Date: 4th November 2016

Speaker: Professor Bernhard Ganss, Faculty of Dentistry, University of Toronto, Canada

Biography: 2015 – Present University of Toronto, Faculty of Dentistry: Interim Associate Dean (Research), Faculty of Dentistry, University of Toronto

2008 – 2014 University of Toronto, Faculty of Dentistry: Vice-Associate Dean (Research), Faculty of Dentistry, University of Toronto

2010 – present University of Toronto, Faculty of Dentistry: Co-ordinator of an international undergraduate summer research student exchange Program between the Faculty of Dentistry, University of Toronto and the University of Würzburg, Germany

Title: Beyond enamel maturation: new proteins for mineralization and dentogingival attachment

Aims and Objectives:

This talk summarises our research that identified amelotin (AMTN) as a novel protein specifically expressed during enamel maturation and identified a role as critical regulator of enamel mineralization. It further describes the interactions of AMTN and other proteins at the junctional epithelium and offers a novel molecular model for dentogingival attachment.