


YALE SURGERY

9TH ANNUAL RESEARCH DAY

APPROACHES TO TEAM SCIENCE

7 a.m. **Breakfast**

 7:30 a.m. **Opening Remarks**
Benjamin L. Judson, MD, MBA

 7:40 a.m. **Keynote: All Hands Grand Rounds**
The Arc of Team Science: Building, Leading, and Sustaining Collaborative Research
Julie Ann Sosa, MD, MA

8:45 a.m. **Faculty Showcase: Team Science Applied Research**
Moderator: Curtis Pickering, PhD

Molecular Fetal Therapy to Improve Lung Function at Birth
David Stitelman, MD

Leveraging Novel Data Linkages: Understanding Differences in Breast Cancer Outcomes
Michaela Dinan, PhD

Strategies To Overcome Immune Resistance in Head and Neck Cancers
Sara I Pai, MD, PhD

9:45 a.m. **Break**

10 a.m. **Highlighted Abstracts**
Moderators: Eric Schneider, PhD; Holly Blackburn, MD, PhD

Novel functional and single nuclear transcriptomic analysis of an acellular extracellular matrix for growth-adaptive tricuspid valve replacements in sheep
Anita Ghodsi (Gruber lab)

Drivers and patterns of disease progression as a novel schema for risk stratification in metastatic non-small cell lung cancer
Gabriela Esnaola (Olino lab)

Validation and establishment of the contrast volume prediction model: For Optimizing Renal Efficiency in EVAR (the FORE-EVAR calculator)
Jay Bader, MD (Chaar lab)

10:45 a.m. **Panel Discussion: Lessons Learned**
Moderators: Sara I Pai, MD, PhD & Siba Haykal, MD, PhD

Panelists: Mehra Golshan MD, MBA; Rachel Greenup MD, MPH; Peter J. Gruber, MD, PhD; Julie Ann Sosa, MD, MA; George Tellides MD, PhD

11:50 a.m. **Closing Remarks**
Peter Gruber, MD, PhD

12 p.m. **Poster Session & Lunch**
Moderators: Anne Mongiu, MD; Gavitt Woodard, MD

2 p.m. **Adjourn**