10.15 a.m.  
**Natural Rubber Biosynthesis** 
Floriano Pastore, Jr., Chemistry  
Institute, University of Brasilia, Brazil

11:15 a.m.  
**Graphene Polymer Nanocomposites with Anti-microbial Properties**  
Rigoberto Advincula, Case Western Reserve University

11:45 a.m.  
**Lateral Flow Diagnostic Kit for Latex Allergens**  
Alessandra Di Cola, TARRC

12:15 p.m.  
**Twenty-first Century Challenges with the Next Generation of Biomaterials**  
Peter D. Gabriele, Secant Medical, Inc.

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**Elastomers/Polymers in the Pharmaceutical Industry**  
Chair: Kimberley Dempsey-Miller, West Pharmaceutical Services

2:00 p.m.  
**Butyl Rubber for Pharmaceutical Packaging**  
Dana Adkinson, LANXESS

2:30 p.m.  
**Potential New Polymers for the Pharmaceutical Industry**  
Attila Gergely, The University of Akron, Enzyme Catalyzed Polymers LLC & BioMERG; Sanghamitra Sen, The University of Akron & BioMERG, and Emily Rosenthal-Kim, The University of Akron & The Ohio State University

3:00 p.m.  
**The Search for a Soft, Stable, High Performance Elastomer for Long-Term Implantable Use**  
Darrel F. Untereker, Ph.D., Medtronic, Inc.

3:30 p.m.  
Break

4:00 p.m.  
**Corporate Social Responsibility: Sustainability Regulation and Preparation Throughout the Supply Chain**  
Donna Di Gangi, DiGangi Consulting, LLC

4:30 p.m.  
**Update on Changes in the United States Pharmacopoeia (USP)**  
Cheryl Stults, C&M Technical Consulting, LLC

4:50 p.m.  
**Why Congress Does Not Fund Research**  
Milan Yager, American Institute for Medical and Biological Engineering (AIMBE)

5:30 p.m.  
Reception

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You won’t want to miss this valuable and informative conference!  
This is a one-day conference that is a component of our International Elastomer Conference. Judit E. Puskas, Ph.D., P.Eng., Fellow AIMBE, Professor of Chemical and Biomolecular Engineering, Professor of Polymer Science, Integrated Bioscience and Chemistry at The University of Akron, led a distinguished group to develop the program.

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