Research Forum - Monday, November 11, noon to 1 pm

The Role of Inflammation-Associated Risk Factors in the Pathogenesis of Esophageal Cancer

The Research & Development team invites you to attend a lecture by Claudia D. Andl, PhD, Associate Professor at the University of Central Florida in Orlando, FL.

Many environmental causes of cancer and risk factors are associated with chronic inflammation; 30% of cancers can be attributed to tobacco or inhaled pollutants such as asbestos, and 35% to dietary factors, often associated with obesity.

The causal link between inflammation, innate immunity and cancer is widely accepted, yet the molecular and cellular mechanisms mediating this relationship not as well known.

Dr. Andl studies the molecular basis of injury to the epithelium by acid reflux disease, and the role of obesity in the initiation and progression of esophageal adenocarcinoma. Data from her laboratory highlight the need for three-dimensional models to identify the intricacies of cellular interactions, such as the crosstalk between epithelial cells and their microenvironment.

**Date/Time:** Monday, November 11, noon to 1 pm

**Location:** Building 5E, Auditorium 5104 ABCD

**Presenter:** Claudia Andl, PhD

Lunch will be offered to the first 50 people at 11:45 am. Please come early to secure a seat.