SESSION: Advanced Elastomers for Healthcare
Chair: Dr. Judit E. Puskas, The University of Akron & Joseph M. Gingo Chair
8:30 a.m. Opening Remarks
Dr. Tom Graham, Chief Innovation Officer, Cleveland Clinic Foundation, Judit E. Puskas, The University of Akron & Joseph M. Gingo Chair
8:45 a.m. Francis Papay, Cleveland Clinic, Dermatology & Plastic Surgery Institute
Plenary: Polymers in Healthcare
9:45 a.m. Rosane Michele Duarte Soares, Institute of Chemistry, Universidade Federal do Rio Grande do Sul – UFRGS
Biodegradable and Natural Polymers as Biomaterials
10:15 a.m. Floriano Pastore, Jr., Chemistry Institute, University of Brasilia, Brazil
Natural Rubber Biosynthesis
10:45 a.m. Break
SESSION: Advanced Materials for Healthcare Continued; Testing Advanced Elastomers for Healthcare
Chair: Pamela Martin, TARRC
11:15 a.m. Rigoberto Advincula, Case Western Reserve University
Graphene Polymer Nanocomposites with Anti-microbial Properties
11:45 a.m. Alessandra Di Cola, TARRC
Lateral Flow Diagnostic Kit for Latex Allergens
12:15 p.m. Peter D. Gabriele, Secant Medical, Inc.
Twenty-first Century Challenges with the Next Generation of Biomaterials
12:45 p.m. Lunch
SESSION: Elastomers/Polymer Industry
Chair: Kimberley Dempsey-Miller
2:00 p.m. Dana Adkinson, LANXESS
Butyl Rubber for Pharmaceutical Packaging
2:30 p.m. Judit E. Puskas, The University of Akron & Joseph M. Gingo Chair; Sanghamitra Sen, The University of Akron & BioMERG, and Emily Rosenthal-Kim, The University of Akron & The Ohio State University
Potential New Polymers for the Pharmaceutical Industry
3:00 p.m. Darrel F. Untereker, Ph.D., Medtronic, Inc.
The Search for a Soft, Stable, High Performance Elastomer for Long-Term Implantable Use
3:30 p.m. Break
SESSION: International Regulatory Issues
Chair: Katrina Cornish, The Ohio State University
4:00 p.m. Donna Di Gangi, DiGangi Consulting, LLC
Corporate Social Responsibility: Sustainability Regulation and Preparation Throughout the Supply Chain
4:30 p.m. Cheryl Stults, C&M Technical Consulting, LLC
Update on Changes in the United States Pharmacopoeia (USP)
4:50 p.m. Milan Yager, American Institute for Medical and Biological Engineering (AIMBE)
Why Congress Does Not Fund Research
5:30 p.m. Reception

EXPO HOURS:
Tuesday: 10 a.m. – 5 p.m.
Wednesday: 10 a.m. – 6 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.