

Guidelines for the Amgen Biochemical and Molecular Engineering Award

Purpose

The Amgen Award (supported by Amgen, Inc., Thousand Oaks, CA, a leading biotechnology company with pioneering human therapeutic products) is given in memory of **James E. Bailey** to recognize research excellence and leadership in Biochemical and Biomolecular Engineering. The award nominations will be judged according to criteria as set forth in this document.

Award

For each conference, an award of \$5000 cash and a commemorative plaque will be presented from Amgen to the recipient at the conference.

Previous Awardees

1993 - James E. Bailey (ETH-Zurich)
1995 - Daniel I. C. Wang (MIT)
1997 - Michael Shuler (Cornell University)
1999 - Douglas Lauffenburger (MIT)
2001 - Harvey Blanch (University of California, Berkeley)
2003 - Douglas Clark (University of California, Berkeley)
2005 - Eleftherios (Terry) Papoutsakis (Northwestern University/University of Delaware)
2007 - George Georgiou (University of Texas)
2009 - Gregory Stephanopoulos (MIT)
2011 - Jens Nielsen (Chalmers University of Technology)
2013 - Sang Yup Lee (KAIST)
2015 - Wei-Shou Hu (University of Minnesota)
2017 - Jay Keasling (University of California Berkeley)

Eligibility

This Award is open to all researchers (scientists and engineers from industry, academia and government) in the Biochemical and Molecular Engineering field. It is expected that the award recipient will register and attend the conference. Amgen employees are not eligible for the award.

Evaluation

Nomination packages will be evaluated by a committee established by the conference chairs or designee.

Criteria

The nominations will be judged on the originality and overall quality of work, significance to the advancement of the field of Biochemical and Biomolecular Engineering, and other supporting information in the nomination package.

Nomination Package

The nomination package must consist of the following items:

- 1) nomination cover sheets
- 2) a nomination letter of no more than 4 pages including a description of the nominee's contributions to the field of Biochemical and Molecular Engineering
- 3) a resume including publications by the nominee
- 4) a maximum of three supporting letter from individuals in the field

The nomination cover sheet(s) should contain the following information:

- 1) Name of nominee
- 2) Present position (exact title)

- 3) Mailing address (including phone and fax numbers, and email)
- 4) Education
 - a) Institutions
 - b) Degrees received and year of each degree
 - c) Major or field
- 5) Positions held
 - a) Company or institution
 - b) Position or title
 - c) Time period
- 6) Academic and professional honors and awards
- 7) Technical and professional society memberships and offices held
- 8) Nominator's name, address, phone and fax numbers, and email
- 9) Nominator's signature
- 10) Date

THE COMPLETE NOMINATION PACKAGE should be submitted in an electronic form AS A SINGLE PDF FILE WITH THE NAME OF THE NOMINEE, and should include the scanned, signed letters of support.

Nomination packages should be sent by **February 28, 2019** to:

Prof. Jay Keasling
Chair of the 2019 Amgen Award Committee
Email: keasling@berkeley.edu

And to ECI Ececutive Director
Email: Barbara@engconfintl.org