THE GADEN AWARD

Biotechnology and Bioengineering

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Past Awardees:

Mark E. Davis for:
Impact of tumor-specific targeting and dosing schedule on tumor growth inhibition after intravenous administration of siRNA-containing nanoparticles
Derek W. Bartlett, Mark E. Davis
Biotechnology and Bioengineering 99:975-985, 2008

William M. Pardridge for:
Humanization of anti-human insulin receptor antibody for drug targeting across the human blood-brain barrier
Ruben J. Boodo, Yufeng Zhang, Yun Zhang, and William M. Pardridge
Biotechnology and Bioengineering 96:381–391, 2007

Jonathan S. Dordick for:
Controlled hierarchical assembly of switchable DNA-multiprotein complexes
Grazyna E. Sroga, Jonathan S. Dordick
Biotechnology and Bioengineering 94:312-321, 2006

James R. Swartz for:
Energizing cell-free protein synthesis with glucose metabolism
Kara A. Callioun, James R. Swartz
Biotechnology and Bioengineering 90: 606-613, 2005

Jeffrey A. Hubbell for:
Synthetic extracellular matrices for in situ tissue engineering
Alison B. Pratt, Franz E. Weber, Hugo G. Schmoeckel, Ralph Müller, Jeffrey A. Hubbell
Biotechnology and Bioengineering 86:27-36, 2004

Martin Fussenegger for:
Novel CNBP- and La-based translation control systems for mammalian cells
Stefan Schlatter, Martin Fussenegger
Biotechnology and Bioengineering 81:1-12, 2003

Peter W. Zandstra for:
Efficiency of embryoid body formation and hematopoietic development from embryonic stem cells in different culture systems
Stephen M. Dang, Michael Kyba, Rita Perlingeiro, George Q. Daley, Peter W. Zandstra
Biotechnology and Bioengineering 78:442-453, 2002

Govind Rao for:
Low-cost microbioreactor for high throughput bioprocessing
Yordan Kostov, Peter Harms, Lisa Randers-Eichhorn, Govind Rao
Biotechnology and Bioengineering 72:346-352, 2001

James E. Bailey for:
Engineering of coordinated up- and down-regulation of two glycosyltransferases of the o-glycosylation pathway in Chinese Hamster Ovary (CHO) cells
Elisabetta G.P. Prati, Mattia Matasci, Tobias B. Suter, Andre Dinter, Andriana R. Sburlati, James E. Bailey
Biotechnology and Bioengineering 68:239-244, 2000

Sang Yup Lee for:
Chiral compounds from bacterial polyesters: Sugars to plastics to fine chemicals
Sang Yup Lee, Young Lee, Fulai Wang
Biotechnology and Bioengineering 65:363-368, 1999

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