

Medical Grade Polymers 2009

The international business and technical conference for the medical manufacturing industry



September 15-16, 2009
*The Hilton City Avenue,
Philadelphia, PA, USA*

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Photos courtesy of PolyOne

Medical Grade Polymers 2009

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Medical Grade Polymers are expanding in the marketplace. With an aging global population the medical device industry is growing and research is advancing at a rapid pace to provide a high quality of life. With each new development comes the need for material selection and polymers are key, because of their unique blend of chemical resistance and ease of processing.

Safety evaluation is a critical factor in design, testing and manufacturing of medical devices down to the packaging and supply level. Governing bodies across the world regulate and monitor new and existing products in the healthcare system, such as the FDA in the United States, whose standards are recognized internationally. Industry needs to understand these requirements in order to supply the market. The complex testing regimes to obtain approval will be discussed at this conference.

Many devices are multifunctional, for example with both a mechanical support role and as a drug carrier. This may require a re-evaluation of the materials being used and also the manufacturing process, followed up by repeat testing and approval of the new product. Tissue scaffolding is an area for growth, and some materials in use are biodegradable, where the device only needs to stay in place for a relatively short time. Coatings can improve biocompatibility and there have been developments in this field too.

Medical Grade Polymers 2009 provides an expert forum for device designers, OEMs, manufacturers, researchers and suppliers to the industry. It is a unique place to hear about the latest technology trends and to debate important issues with top professionals.

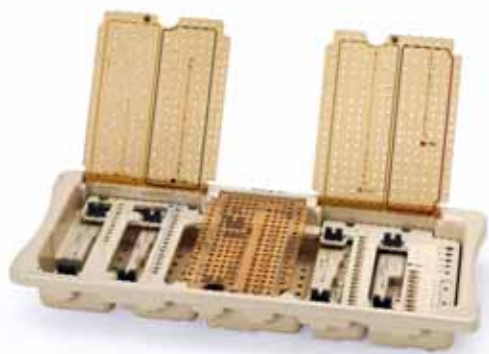


Photo courtesy of Solvay Advanced Polymers

FIVE GOOD REASONS WHY YOU SHOULD ATTEND

- Hear what manufacturers want from the polymer industry
- Look at the issues involved in material selection for medical devices
- Study advances in medical polymers
- Assess the new technology and applications for your business needs
- Meet top experts in medical materials and manufacturing technology

TUESDAY, SEPTEMBER 15, 2009

8.00-9.00 Registration & Welcome Coffee
9.00 Opening announcements

SESSION 1 - MATERIAL SELECTION

9.10 Medical device materials – current needs and trends for the future

*Mr. Len Czuba, President
CZUBA ENTERPRISES, INC., United States*

9.40 Premarket pathways

*Ms. Laura Bird
FOOD & DRUG ADMINISTRATION (FDA), United States*

10.10 Design and selection of polymers for permanent implant devices

*Mr. Tanner Hargens, Biomedical Engineer
MEDICAL MURRAY, INC., United States*

10.40 - 11.10 Coffee Break

SESSION 2 - INNOVATIONS

11.10 Application of supercritical fluids for drug-device combination products

*Dr. Vipul Dave, Engineering Fellow
CORDIS CORPORATION, United States*

11.40 Critical needs of smart polymers for developing a heart muscle patch

*Dr. Tetsuro Wakatsuki, Assistant Professor (Chief Scientific Officer)
MEDICAL COLLEGE OF WISCONSIN (INVIVOSCIENCES LLC),
United States*

12.10 - 1.40 Lunch

1.40 Plastics material selection for medical applications

*Dr. Guangyu Lu, Manager, Plastics Material and Process
Development TELEFLEX MEDICAL, United States*

2.10 Hydrophilic coatings for medical devices

*Dr. Paul Nowatzki, Associate Scientist Medical Coatings
BAYER MATERIAL SCIENCE LLC, United States*

