

# AR-BIC 2023 Program At A Glance

Theme: Bioinformatics, Big data, AI, and Public Health: An Integrated World

Venue: Wyndham Hotel, North Little Rock

## Day 1: Mar 13, 2023 (Monday)

**Registration, and Poster Set-up (10 am – 1:00 pm)**

**Pre-Conference Workshops (1:00 pm – 2:30 pm)**

**W1:** AI for Natural Language Processing

**W2:** AI for Image Analysis

**Break: 2:30 pm – 3:00 pm**

**Opening Remarks (3:00 pm– 3:15 pm)**

Dr. Namandjé Bumpus, FDA Chief Scientist

**Keynote Lecture #1 (3:15 pm– 4:00 pm)**

Algorithmic Medicine: New Opportunities to Increase Patient Trust, Joseph Sanford and Kevin Sexton, UAMS

**Afternoon Session (4:00 pm – 5:30 pm)**

**S1:** Industry Views and Tools: How Health Care Data Analytics Improves Quality of Care

**S2:** Bioinformatics and AI in Pathogen Surveillance and Microbial Genomics

**Welcome Reception and Poster (6:00 pm – 8:00 pm)**

*Note: the poster session is open to any research topic. Best posters will receive monetary awards.*

## Day 2: Mar 14, 2023 (Tuesday)

**Breakfast and Networking (8:00 am – 8:30 am)**

**Morning Session (8:30 am – 10:30 am)**

**S3:** AI in Healthcare

**S4:** Integrated Genomics for Precision Oncology

**Break: 10:30 am – 11:00 am**

**Keynote Lecture #2 (11:00 am – 12:00 noon)**

Drug Discovery – If You Want to See Different Results Do Things Differently, Dr. Ruth Roberts, University of Birmingham, UK

**Lunch: 12 noon – 1:00 pm**

**Afternoon Session: 1:00 pm – 2:30 pm**

**S5:** Drivers of Public Health in the US Population: Why Valid Self-Report Measures Matter

**S6:** Machine Learning and Deep Learning for Big Data Analysis and Drug Development

**Poster Awards and Concluding Remarks (2:30 pm – 3:00 pm)**