



AGENDA

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| 10:30am – 11:45am
11:30am – 12:00pm | <p>Pre-event poster set up
 Arrival/check in at registration desk</p> | <p>Multidisciplinary Research Building
 Lobby, Simons Laboratories</p> |
| 12:00 – 12:10pm | <p>Opening remarks
 Susan Lunte
 Director, Ralph N. Adams Institute for Bioanalytical Chemistry
 Ralph N. Adams Distinguished Professor of Chemistry and Pharmaceutical Chemistry
 University of Kansas, Lawrence, KS</p> | <p>Simons Auditorium</p> |
| 12:10 – 12:40pm | <p>New designs for contactless conductivity detection on electrophoresis microchips
 Wendell K. T. Coltro
 Assistant Professor, Instituto de Química, Universidade Federal de Goiás (UFG), Goiânia, Brazil</p> | |
| 12:40 – 1:10pm | <p>Off-Stoichiometry Polymer and Modified Poly(dimethylsiloxane) for Microdevices Applications
 José Alberto Fracassi da Silva
 Professor, Instituto de Química, Universidade Estadual de Campinas (Unicamp), Campinas, Brazil</p> | |
| 1:10 – 1:40pm | <p>Development of microchip electrophoresis based methods to profile cellular nitrosative stress
 Dulan B. Gunasekara
 Postdoctoral Research Associate, Department of Chemistry, University of North Carolina-Chapel Hill, Chapel Hill, NC</p> | |
| 1:40 – 1:50pm | <p>Break</p> | |
| 1:50 – 2:20pm | <p>Combined microfluidics, microrheology and imaging techniques to understand molecular interactions
 Prajna Dhar
 Assistant Professor, Department of Chemical & Petroleum Engineering, University of Kansas, Lawrence, KS</p> | |
| 2:20 – 2:50pm | <p>Single cell analysis on microfluidic devices
 Christopher T. Culbertson
 Associate Professor, Department of Chemistry, Kansas State University, Manhattan, KS</p> | |
| 2:50 – 3:00pm | <p>Break and transition to Multidisciplinary Research Building (MRB)</p> | |

- 3:00 – 4:00pm **Poster session** Lobby, MRB
Microfabrication and Microfluidics Core facility tours Room 157, MRB
(poster session and tours will take place concurrently)
- 4:00 – 4:15pm Poster take down; transition back to Simons Auditorium
- 4:15 – 4:45pm **AFM-Based Nanofabrication for Biodevice Applications**
Cindy L. Berrie
Associate Professor, Department of Chemistry, University of Kansas, Lawrence, KS
- 4:45 – 5:15pm **Microfluidic ExoSearch: A Revolutionary Approach to Biomarker Discovery**
Mei He
Assistant Professor, Department of Biological and Agricultural Engineering, Kansas State University-
Olathe, Olathe, KS
- 5:15 – 5:45pm **Microfluidics: From innovative analysis to biomimetic culture systems**
Sabeth Verpoorte
Professor, Head of Pharmaceutical Analysis Group, Groningen Research Institute of Pharmacy, University
of Groningen, The Netherlands