

## ► Microplates and MS

*Find out what's new in microplates and mass spectrometry.*

### MipTec 2004

Microplate Technology (MipTec) 2004 is dedicated to enabling technologies in the drug discovery process. The conference is in its seventh year and will be held May 3–6 in Basel, Switzerland. MipTec 2004 will offer diverse session topics that reflect the continually changing



landscape in the search for new medicines. Academic, pharmaceutical, and biotechnology scientists from the United States and Europe will present new concepts and approaches in biology, chemistry, and drug discovery technologies. MipTec 2004 will also offer an exhibition featuring more than 70 companies exhibiting the newest products for automation, readout and storage, chip technologies, plasticware and consumables, proteomics, combinatorial chemistry, and bioinformatics.

Technical session topics for MipTec 2004 include target identification and validation; biomolecular screening strategies and the hit-to-lead process; structure-based drug discovery and chemical genomics; novel assay technologies and orphan target approaches; chips, arrays, and microfluidics; leveraging the power of informatics in drug discovery; maximizing value from compound collections; biomarkers discovery, proteomics, and pharmacodynamics; and ADME-tox: preclinical profiling.

A preconference session will be held on May 3 entitled “Innovations in Anti-Cancer Drug Discovery”. This conference is for all companies interested in anticancer drug discovery and development. The event is structured to represent key drivers for success in this rapidly expanding but also highly competitive field. Presentations will cover breakthrough technologies, product concepts, and R&D management. The conference will be divided into two sessions: The first is a more technical session that will

focus on drug discovery strategies for small molecules, antibodies, biologically active proteins, and vaccination strategies. The second part will cover strategic issues.

Speakers from the most successful and innovative companies will present their views on how to build a winning R&D organization.

For more information on the meeting, please visit [www.miptec.com](http://www.miptec.com).

### ASMS 2004

The 52nd American Society for Mass Spectrometry (ASMS) conference will be held May 23–27 at the Opryland Hotel in Nashville, TN. The ASMS promotes and disseminates knowledge of mass spectrometry and allied topics that include advancement of techniques and instrumentation in mass spectrometry, as well as fundamental research in chemistry, geology, biological sciences, and physics. This year's meeting will feature short courses, workshops, tutorial lectures, plenary lectures, award lectures, oral and poster sessions, and exhibits.

There will be two plenary lectures entitled “Overview of the Bioterrorism Threat and What We Can Do To Prepare and Respond”, presented on Monday morning, May 24, and “Communicating Technological Concepts to Lay Jurors—Genentech vs. Burroughs-Wellcome et al.—Telling the tPA Story”, held on Thursday morning, May 27.

There will be two awards presented at ASMS 2004. The Distinguished Contribution in Mass Spectrometry Award recognizes a focused, singular achievement in, or contribution to, fundamental or applied mass spectrometry. The award will be given at a lecture on Tuesday morning, May 25. This year's recipient is Fred McLafferty of Cornell University for his contribution to the mechanistic definition of the six-membered ring

hydrogen rearrangement in the gas-phase ion chemistry of carbonyl compounds, now known as the “McLafferty rearrangement”. The Biemann Medal, which recognizes a significant achievement in basic or applied mass spectrometry made by an individual early in his or her career and is presented in honor of Klaus Biemann, will go to Carol V. Robinson of Cambridge University for her achievements and contributions to the areas of protein mass spectrometry and structural biology. This award will be given at a lecture on Wednesday morning, May 26.

Short courses will be held prior to the actual meeting on May 22 and 23. Topics include interpretation of mass spectra; mass spectrometry in drug discovery; fundamentals and applications of MS/MS, FTMS, and MALDI-TOF/MS; practical LC/MS; and quantitative mass spectrometry.

Oral and poster sessions will be held beginning Monday, May 24, covering a range of topics, including stable isotope labeling for biochemical quantitation, introduction to systems biology and the role of mass spectrometry, recent advances in lipidomics, mass spectrometry contributions to immunology, protein conformation and binding, environmental mass spectrometry, metabonomics, photodissociation, ion mobility spectrometry, and glycomics. For information on the meeting, please visit [www.asms.org](http://www.asms.org). ■



## ► upcoming meetings

### BIO 2004

San Francisco, June 6–9

[www.bio.org](http://www.bio.org)

### ALA Lab Fusion

Boston, June 12–16

<http://labautomation.org/LF/LF04>

### ChemSpec Europe 2004

Amsterdam, June 23–24

[www.ibc-lifesci.com/chemspec](http://www.ibc-lifesci.com/chemspec)