2.40 High-Performance & ultra polymers for medical devices and Instruments

*Ms. Irene Ceisel, Business Development Representative
SOLVAY ADVANCED POLYMERS, United States*

3.10 – 3.40 Coffee Break

SESSION 3 - SAFETY EVALUATION

3.40 Forming a biological safety evaluation plan

*Ms. Amy Hoffmann, Technical Specialist
NAMSA, United States*

4.10 Leachables and extractables assessment of antimicrobials in medical plastics: surgical case mask study

*Mr. Peter Solera, Technical Manager & Mr. Roland Burke, Sr. Staff
Scientist, CIBA CORPORATION, & Dr. Konstantin Goronov, Chief
Technology Officer, NOVEKO CORPORATION, United States*

4.40 Application of a risk-based approach in the development and use of a monitoring system in a pharmaceutical rubber manufacturing plant

*Ms. Lisa Marie Yoest, Technical Support Manager
HELVOET PHARMA, United States*

5.10 - 6.40 Cocktail Reception

WEDNESDAY, SEPTEMBER 16, 2009

8.30 - 9.00 Registration & Welcome Coffee
9.00 Opening Announcements

SESSION 4 – PHARMA-RELATED SYSTEMS

- 9.10 Pharmacopeial control of medical plastics**
Dr. Michael N. Eakins, Principal Consultant
 EAKINS & ASSOCIATES, United States
- 9.40 Polymers for use in orally inhaled and nasal drug products: challenges and opportunities**
To be confirmed
 IPAC-RS MATERIALS WORKING GROUP, United States
- 10.10 Suitability considerations associated with extractables and leachables from container closure systems**
Dr. Dennis Jenke, Principle Scientist
 BAXTER HEALTHCARE CORPORATION, United States

10.40 - 11.10 Coffee Break

SESSION 5 - MANUFACTURING

- 11.10 Medical grade? What manufacturers need**
Mr. James Morrison, Lead Materials Engineer
 RESMED Ltd., Australia
- 11.40 A systematic approach to choosing the right manufacturing process**
Mr. Larry Walck, Director, Business Development & Dr. Michael Hansen, Senior Technical Development Engineer
 MACK MOLDING CO., United States
- 12.10-1.40 Lunch**
- 1.40 Antimicrobial silicone materials**
Dr. Yi-Feng, Global Marketing Manager, Next Generation Elastomers
 MOMENTIVE PERFORMANCE MATERIALS, United States
- 2.10 Versatile polyurethane scaffold materials for tissue engineering**
Dr. Michael O. Hunt, President, New Business Development
 POLYMATERIALS CORP., United States
- 2.40 Flexible choices: new elastomer compounds for phthalate substitution**
Ms. Lisa M. Charno, Market Manager – Medical,
 TEKNOR APEX COMPANY / TPE DIVISION, United States

3.10 Conference ends

All timings are approximate.
AMI Reserves the right to alter the program without notice.

SAVE \$150!

REGISTER BEFORE AUGUST 3rd, 2009 AND SAVE \$150

REGISTRATION

To register you may fill out the attached form and fax it to 610-478-0900. Please contact Lauren Fell, Conference Coordinator at 610-478-0800 or email: lf@amiplastics-na.com with any questions.

VENUE

Philadelphia is on the East Coast of the US with a major international airport and in easy reach of New York and Washington DC. The city sights include historic buildings, museums, shopping malls and beautiful parks. It is a multicultural experience with many different types of dining and entertainment to offer.

EXHIBITION & SPONSORSHIP

A limited number of table top exhibition spaces will be available at Medical Grade Polymers 2009. The exhibition fee is \$1600 and includes 1 free delegate place.

There will also be a variety of cost effective sponsorship opportunities to maximize your corporate profile at this important event. For further information, contact Lauren Fell, Conference Coordinator at Applied Market Information LLC at +1 610 478 0800 or e-mail: lf@amiplastics-na.com.



Organized by:

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