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CONTINUING MEDICAL EDUCATION

**Department of Surgery Grand Rounds Research Residents - 6/28/2023
 – 58155-53854**

Date: June 28, 2023

Time: 7:00 AM-8:00 AM

Online

*Aaron Tipton, MD; Kimberly Rebello, MD; Lauren Drapalik, MD; Avanti Badrinathan, MD
 University Hospitals ,*

Educational Objectives

At the conclusion of this activity, the participant should be better able to:

- 1 Identify the use of NCDB for evaluating disparities in breast cancer
- 2 Discuss use of institutional database of breast surgery patients
- 3 Explain use of MammaPrint on core needle biopsy
- 3 Explain the disparities associated with the care of trauma patients
- 5 Examine the barriers to palliative care in geriatric trauma patients.
- 6 Evaluate the presence of two cell death pathways, pyroptosis and necroptosis, in the context of aortic disease development
- 7 Ascertain the phenotypic effect of knocking out either of these cell death pathways using murine models
- 8 Define the cellular mechanisms behind the phenotypic effect seen in vivo using in vitro methodologies, to bridge the research towards clinical studies

Accreditation and Credit Designation Statements

Case Western Reserve University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Case Western Reserve University School of Medicine designates this live activity for a maximum of 1.00 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosures:

All relevant financial relationships have been mitigated. This activity's planners and speaker(s) have made the following disclosures:

Name of individual	Individual's role in activity	Name of Ineligible Company(s) / Nature of Relationship(s)
Scott Wilhelm, MD	Course Director	Nothing to disclose - 06/13/2023
Avanti Badrinathan, MD	Faculty	Nothing to disclose - 06/23/2023
Lauren Drapalik, MD	Faculty	Nothing to disclose - 06/23/2023

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Kimberly Rebello, MD	Faculty	Nothing to disclose - 06/23/2023
Aaron Tipton, MD	Faculty	Nothing to disclose - 06/22/2023
Joseph F Sabik III, MD	Other Planning Committee Member	Nothing to disclose - 08/23/2022
Christina Seafler, RN	Other Planning Committee Member	Nothing to disclose - 07/28/2022