

OPHTHALMOLOGY RESEARCH DAY 2009

Four Points Sheraton – Bristol C Ball Room

Wellington Road - London, Ontario

Friday, November 6, 2009

PROGRAM

8:30 a.m.	Registration - Four Points Sheraton Bristol C Ball Room	10:50 a.m.	Intrastromal versus Topical Moxifloxacin in a New Zealand White Rabbit Keratitis Model - <u>T. Chan MD</u> , L. Allen MD
9:00 a.m.	Welcome - Dr. C. Hutnik Chair, Research	11:00 a.m.	Aqueous Fluid Levels of Moxifloxacin Following Intrastromal Injection in the Rabbit Model - <u>J. Giroux MD</u> , R. Mather MD, L. Allen MD
Moderator – Dr. C. Hutnik			
9:10 a.m.	CCTV versus Eccentric Viewing in AMD - <u>J. Baryla MD</u> , W. Hodge MD	11:10 a.m.	The Relationship Between Retinal Hemodynamic and Systemic Markers of Endothelial Function and Inflammation in Type 2 Diabetes – <u>C. Hudson PhD</u> , L-A. Khuu BSc(Hons)
9:20 a.m.	Inhibitory Effect of Cx43 on Oxidative Stress Induced VEGF Expression in Human Retinal Pigment Epithelial Cells - <u>S. Khimdas BSc (Hon)</u> , C. Hutnik MD	11:20 a.m.	Multi-Parameter Ocular Phenotyping in a Novel Memantine-Treated Mouse Model of Retinal Degeneration – <u>T.</u> <u>MacPherson MSc Student</u> , C. Hutnik MD, K. Hill PhD
9:30 a.m.	Role of Mechanical Adaptation in the Contact Lens Related Dry Eye Symptoms – <u>J. Chen MSc</u> , T. Simpson PhD	11:30 a.m.	Retinal Degeneration in Harlequin Carrier Mice: Functional Deficits in Advance of Structural Loss – <u>A. Laliberte</u> <u>MSc Student</u> , C. Hutnik MD, K. Hill PhD
9:40 a.m.	A Review of the Incidence of Failure in DSAEK (Descemets Stripping Automated Endothelial Keratoplasty) in Southwestern Ontario - <u>S. Shukla MD</u> , W. Hodge MD	11:40 a.m.	The Utility of Dacryoscintigraphy in the Diagnosis and Treatment of Functional Nasolacrimal Duct Obstruction – <u>J. Kent MD</u> , L. Allen MD
9:50 a.m.	Isolation and Characterization of a Primary Culture of Bovine Trabecular Meshwork Cells Under Conditions of Oxidative Stress - <u>M. Feng</u> , C. Hutnik MD	11:50 a.m.	A Needs Assessment of Ophthalmology Teaching in Undergraduate Medical Education and Family Medicine Residency – <u>E. Lee</u> , C. Hutnik MD
10:00 a.m.	Effect of Various Topical Steroid Formulations on Myocilin Protein Expression in Trabecular Meshwork Cells - <u>A. Kosaric MD</u> , C. Hutnik MD	12:00 p.m.	LUNCH
10:10 a.m.	Determination of Albumin Sorption to Intraocular Lenses by Radiolabeling and Confocal Scanning Laser Microscopy - <u>D. Luensmann Dipl.Ing (AO)</u> , L. Jones PhD	1:00 p.m.	GUEST SPEAKER Patterns of Ocular and Adnexal Inflammation in Inflammatory Skin Diseases – <u>J. Heathcote PhD, FRCPC</u>
10:20 a.m.	BREAK	1:30 p.m.	Collagen Expression in the Injured and Diseased Eye - <u>J. Ho BHSc(Hons)</u> , A. Brown PhD, C. Hutnik MD
10:40 a.m.	Low-Literacy Written Patient Education Materials - <u>K. Visscher MScBMC</u> , C. Hutnik MD	1:40 p.m.	A Systematic Review of Glaucoma Screening Technology - <u>K. Warrian MD</u> , W. Hodge MD

