

Morning Presentations

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| 8:30 a.m. - 9:00 a.m. | Check-In and Opening Remarks Nathan Hoffmann, Interim Director, Office of Technology Management Edward Seidel, Vice President, Economic Development and Innovation |
| Session 1 | Emerging Drug Discoveries Moderator: Edwin Moore |
| 9:00 a.m. - 9:15 a.m. | Paul Hergenrother Novel Anticancer and Antibacterial Drugs, for Pets and People |
| 9:15 a.m. - 9:30 a.m. | Martin Burke Molecular Prosthetics to Treat Anemia and Cystic Fibrosis |
| 9:30 a.m. - 9:45 a.m. | Aditi Das Endocannabinoid Derivatives as Novel Anti-Inflammatory and Anti-Pain Drugs |
| 9:45 a.m. - 10:00 a.m. | Zeynep Madak-Erdogan Designer Estrogens: New Opportunities for Improving Postmenopausal Women's Health |
| 10:00 a.m. - 10:15 a.m. | Dan Schmitt Actuate: Advancing Research to Treatment of Cancer and Inflammatory Diseases |
| 10:15 a.m. - 10:30 a.m. | Steven Zimmerman Targeting the DNA and RNA that Causes Disease Using Small Molecules and Polymers |
| 10:30 a.m. - 10:45 a.m. | Break |
| Session 2 | Targeted Bio-Tools & Real Time Diagnostics Moderator: Harlee Sorkin |
| 10:45 a.m. - 11:00 a.m. | Andrew Ferguson Data-Driven Computational Vaccine Design |
| 11:00 a.m. - 11:15 a.m. | Dipanjan Pan A Novel Point-of-care Biosensor for Real-time Monitoring of Post-Traumatic and Post-Surgical Eye Injuries to Improve Quality and Reduce Vision Loss |
| 11:15 a.m. - 11:30 a.m. | Paul Garriss Neurochemostat for Closed-loop Regulation of Brain Neurotransmitters |
| 11:30 a.m. - 11:45 a.m. | Patrick Degnan CRISPR-Capture: Surveillance Tool for AMR Spread in Microbiomes |
| 11:45 a.m. - 12:00 p.m. | Anthony Banks NeuroLux, Innovative Discovery Tools for Medical Research |
| 12:00 p.m. - 12:15 p.m. | Huimin Zhao Programmable DNA-guided Artificial Restriction Enzymes |
| 12:15 p.m. - 1:15 p.m. | Lunch Chancellor Robert Jones King Li, Dean, Carle Illinois College of Medicine |