

# FOCAL AREA ONCOLOGY

## SEMINAR



"Stratified epithelium: stress and transformation"

**Susanne Wells**



**Department of Pediatrics of the University of Cincinnati and Cincinnati Children's Hospital Medical Center**

*Dr. Wells' current research is focused on the biology of human epithelial tissues, particularly the epidermis and mucosa which are our critical physical barrier against a hostile environment. Her laboratory seeks to understand gene-environment interactions and their impact on individuals and vulnerable populations. Dr. Wells' research currently comprises three main areas: 1) directed iPSC differentiation for phenotype discovery in Fanconi anemia; 2) intrinsic and environmental stressors of human squamous epithelia including HPV infection, oncogenic stimuli, metabolic de-regulation, and radiation; and 3) squamous cell carcinoma development and progression. The long-term goal is to identify cellular and viral determinants of cancer susceptibility and to explore their targeting for the purpose of new interventions*

**When: Thursday, November 16, 2023 at 12:30**

**Where: University Hospital, Hebelstrasse 20**

**Seminar room, 2nd floor - ZLF**

Organizer: Mattia Zampieri

