



MUCOSAL
IMMUNOLOGY SIG

Mucosal Immunology Seminar Series



Goblet Cells in Intestinal Immunity

Professor Rodney Newberry, MD

Division of Gastroenterology

Department of Medicine

Washington University, St Louis, USA

12-1pm AEDT Friday, 27th Oct 2023

Dr. Newberry started his own research program in 2000 focusing on basic biology of the intestinal immune system related to inflammatory diseases such as Celiac Disease and Inflammatory Bowel Diseases. His group was one of the first to identify how intestinal isolated lymphoid follicles develop and function. In addition his group has contributed multi-institutional studies on genetics and inflammatory bowel diseases. More recently his group made the transformative identification of a new function for intestinal goblet cells in delivering gut luminal substances to the immune system to generate antigen specific responses. Paradigm shifting work by his group identified how this process was regulated, how it contributes to the development of a healthy immune system, and how it can become dysregulated to contribute to intestinal disease and extra-intestinal diseases such as allergy.

Links to virtual seminars will be emailed to mucosal immunology SIG members. Sign up through the ASI website [HERE](#)

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