

Trainee Research Day | May 16, 2018

ORAL COMPETITION WINNERS

Of the nearly 130 abstracts submitted, below are the 19 postdoctoral fellows, clinical residents and clinical fellows whose abstracts were selected to compete in the Oral Competition segment of Trainee Research Day. Each presenter was limited to an eight-minute presentation and four minutes of Q&A by a panel of faculty and trainees.

AMGEN Award in Basic Science Research

- 1st Stephen Mok, PhD**
Mentor: [James P. Allison, PhD](#)
Effects of Anti-CTLA-4 and Anti-PD-1 on Memory T-cell Differentiation and Resistance to Tumor Relapse
- 2nd Jianfeng Shen, PhD**
Mentor: [Guang Peng, PhD](#)
ARID1A Deficiency Promotes Mutability and Potentiates Therapeutic Antitumor Immunity Unleashed by Immune Checkpoint Blockade
- 3rd Tara H.W. Dobson, PhD**
Mentor: [Vidya Gopalakrishnan, PhD](#)
Repressive Chromatin Remodelers in SHH-Driven Medulloblastoma
- 4th Na Niu, MD, PhD**
Mentor: [Jinsong Liu, MD, PhD](#)
Amitotic Division of Polyploidy Giant Cancer Cells: A New Mechanism for Acquired Drug Resistance

Bayer Award in Clinical Research

- 1st Lauren Colbert, MD**
Mentor: [Ann H. Klopp, MD, PhD](#)
Response to Radiation Treatment in Cervical Cancer is Associated with Clonal Expansion of Antigen Specific T-cells and the Cervical Cancer Microbiota
- 2nd Huakang Tu, MD, PhD**
Mentor: [Xifeng Wu, MD, PhD](#)
Is Folic Acid Safe for Non-Muscle-Invasive Bladder Cancer Patients?
- 3rd Clinton Yam, MD (via Webex)**
Mentor: [Stacy L. Moulder, MD](#)
Impact of Metaplastic Histology in Triple-Negative Breast Cancer Patients Receiving Neoadjuvant Systemic Therapy
- 4th Karine Al Feghali, MD**
Mentor: [Caroline Chung, MD](#)
Interplay of Age and Performance Status on Patterns of Care and Outcomes in Elderly Patients with Glioblastoma: A National Cancer Database Analysis

Bayer Award in Translational Research

1st Jacquelyne Robichaux, PhD

Mentor: [John Heymach, MD, PhD](#)

Mechanisms and Clinical Activity of an EGFR/HER2 Exon 20-Selective Kinase Inhibitor in Non-Small Cell Lung Cancer

2nd Nicole Kettner, PhD

Mentor: [Khandan Keyomarsi, PhD](#)

Palbociclib Resistant Breast Cancer Cells are Sensitized to Inhibition of DNA Repair and Cancer Stem Cell Pathways

3rd Miriam Morrell, DO

Mentor: [Keri Schadler, PhD](#)

Tumor Vessel Normalization After Aerobic Exercise Enhances Therapeutic Efficacy in Ewing Sarcoma

4th Ruli Gao, PhD

Mentor: [Nicholas Navin, PhD](#)

Chemoresistance Evolution in Triple-Negative Breast Cancer Delineated by Single Cell Sequencing

Bristol-Myers Award in Population Science

1st Monica Reyes, PhD

Mentor: [Michelle A.T. Hildebrandt, PhD](#)

Doxorubicin-Induced Cardiotoxicity in iPSC-Cardiomyocytes: Altered Mitochondrial Gene Expression and Function

2nd Andrew Lee, MD, PhD

Mentor: [Ching-Wei Tzeng, MD](#)

Is Early-Stage Pancreatic Adenocarcinoma Truly Early: Stage Migration on Final Pathology with Surgery-First vs. Neoadjuvant Therapy Sequencing

3rd Robert Dood, MD

Mentor: [Anil Sood, MD](#)

Defining Survivorship Trajectories Across Patients with Solid Tumors: An Evidence-Based Approach

4th Nathan Parker, PhD

Mentor: [Matthew Katz, MD](#)

Physical Activity is Associated with Improved Quality of Life and Functional Fitness Among Patients Receiving Preoperative Therapy for Pancreatic Cancer

AMGEN Award in Quality Improvement Research

(3 participants only)

1st Ko Un Clara Park, MD

Mentor: [Sarah DeSnyder, MD](#)

Opioid Prescriptions After Breast Cancer Surgery: Perception and Reality

2nd Woo J. Chi, DDS

Mentor: [Mark Chambers, DMD](#)

Development of a Dental Laboratory Standard Operating Procedure at MDACC Oral Oncology Clinic

3rd Samantha Tam, MD

Mentor: [Randal Weber, MD](#)

The Effect of Facility Volume on Treatment
Guideline Compliance and Overall Survival in
Oral Tongue Squamous Cell Carcinoma