



**a place of mind**

**THE UNIVERSITY OF BRITISH COLUMBIA**

**Department of Cellular and Physiological Sciences**

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## **Dr. Lisa Osborne**

**Assistant Professor**

**Department of Microbiology  
and Immunology**

**UBC**

**Hosted by Dr. J. Kopp**

**12:30 pm, Thursday  
November 3, 2016  
LSC 3**

**My lab is interested in understanding how the host recognizes the diverse species that reside in the gut - from microscopic viruses to large, multicellular helminthic worms - and tailors an immune response of the appropriate scope and magnitude necessary to achieve homeostasis. In particular, we hope that our research investigating the 'multibiome' will provide insight into how dysregulation of these intestinal communities contributes to disease, and in how we might use these species or the products they make to manipulate the immune response to restore homeostasis and health. Addressing these gaps in knowledge will provide new opportunities for therapeutic intervention to enhance immunity (in the case of vaccination) or to rein in excessive immune responses in patients suffering from chronic inflammatory disorders.**