Neurovascular and Immunological Components of Ophthalmic Disease:
Current Concepts and Emerging Treatment Strategies
Saturday, May 19, 2018

Online Registration accepted through May 11, 2018
To register after May 11th please contact the Office of Continuing Medical Education 708-216-3236
Registration fee is non-refundable

Course Director: Bruce I. Gaynes, OD, PharmD
Planning Committee: Charles S. Bouchard, MD, MA
Simon Kaja, PhD
Evan Stubbs, PhD

Sponsored by:
Loyola University Chicago Stritch School of Medicine
Division of Continuing Medical Education and
Loyola University Health System, Department of Ophthalmology

ACCREDITATION:
The Loyola University Stritch School of Medicine is accredited by the Accreditation council for Continuing Medical Education to provide continuing medical education for physicians.

The Loyola University Chicago Stritch School of medicine designates this live activity for a maximum of 5.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses and other health professionals will receive a Certificate of Attendance. For information on applicability and acceptance, please consult your professional licensing board.

Loyola University of Chicago is an Equal Opportunity Educator and Employer.

CONFERENCE LOCATION
Loyola University Chicago Stritch School of Medicine
John & Herta Cuneo Center – Tobin Hall
2100 S. First Avenue
Maywood, IL

TARGET AUDIENCE
This activity will bring together professionals with both basic science and clinical backgrounds for the purpose of discussing emerging treatment options for glaucoma, ocular inflammation and diabetic retinopathy.

PROGRAM DESCRIPTION
This seminar brings together established thought leaders to discuss emerging research and clinical management strategy for the most prevalent forms of ophthalmic disease. The course format includes stimulating speaker presentations followed by interactive speaker-panel discussion sessions in which audience participation is encouraged.
CURRICULAR GOALS AND OBJECTIVES
Describe the magnitude of the problem of neurovascular issues and the economic impact they may have.

Upon completion of this activity, participants should be able to:
- State the prevalence of neurovascular disease.
- Incorporate screening tools for identifying patients at high risk for neurovascular problems.
- Review those problems in the adult population.

Review treatment options of neurovascular disease.

Upon completion of this activity, participants should be able to:
- Evaluate the role of different medical devices to help treat neurovascular issues.
- Identify patients who are eligible for alternate medical options treating neurovascular issues.
- Review the relationship between neurovascular disease and stroke.

Identify novel clinical management strategy for neurovascular ophthalmic disease with focus on emerging pharmacotherapeutic entities.

Upon completion of this activity, participants should be able to:
- Describe emerging mechanisms associated with glaucoma, diabetic retinopathy and ocular inflammation.
- Expand knowledge about evolving pharmacotherapies
- Identify translational research opportunities as applied to current disease pathobiology.

COMPETENCIES ADDRESSED
This educational event will address the following competencies: patient care, medical knowledge, practice-based learning, interdisciplinary team skills, system-based practices, and information technology skills.

SPECIAL NEEDS
We welcome all registrants to this activity. If you need special accommodations in order to participate, we will try to provide for your needs. Please submit a written request one month prior to the course to receive service.

ADDITIONAL INFORMATION
Contact the Division of CME during business hours. Phone (708) 216-3236 or (800) 424-4850 or by Fax: (708) 216-5845. For other CME offerings, please visit our website at http://ssom.luc.edu/cme and click on events.
PROGRAM AGENDA

7:30am
Registration and Continental Breakfast

7:55am
**Welcome and Introduction**
Bruce I. Gaynes, OD, PharmD

8:00am
**Mechanisms of Vision Loss in an Animal Model of Diabetic Retinopathy**
Alistair J. Barber, Ph.D.
Penn State Hershey Eye Center

8:35am
**Inflammatory Resolution and Vascular Restoration in Diabetic Retinopathy**
Steven F. Abcouver, Ph.D.
University of Michigan Kellogg Eye Center

9:10am
**Management Recommendations for Diabetic Retinopathy: Findings of the DRCR Network**
Mathew W. MacCumber, MD, Ph.D.
Department of Ophthalmology, Rush University

9:45am
**Panel Discussion**

10:15
**Break**

10:30am
**The Relationship between Effective Filtration Area and Outflow Facility/IOP**
Haiyan Gong, MD, Ph.D.
Boston University Medical Center

