



THE UNIVERSITY OF ARIZONA
COLLEGE OF MEDICINE TUCSON

Physiology

Seminars in Translational & Advanced Research (STAR)

Friday, May 1
Arizona Health Sciences Center
Room 8403
11:00am - 12:00pm

<https://arizona.zoom.us/j/85062222452>



Shai Bel, PhD

*Associate Professor, Azrieli Faculty
of Medicine, Bar-Ilan University*

Host: Maya Kaelberer

"Partners in Slime: Host-Microbe Interactions in the gut mucus layer"

Dr. Bel received his Bachelor's degree and PhD in Biology at Bar-Ilan University. He is an Associate Professor in Azrieli Faculty of Medicine at Bar-Ilan University currently on sabbatical at the University of Wisconsin-Madison

The Bel lab uses state-of-the-art mouse models, combined with high resolution microscopy and molecular biology to understand how the intestine functions. They focus on two specialized epithelial cells, Paneth and goblet cells, to investigate how the intestine forms a barrier and why this barrier breaks down when inflammatory bowel diseases develop. Their mission is to understand why inflammatory bowel diseases develop and find clever ways to treat them.