

1. Awards

- (1) J&J R&D Excellence Award (2015)
- (2) IChemE Award for Excellence in Green Chemistry and Engineering (Project, 2006)
- (3) Nominated for US EPA Presidential Green Chemistry Award (Project, 2005)
- (4) Pfizer Green Chemistry Award (2005)
- (5) Pfizer Achievement Award (2004)

2. Books and Publications

- (1) Chief Editor of "Biocatalysis for the Pharmaceutical Industry", Wiley-VCH, 2009
- (2) Chief Editor of "Biocatalysis for Green Chemistry and Chemical Development", Wiley-VCH, 2011
- (3) Nearly 100 authored publications including book chapters, scientific research papers (English) and patents (US and international)

3. Invited Speakers

- (1) Invited speakers or chairs for over 50 international conferences on green chemistry, chiral synthesis, process development and biocatalysis
- (2) Invited speakers for over top 40 pharmaceutical and fine chemical companies