

# Division of Infectious Diseases

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## LISA BARRETT, MD, PhD, FRCPC

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[Division of Infectious Diseases](#), [Department of Medicine](#), [Department of Microbiology & Immunology](#), [Department of Pathology](#)

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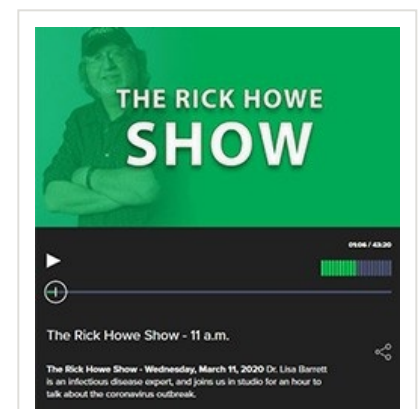
Division of Infectious Diseases  
QEII - Dickson Building  
Suite 5-014 Dickson Building  
5820 University Avenue  
Halifax, NS B3H 2Y9

**Research Topics:**

immunology  
vaccinology  
hepatitis C  
chronic viral infection  
aging  
immune senescence  
HIV  
CMV



[Senescence Aging Infection & Immunity Lab \(SAIL\)](#)



COVID-19 on The Rick Howe Show

In this very timely interview, Dr. Lisa Barrett discusses COVID-19 on [The Rick Howe Show, News 95.7](#) on Wednesday, March 11, 2020 @ 11 a.m.

## Education

BSc (Hons), Memorial University of Newfoundland

MD, Memorial University of Newfoundland

PhD, Memorial University of Newfoundland

## Resident training:

Chief medical resident (Dalhousie University)

Fellow, Adult infectious diseases (University of Toronto)

Postdoctoral fellow (Laboratory of Immunoregulation, National Institute of Allergy and Infectious Diseases, NIH)

## Research interests

The [Senescence, Aging, Infection and Immunity \(SAIL\)](#) laboratory studies immune responses in chronic and persistent viral infections (HIV, CMV, HCV); the role of chronic viral infection in chronologic and immunologic aging; interactions between innate and adaptive immunity in chronic viral infection and the modulation of the immune response to generate therapeutic and prophylactic vaccines in persistent viral infections. Clinically Dr. Barrett is also interested in treating viral infections in underserved and incarcerated populations.

## Selected publications

**Barrett L**, SN Stapleton, ME Gallant, NJ Fudge and MD Grant. **2014**. Immune resilience in human immunodeficiency virus-infected individuals seronegative for cytomegalovirus. *AIDS* 28(14): 2045.

Zipperlen K, M Gallant, S Stapleton, **L Barrett**, and M Grant. **2014**. Protective genotypes in HIV infection reflect superior function of KIR3DS1<sup>+</sup> over KIR3DL1<sup>+</sup> CD8<sup>+</sup> T cells. *Immunology and Cell Biology* doi: 10.1038/icb.2014.68

**Barrett L**, N Trehanpati, S Poonia, L Daigh, SK Sarin, H Masur, S Kottlilil. **2014**. Hepatic compartmentalization of exhausted regulatory cells in HIV/HCV coinfecting patients. *Journal of Viral Hepatitis* doi: 10.1111/jvh.12

**Barrett L**, M Gallant, C Howley, MI Bowmer, G Hirsch, K Peltekian, M Grant. 2011. Stronger hepatitis C virus-specific CD8<sup>+</sup> T cell responses in HIV coinfection. *Journal of Viral Hepatitis* 18(3):170-180.

## Selected awards and honours

2011-2014 CIHR Clinician Scientist Training Award, Phase I

2012 HIV and Liver Meeting Young Investigator Award, Conference on Retroviruses and Opportunistic Infections Young Investigator Award

2009 Dalhousie University, Department of Medicine, Outstanding Resident Award; Dalhousie University Dept. of Medicine, Resident Research Day, Best Oral Presentation

2008 Dalhousie University Department of Medicine Excellence in Grand Rounds

2007 Dalhousie University Department of Medicine, Resident Research Day, Residents Choice, Best Presentation

## Other interests and achievements

## OTHER INTERESTS AND ACHIEVEMENTS

Invited Co-Chair, Clinical Science Session, Canadian Association for HIV Research Annual Conference, St. John's NL 2014

Chair, Dalhousie University Biosafety Training Subcommittee (2014-present)

Chair, Association of Medical Microbiology and Infectious Disease Canada Associates Committee (September 2011-2012)

Chair, National Chief Medical Resident Conference Planning Committee (2008-2009)



### Referring physician?

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