1:50 p.m. Characterization of the Effects of Lacritin on Human Corneal Epithelial Cells Exposed to Benzyalkonium Chloride - N. Ashki PhD, C. Hutnik MD

2:00 p.m. Long Term Outcomes in Retinopathy of Prematurity – A Southwestern Ontario Experience - A. Pirbhai MD, S. Sharan MD

2:10 p.m. Modeling the Flow and Fate of Ocular Drugs Using Micro-CT – C. Smith MEdSc Candidate, T. Newson PhD, C. Hutnik MD, K. Hill PhD

2:20 p.m. The Influence of Near Adds on the Ocular Motor Responses of Myopic Children - V. Sreenivasan MSc, E. Irving OD, W. Bobier OD

2:30 p.m. “Real-time” obstacle avoidance in the absence of primary visual cortex - C. Striemer PhD, M. Goodale, PhD

2:40 p.m. Natural History of Conservatively Managed Patients with Non-functional Pituitary Macroadenoma – W.H.A. Ryu MSc, N. Duggal MD

2:50 p.m. BREAK AND JUDGING

3:10 p.m. Presentation of the Dr. C. A. Thompson Award and Allergan Research Day Award for Outstanding Research Day Presentation by a Resident – C. Hutnik MD

Presentation of the Merck Frosst Undergraduate Medical Student Award – C. Hutnik MD

Presentation to Guest Judges – C. Hutnik MD

3:30 p.m. Adjournment – C. Hutnik MD

GUEST SPEAKER
J. G. Heathcote M.A., M.B. B.Chir., (Cantab.), Ph.D. (Manchester), FRCPC
Professor and Head, Department of Pathology
Professor, Department of Ophthalmology & Visual Sciences, Dalhousie University
Head and District Chief, Department of Pathology and Laboratory Medicine, Queen Elizabeth II Health Sciences Centre and Capital District Health Authority. Halifax, Nova Scotia

RESIDENT RESEARCH PROJECT FACILITATORS
Dr. P. Hooper
Dr. W. Hodge
Dr. C. Hutnik

JUDGES
Dr. J.G. Heathcote
Dr. I. Makar
Dr. V. Han

LEARNING OBJECTIVES

- To provide the audience with information regarding current clinical, educational and basic science research in Ophthalmology
- To update knowledge on new research techniques
- This one day event will be of interest to ophthalmologists, optometrists and allied health personnel

STUDY CREDITS
This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of The Royal College of Physicians and Surgeons of Canada. This program has been reviewed and approved by Continuing Medical Education, Schulich School of Medicine and Dentistry, The University of Western Ontario.

Ophthalmology Research Day 2009 is organized by the Ophthalmology Research Committee -
Dr. C.M.L Hutnik - Chair
Dr. W.G. Hodge
Dr. T.G. Sheidow

Each session will provide sufficient time for participant interaction to meet RCPSC guidelines.

REGISTRATION FORM – OPHTHALMOLOGY RESEARCH DAY – FRIDAY, NOVEMBER 6, 2009

Name: _____ Telephone: _____

Mailing Address: _____ E-Mail _____

Ophthalmologist: _____ Optometrist _____ Allied Health _____ Other _____

I will attend the luncheon Yes _____ No _____ (Please let us know if you have any dietary restrictions)

Note: You will **NOT** be receiving written acknowledgement of your registration.

PLEASE RETURN REGISTRATION FORM BY MONDAY, OCTOBER 26, 2009 TO
Laurie Dawe, Ivey Eye Institute, St. Joseph’s Health Care, London, Ontario N6A 4V2

Telephone: 519-646-6100 Ext. 65642 Fax: 519-646-6248 Email: Laurie.Dawe@sjhc.london.on.ca