

Precision Medicine Summit - Speakers and Presentations

Presentation	Presenter	Campus
<i>Our Companion Animals Helping Us See Disease More Clearly</i>	Dr. Jeff Bryan, Associate Professor of Oncology and Director, Comparative Oncology Radiobiology and Epigenetics Laboratory	MU
<i>How Precision Medicine Will Impact Reproduction</i>	Dr. Tom Spencer, Professor and Director, Interdisciplinary Reproduction and Health Group	MU
<i>Genetic Solutions to Problems in Human Medicine</i>	Dr. Randy Prather, Curators' Distinguished Professor of Reproductive Physiology and Molecular Biology, Genetic Engineer and Director, National Swine Resource and Research Center	MU
<i>Realizing the Promise of Precision Medicine - Moving from Promise to Practice</i>	Dr. John Spertus, Professor, Daniel J. Lauer Missouri Endowed Chair in Metabolism and Vascular Disease Research	UMKC
<i>Precision Medicine - Patient Context</i>	Dr. Mark Hoffman, Chief Research Information Officer, Children's Research Institute - Children's Mercy Kansas City and Associate Professor of Biomedical and Health Informatics, Pediatrics	UMKC
<i>Synthetic Ionophores as Antibiotics and Antibiotic Adjuvants</i>	Dr. George Gokel, Distinguished Professor and Director Center for Nanoscience	UMSL
<i>Medicinal and Radiopharmaceutical Chemistry</i>	Dr. Tim Glass, Chair and Professor of Chemistry	MU
<i>The Diagnostic Odyssey for Rare Disease Patients</i>	Dr. Gerald Wyckoff, Professor of Molecular Biology and Biochemistry	UMKC
PANEL DISCUSSION FOR SPEAKERS 1-8 (10-15 MINUTES)		
<i>Personalized Precision Medicine--The Mizzou Way</i>	Dr. Peter Tonellato, Professor and Director, Center for Biomedical Informatics Research	MU
<i>Targeting Cancer</i>	Dr. Sutapa Barua, Assistant Professor of Chemical and Biochemical Engineering	Missouri S&T
<i>Learning From Machines: Application of Data Science to Predict and Improve Neurological Outcomes</i>	Dr. Rob Paul, Professor of Behavioral Neuroscience and Director, Missouri Institute of Mental Health	UMSL
<i>Strategies for Alzheimer's Disease Therapeutics</i>	Dr. Mike Nichols, Associate Professor of Chemistry	UMSL
<i>The Psychosocial Landscape of Precision Health</i>	Dr. Jamie Arndt, Professor and Chair of Department of Psychological Sciences	MU
<i>Computational Psychiatry</i>	Dr. Satish Nair, Robert Buescher Professor of Bioengineering and Interim Co-Chair of Electrical Engineering and Computer Science	MU
<i>Tissue Engineering: New Age Precision Medicine Materials</i>	Dr. Sheila Grant, Associate Dean for Research, College of Engineering and Professor of Bioengineering	MU
PANEL DISCUSSION FOR SPEAKERS 9-15 (10-15 MINUTES)		