

PACE Workshop
European Center for Living Technology, Venice, Italy
Feb 21-Mar 5, 2005

Protocells: experiments, ethics, and technological potential

Workshop overall coordinator: Mark Bedau
Local organization: Emily Parke, Francesca Bernardi

Overview: Protocells will be a quintessential example of "living technology". A number of research groups in Europe and around the world are exploring different strategies for creating protocells. This workshop will focus on the protocell research within the EU-funded Programmable Artificial Cell Evolution (PACE) and the LANL-funded Protocell Assembly projects. The workshop consists of the following four loosely interwoven threads:

Thread 1: **Microfluidic technology for protocell experiments**

- Organizers: John McCaskill, Patrick Wagler

Thread 2: **Protocell chemistry**

- Organizers: Peter Nielsen, Steen Rasmussen, Günter von Kiedrowski

Thread 3: **Social and ethical implications of protocell technology**

- Organizer: Mark Bedau

Thread 4: **IT potential of programmable artificial cells**

- Organizers: Lukas Lichtensteiger, Peter Eggenberger, Rolf Pfeifer

Overall schedule

Feb 21-22 Bonn Microfluidic technology for protocell experiments
Feb 23-26 (morn) ECLT Protocell chemistry
Feb 24, 12:30-2:30 ECLT Meeting of ECLT Science Board
Feb 26 (aftn) ECLT Social and ethical implications of protocell technology
Feb 27 (Sunday) free time
Feb 28-Mar 2 ECLT Working groups on PACE deliverables
Mar 3, 10:00 ECLT Meeting of PACE General Council
Mar 3-5 ECLT IT potential of programmable artificial cells