Interactions at the blood-material interface: reflections and reminiscences.
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Abstract
First I want to thank Professors Kyla Sask and Hong Chen for their initiative and efforts in organizing this workshop. I am greatly honoured to be seen, in a sense, as the “motivation” for the inclusion of a session at the WBC (in Glasgow, where it all began for me) on the topic of blood-material interactions, a topic on which I have spent by far the greatest part of my scientific career. In this brief presentation I will look back on what I see as some of the highlights of my work, which has focused on the role of protein adsorption in coagulation and thrombosis provoked by blood-material contact, and on the exploitation/control of protein interfacial behaviour towards a solution to these problems. It should be acknowledged that any success which may be attributed to me must be shared with a long list of collaborators to whom I am most grateful and much indebted.

Biography
John Brash is a Distinguished University Professor of McMaster University. His main interest is in biomaterials and biocompatibility with emphasis on materials for use in blood contact. Both mechanistic and materials development work have been pursued. The behaviour of proteins at the blood-material interface has been an important underlying theme. Collaborative research has been carried out with laboratories in Canada, China, USA, France, Sweden and Australia. He is a Fellow of the Royal Society of Canada (2004) and recipient of the Clemson Award for Basic Research (1994) and the Founders Award (2009), US Society for Biomaterials; the C.P. Sharma Award, Indian Society for Biomaterials and Artificial Organs (2016); and the Lifetime Achievement Award, Canadian Biomaterials Society (2016).