

# Advanced Materials In Healthcare Conference

October 9, 2017

Huntington Convention Center of Cleveland

## Advanced Elastomers for Healthcare

Chair: **Judit E. Puskas**, The University of Akron, Department of Chemical & Biomolecular Engineering

- 8:30 a.m. Opening Remarks**  
**Judit E. Puskas**, Chair and **Matthew Wilson**, President, The University of Akron
- 8:45 a.m. Plenary: Polymers in Healthcare**  
**Gordon McLennan**, Cleveland Clinic, Department of Biomedical Engineering
- 9:45 a.m. Electrospun Rubbery Fiber Mats for Healthcare**  
**Dr. Kolos Molnár**, Budapest University of Technology and Economy, Department of Polymer Engineering
- 10:15 a.m. Break**

## Advanced Elastomers for Healthcare Continued; Elastomer Materials

Chair: **Rick Ziebel**, R.D. Abbott Company, Inc.

- 10:30 a.m. Review of Butyl Rubber in Medical Applications**  
**Dana Adkinson**, Arlanxeo
- 11:00 a.m. Effect of Sterilization on Butyl Rubber (Steam, Gamma and EtO)**  
**Greg Davidson**, Arlanxeo
- 11:30 a.m. Silicones Used in Healthcare**  
**Eric Reynolds**, Dow Corning Healthcare
- 12:00 p.m. MillaMed™ Millable Polyurethane Compounds for Medical Applications**  
**Thomas Jablonowski**, TSE
- 12:30 p.m. Advantages of Cariflex Polyisoprene Rubber in Healthcare Applications**  
**Aparjita Bhattacharya**, Kraton Polymers
- 1:00 p.m. Lunch**

## International Regulatory Issues

Chair: **Katrina Cornish**, The Ohio State University, Department of Horticulture and Crop Science and Department of Food, Agriculture and Biological Engineering

- 2:00 p.m. Regulatory Considerations Impacting Elastomer Selection**  
**Uma Kale**, The Dow Chemical Company
- 2:30 p.m. Regulatory Affairs for Elastomers for Medical Applications**  
**Amir Hashim Md Yatim**, Malaysian Rubber
- 3:00 p.m. Changes in the USP Standard**  
**Cheryl Stults**, C&M Technical Consulting
- 3:30 p.m. Break**

## Education for Advanced Elastomers for Healthcare

Chair: **Carin Helfer**, The University of Akron, Department of Biomedical Engineering

- 3:45 p.m. Bringing Advanced Materials into the Classroom; Shape Memory Polymers**  
**John Fellenstein**, The University of Akron, Akron Global Polymer Academy
- 4:15 p.m. Natural Rubber - Education is Essential to Utility and Application**  
**Katrina Cornish**, The Ohio State University, Department of Horticulture and Crop Science and Department of Food, Agriculture and Biological Engineering
- 4:45 p.m. BEST Mentoring Program**  
**Carin Helfer**, The University of Akron, Department of Biomedical Engineering
- 5:15 p.m. The Confucius Institute and Educational Collaboration Henan-Akron**  
**Dr. Xiuhua Liu**, Henan University

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**International Rubber  
& Advanced Materials  
In Healthcare Expo**  
Huntington Convention Center  
of Cleveland  
October 10-12, 2017

## Expo Hours:

Tuesday: 10 a.m. – 5 p.m.  
Wednesday: 10 a.m. – 5 p.m.  
Thursday: 10 a.m. – 3 p.m.

Advanced Materials In Healthcare Conference attendees receive complimentary admission to the expo. Just show your conference badge to gain entry.