

The First International Meeting on Synthetic Biology

Synthetic Biology 1.0

June 10 – 12, 2004

Cambridge, MA

Why a Synthetic Biology Conference?

Synthetic Biology 1.0 will bring together, for the first time, researchers who are working to (i) design and build biological parts, devices and integrated biological systems, (ii) develop technologies that enable such work, and (iii) place this scientific and engineering research within its current and future social context.

What is it?

The conference will be held over three days on the campus of the Massachusetts Institute of Technology. The first two days of the conference will consist of technical lectures describing current scientific and engineering research, featured presentations selected from submitted abstracts, and a conference-wide poster session. In addition, we will host a series of moderated discussions to help begin to explore issues related to (i) current and future biological risk, (ii) ethics related to the engineering of biology, and (iii) biological property rights. The third day of the conference will consist of tutorials that describe how to establish and run a registry of standard biological parts, approaches for teaching students how to engineer integrated biological systems, a new computer-based environment for integrated biological systems design, et cetera. An up-to-date program is available online at the URL below.

Who should attend?

Anyone who is interested in, or already working on, synthetic biology.

What else?

To provide the most opportunities for informal interaction and community building we are asking that conferees plan to participate in the entire program. In support of such participation we will provide meals throughout the conference.

Conference registration is now open via the URL below. To facilitate planning, please register ASAP if you would like to attend. Accepted conferees will begin to be notified on Friday, April 16th. Registration will close on May 10th.

Who will be there?

- **Carlos Barbas III**: Scripps Research Institute, Department of Molecular Biology
- **Frederick Blattner**: University of Wisconsin Madison, Department of Genetics
- **Roger Brent**: Molecular Science Institute & UCSF
- **James Collins**: Boston University, Center for BioDynamics & Department of Biomedical Engineering
- **Michael Elowitz**: California Institute of Technology, Departments of Biology & Applied Physics
- **Homme Hellinga**: Duke University, Department of Biochemistry
- **Jay Keasling**: University of California Berkeley, Chemical Engineering & LBL Synthetic Biology
- **Tom Knight**: MIT Computer Science & Artificial Intelligence Laboratory
- **Wendell Lim**: UCSF, Departments of Cellular & Molecular Pharmacology and Biochemistry & Biophysics
- **John Mulligan**: Blue Heron Biotechnology
- **Radhika Nagpal**: Harvard Department of Computer Science and Cell Biology
- **George Poste**: Arizona Biodesign Institute
- **Paul Rabinow**: University of California Berkeley, Department of Anthropology
- **Michael Savageau**: University of California Davis, Department of Biomedical Engineering,
- **Pim Stemmer**: Avidia Research Institute
- **Tara O'Toole**: Center for Biosecurity, University of Pittsburgh Medical Center
- **Ron Weiss**: Princeton University, Department of Electrical Engineering