

# Advanced Materials In Healthcare Conference

October 12, 2015

Cleveland Convention Center

## 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 Brasília, 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/Polymers in the Pharmaceutical 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 & BioMERC, 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

**Brought to you by:**



**Supporting Partners:**



**International Rubber  
& Advanced Materials  
In Healthcare Expo**

**Cleveland Convention Center  
October 13-15, 2015**

**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.