

# SPECIAL RESEARCH SEMINAR

Presented by the Fralin Biomedical Research Institute at VTC



## CATHERINE BOLLARD, M.D., M.B.Ch.B.

Dr. Robert J. and Florence T. Bosworth Distinguished Professor of Cancer and Transplantation Biology Research

Interim Executive Vice President & Chief Academic Officer

Director, Center for Cancer and Immunology Research

Children's National Hospital

Interim Chair, Department of Pediatrics

Associate Dean, Pediatric Academic Affairs

George Washington University School of Medicine and Health Sciences

## Next Generation Cell Therapies for Cancer

Dr. Bollard will present an overview of her team's work on translating antigen-specific T cell therapies from the bench to the bedside for the treatment of cancer and virus associated diseases. She will discuss next generation cell therapies utilizing engineering to overcome tumor immune evasion strategies and enhance the potency of the antigen specific T cell platform against solid tumors and blood cancers. She will describe antigen-specific T cell therapies that are currently being evaluated for the treatment of cancer and viral infections, considering how in both malignant and virus infected settings, antigen-specific T cells are pivotal to the immune system's ability to recognize and eliminate abnormal cells or pathogens while also providing long-term immunity in the host. The utilization of these cells as a platform for gene engineering using artificial receptors such as chimeric antigen receptors (CAR) will also be considered.

MONDAY, MAY 20, 2024 at 12:30 p.m.

Room G101 A/B, 4 Riverside Circle

Join via Zoom: <https://viriniatech.zoom.us/j/88225249700>



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