11:05am
**New Therapies for Optic Nerve Disease**
Steven L. Bernstein, MD, Ph.D.
University of Maryland

11:40am
**Questions & Answers**

12:00pm
**Lunch and Poster Sessions**

1:00pm
**Preferred Practice for the Care of Patients with Uveities**
C. Stephen Foster, MD, FACS, FACR
Massachusetts Eye Research and Surgery Institution

1:35pm
**The Role of the Intestinal Microbiome in Uveitis**
Phoebe Lin, MD, Ph.D.
Oregon Health and Science University

2:10pm
**Questions & Answers**

2:30
**Closing Remarks/Program Evaluation and Assessment**
GUEST SPEAKERS

Steven F. Abcouver, PhD
Research Associate Professor,
Ophthalmology and Visual Sciences
University of Michigan Kellogg Eye Center
Ann Arbor, MI

Alistair J. Barber, PhD
Associate Professor of Ophthalmology
Cellular & Molecular Physiology and
Neural Behavioral Science
Penn State Hershey Eye Center
Hershey, PA

Steven L. Bernstein, MD, PhD
Professor of Ophthalmology and Vice Chair, Research Chief, Lab of Molecular Research
University of Maryland
Baltimore, MD

Haiyan Gong, MD, PhD, FARVO
Professor of Ophthalmology, Anatomy and Neurobiology
Boston University Medical Center
Boston, MA

Phoebe Lin, MD, PhD
Assistant Professor of Ophthalmology
School of Medicine
Oregon Health and Science University
Portland, OR

Mathew W. MacCumber, MD, PhD
Professor and Associate Chairman for Research
Department of Ophthalmology, Rush University
Chicago, IL

C. Stephen Foster, MD, FACS, FACR
Founder and President
Massachusetts Eye Research and Surgery Institution
Waltham, MA

Loyola University Chicago Stritch School of Medicine
Loyola University Health System Faculty
Department of Ophthalmology

Course Director
Bruce I. Gaynes, OD, PharmD, Assistant Professor

Program Planning Committee
Charles S. Bouchard, MD, MA, Professor and Chairman
Simon Kaja, PhD, Assistant Professor
Evan Stubbs, PhD, Professor

Pre-registration is required for the course and your response is requested no later than Friday, May 11h to secure your reservation and availability of course material for this conference. Office of Continuing Medical Education 708 216-3236 during business hours M-F 8:00 am – 4:30 pm.

Registration fee includes program material, continental breakfast, and lunch.
REGISTRATION IS REQUIRED

Registration fee is non-refundable

Neurovascular and Immunological Components of Ophthalmic Disease: “Current Concepts of Emerging Treatment Strategies” – Saturday, May 19, 2018

☐ Physicians/Neurologists $85
☐ Neurology Fellows/Residents/Nurses/Techs/Medical Students $25
☐ Loyola Ophthalmology Physicians/Staff/Residents/Medical Students fee waived

To register online with credit card visit our CME web site at: http://ssom.luc.edu/cme and http://ssom.luc.edu/cme/events/upcomingevents/click on events. Online registration will close on May 11th. Phone registration will be taken after this date.

If you do not wish to register online:
FAX your registration with complete credit card information to (708) 216-5845 or
Mail completed registration form with payment to:

Loyola University Chicago Stritch School of Medicine
Office of Continuing Medical Education
2160 S. First Ave., Bldg. 120, Rm 400, Maywood, IL 60153

Name__________________________

Degree (MD, DO, PhD, etc.)__________________________

Specialty__________________________

Hospital, School, or other Affiliation ________________________________

Address_____________________________________________________

City__________________________State__Zip________________________

E-mail address ________________________________
(Your confirmation packet will be e-mailed to this address. Please adjust your settings so you receive e-mails from the luc.edu domain.)

Daytime Phone__________________________Fax_____________________

Select method of payment:

☐ Check, make checks payable to: Loyola University Chicago - CME
☐ MasterCard ☐ Visa ☐ Discover ☐ American Express

Account Number ________________________________

Expiration Date ________________________Billing Zip Code __________

Signature __________________________________________

What do you plan to gain from attending this activity? __________________________________________

Identify presentation specifics that will address your needs: __________________________________________

__________________________________________