



The Centre for Blood Research presents  
**The Earl W. Davie Symposium**

**Keynote Speakers: Charles Esmon and David Ginsburg**

**November 13, 2012**

**Four Seasons Hotel, 791 West Georgia Street, Vancouver, BC**

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Dr. **Earl Davie's** research has elucidated many areas of coagulation and led to effective treatments for patients with a range of bleeding disorders. He and his colleagues devised the revolutionary Waterfall Sequence for Blood Clotting. Dr. Davie applied cutting edge technologies to identify and characterize the coagulation proteins in detail throughout the 1960s and '70s, and subsequently isolated, sequenced, and expressed the genes for these clotting factors. For his many critical achievements, Dr. Davie has been widely acclaimed and has received numerous international awards. He is a member of the US National Academy of Science and is a Professor of Biochemistry at the University of Washington in Seattle.



**Charles Esmon's** groundbreaking research has uncovered mechanisms that control the process of blood clotting and the links between the control of blood clotting and inflammation. He has made numerous seminal physiologically key discoveries, particularly involving the protein C anticoagulant pathway and the impact of perturbations of this pathway on the acute inflammatory response such as occurs in severe sepsis. Dr. Esmon is a Howard Hughes Investigator, and Member of Oklahoma Medical Research Foundation. He holds the Lloyd Noble Chair in Cardiovascular Research and is a member of the Coagulation Biology Laboratory at the Oklahoma Medical Research Foundation. He is also an Adjunct Professor of Biochemistry and Pathology at the University of Oklahoma Health Sciences Center.

**David Ginsburg** has dedicated his career to understanding the clotting system and how it maintains its delicate balance. He has identified several genes in the clotting pathway and characterized the causes of a variety of inherited versions of coagulation diseases, which together afflict millions of people. Dr. Ginsburg is a Howard Hughes Medical Institute Investigator at the University of Michigan. He is also the James V. Neel Distinguished University Professor of Internal Medicine and Human Genetics, Warner-Lambert/Parke-Davis Professor of Medicine, and a member of the Life Sciences Institute at the University of Michigan Medical School.





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**Program**

Chair – **Edward M. Conway**, MD, PhD

- 8:30 - 8:45 **Ross MacGillivray**, PhD, Opening Remarks
- 8:45 - 9:15 **Shannon Jackson**, MD, Director of BC Provincial Hemophilia Program, *"Prophylaxis for adult hemophilia: From primary to personalized"*
- 9:15 - 9:30 **Tyler Smith**, MD, Clinical Trainee in Hematopathology, UBC, *"Coagulation laboratory testing in the era of new oral anticoagulants"*
- 9:30 -10:00 **Hugh Kim**, DDS, PhD, *"Inflammation and cytokine signaling: regulation by the platelet cytoskeleton"*
- 10:00 -10:15 **Michael Krisinger**, PhD, Research Associate, UBC, *"Complement-coagulation Connections"*
- 10:15 -10:45 Coffee break and posters
- 10:45 -11:15 **Chris Overall**, PhD, Professor of Dentistry, UBC, Canada Research Chair in Metalloproteinase Proteomics, *"Proteomic Analysis of Inflamed Tissues Reveals New Complement Cleavage Products and Functions in vivo"*
- 11:15 -12:00 **Charles T. Esmon**, PhD, Howard Hughes Scientist, Professor of Biochemistry, University of Oklahoma, *"Hype about histones in infections and inflammation"*
- 12:00 -12:30 "Shot-gun" talks
- 12:30 - 1:45 Buffet lunch and posters
- 1:45 - 2:15 **Diane Nugent**, MD , Director of Hematology, University of California Irvine Medical School *"Factor XIII in wound healing and hemostasis"*
- 2:15 – 2:30 **Michael Hughes**, PhD, Research Associate, UBC, *"Neutrophils: The shooting stars of innate inflammation"*
- 2:30 - 3:00 **José Lopez**, MD, PhD, Puget Sound Blood Center, Seattle, *"Regulation of von Willebrand factor self-association and activity"*
- 3:00 - 3:20 Coffee and posters
- 3:20 - 3:35 **Ashley Hilchie**, PhD, UBC, *"Designing multifaceted peptides to combat infections"*
- 3:35 - 4:20 **David Ginsburg**, MD, PhD, Howard Hughes Scientist, Professor of Medicine, University of Michigan *"Infectious diseases, coagulation and fibrinolysis"*
- 4:20 - 4:40 Closing remarks
- 4:40 - 6:00 Refreshments and Poster Awards