

OPHTHALMOLOGY RESEARCH DAY 2024

Ivey Spencer Leadership Centre

PROGRAM

8:30 a.m.	Registration	11:15 a.m.	<u>Medical Student – William Herspiegel</u> Effect of suture ripcord on outflow resistance of an in-vitro SIBS microshunt suture occlusion model
9:00 a.m.	Welcome – Dr. Cindy Hutnik & Dr. Monali Malvankar <u>Moderator– Dr. Lulu Bursztyn</u>	11:30 a.m.	LUNCH
9:10 a.m.	<u>Guest Speaker – Dr. Subrata Chakrabarti</u> <u>Decoding RNA(s) in Search of a Cure for Diabetic Retinopathy</u> Objectives: By the end of this session participants will be able to discuss: <ul style="list-style-type: none"> • Specific pathogenetic mechanisms of diabetic retinopathy • Alteration and significance of specific microRNA(s) in diabetic retinopathy • Alteration and significance of specific long non-coding RNA(s) in diabetic retinopathy • Alteration and significance of specific circular RNA(s) in chronic diabetic retinopathy 	12:30 p.m.	Welcome and Call to Order <u>Moderator – Dr. Yiannis Iordanous</u>
9:40 a.m.	<u>Dr. James Armstrong - PGY 3</u> In vitro evaluation of Rho kinase inhibitors to limit reductions in outflow capacity within the subconjunctival filtration bleb	12:35 p.m.	<u>Guest Speaker – Dr. Amit Garg</u> <u>Pragmatic Trials: A Tool for Providing Evidence-Based Care</u> Objectives: <ul style="list-style-type: none"> • To identify the difficulties of conducting large, randomized trials in the traditional way • To recognize the potential provided by pragmatic trials
9:55 a.m.	<u>Medical Student – Khaldon Abbas, Research Fellow</u> Investigating barriers and experiences with ophthalmology referrals amongst optometry clinics: A quality assessment study	1:05 p.m.	<u>Dr. Maxwell Gelkopf – PGY4</u> Expedited Ophthalmic Care, A Quality Improvement Proposal for the Urgent Eye Clinic
10:10 a.m.	<u>Dr. Gaya Sivakumar - PGY 5</u> Gender biases and mistreatment in the workplace: Experiences of the Canadian ophthalmologist	1:20 p.m.	<u>Medical Student – Hamza Inayat</u> Perceptions on Leadership in Ophthalmology: Exploring the Role of Character-Based Leadership
10:25 a.m.	BREAK	1:35 p.m.	<u>Dr. Lucas Foster – PGY3</u> Referral characteristics associated with positive temporal artery biopsy results: a retrospective, multicenter cohort study
10:45 a.m.	<u>Medical Student, Rose Li</u> Optimizing Treatment for Optic Disc Pit Maculopathy: A Systematic Review and Meta-Analysis	1:50 p.m.	BREAK
11:00 a.m.	<u>Dr. Amy Basilious - PGY2</u> Outcomes of 16-Week Extension of Anti-VEGF Therapy in Patients with nAMD	2:10 p.m.	<u>Dr. Richard Zhang - PGY1</u> Exploring the possible role of AI-generated fundus photos in medical education
		2:25 p.m.	<u>Dr. Gaya Sivakumar - PGY5</u> The role of cadaveric models in ophthalmic surgical training
		2:40 p.m.	Judging /Completion of evaluation forms
		2:50 p.m.	Presentation to Judges
		2:55 p.m.	Awards

At least 25% of this program is dedicated to participant interaction.

LEARNING OBJECTIVES

Critically appraise current clinical, educational and basic science research in Ophthalmology
Discuss the research presentations and reflect on potential implications for patient care.

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, and approved by Continuing Professional Development, Schulich School of Medicine & Dentistry, Western University. You may claim a maximum of 3.75 hours (credits are automatically calculated).

Each participant should claim only those hours of credit that he/she actually spent participating in the educational program.

GUEST SPEAKERS

Dr. Subrata Chakrabarti, MBBS, PhD, FRCP(C)

Distinguished University Professor, Department of Pathology and Laboratory Medicine, Western University,
Pathologist, Department of Pathology and Laboratory Medicine, London Health Sciences Centre

Dr. Amit Garg, M.D., PhD

Associate Dean, Clinical Research, at the Schulich School of Medicine & Dentistry, Western University
Professor of Medicine and Epidemiology and Biostatistics at Schulich Medicine & Dentistry
Nephrologist, Department of Medicine – Division of Nephrology, London Health Sciences Centre,
Scientist, Lawson Health Research Institute and ICES

JUDGES

Dr. Amit Garg, Dr. Bo Li, Dr. Ian McIlraith