SBUR/SUO 2021 Joint Morning Session

Las Vegas, Nevada

September 11, 2021

Novel Strategies/approaches for Urologic Disease Diagnosis and Treatment

Co-Chaired with Dr. Haojie Huang from SBUR and Dr. Jeffrey Holzbeierlein from SUO

8:00 a.m.   **Welcome and Introductory Remarks**

8:05 – 9:05 a.m.   **Don Coffey lectureship**: **AI for Healthcare: Opportunities and Challenges**
                    Regina Barzilav, PhD- MIT Computer Science & Artificial Intelligence Lab

Session Title: Artificial intelligence (AI), machine learning and digital health sciences

9:05 – 9:35 a.m.   **Emerging Applications of Artificial Intelligence in Urologic Cancer Imaging**
                    Joseph Liao, MD- Stanford University

9:35 – 10:05 a.m.   **Clinically Integrated Computational Oncology for Precision Cancer Medicine**
                    Eli Van Allen, MD.- Dana-Farber Cancer Institute

10:05 – 10:35 a.m. **An Integrative Cancer Data Analysis Tool For Prostate Cancer Biomarker and Target Discovery**
                    Sooryanarayana Varambally- University of Alabama at Birmingham

10:35 – 10:45 a.m. Break

Session Title: PROTAC and cancer therapy

10:45 – 11:15 a.m. **Expanding the Druggable Genome through Targeted Protein Degradation**
                    P. Ryan Potts, Ph.D.- St. Jude Children's Research Hospital/Amgen

11:15– 11:45 a.m.   **Light-induced Control of Protein Destruction by Opto-PROTAC**
                    Wenyi Wei, Ph.D.- Beth Israel Deaconess Medical Center, Harvard medical School

11:45 a.m.   **Adjourn**