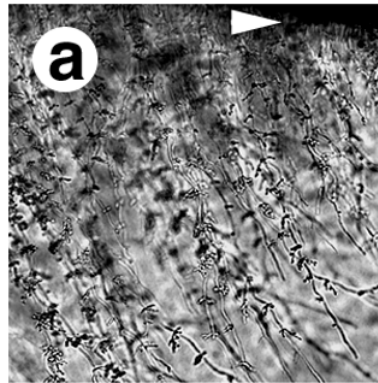


GUEST SPEAKER SEMINAR



Molecular Genetics
UNIVERSITY OF TORONTO

Host/*Candida albicans* interactions: commensal colonization or disease?



As both an opportunistic pathogen and a commensal colonizer, the fungus *Candida albicans* is frequently found in association with humans. In most individuals, intestinal colonization does not become clinically significant. However, in the immunocompromised patient, organisms that were previously colonizing in a benign fashion can develop into invasive pathogens. Morbidity and mortality from *Candida* bloodstream infection is significant in all populations studied. Thus, understanding the factors that promote *Candida* colonization, and allow the commensal-to-invasive pathogen transition is important. Research in the Kumamoto lab focuses on understanding factors that control the level of *C. albicans* colonization of the host intestinal tract and influence the likelihood that *C. albicans* cells will become pathogenic.

Dr. Carol Kumamoto

Professor of Molecular Biology & Microbiology
School of Medicine
Tufts University

Host: Dr. Leah Cowen

Date: Wednesday March 28th, 2018
Time: 9:00AM
Place: CCBR Red Seminar Room; 160
College St