

*What's New in Diabetic Retinopathy and Venous Occlusive Disease*

*November 20, 2009  
Baltimore, Maryland*



Office of Continuing Medical Education  
The Johns Hopkins University School of Medicine  
Turner 20  
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Baltimore, Maryland 21205-2195

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**THE RETINA DIVISION**



*The*  
**Wilmer Eye Institute**  
*at the Johns Hopkins University  
School of Medicine*

# **What's New in Diabetic Retinopathy**

## **and Venous Occlusive Disease**

***November 20, 2009***

Thomas B. Turner Building  
The Johns Hopkins University  
School of Medicine  
Baltimore, Maryland



Presented by  
***The Johns Hopkins University  
School of Medicine***

## Description

Approximately 4.0 million Americans age 40 and older have diabetic retinopathy, including almost 1.0 million who have vision-threatening disease, such as macular edema. Diabetic retinopathy and related diseases such as retinal vein occlusions remain leading and growing causes of blindness in adults who make up the work force. Despite this, diabetic retinopathy and venous occlusive disease are often under-diagnosed and under-treated. This annual activity highlights new information being reported by the Diabetic Retinopathy Clinical Research Network and others that impacts current standard care and management strategies.

## Who Should Attend

This activity is intended for Ophthalmologists, Retina Specialists, Residents, Fellows and Eye Care Professionals

## Objectives

After attending this activity, the participant will demonstrate the ability to:

1. Summarize evidence of relation of diabetic control to incidence and severity of retinopathy
2. Determine which patients are appropriate for laser treatment
3. Diagnose diabetic macular edema, severe non-proliferative retinopathy, and high risk proliferative diabetic retinopathy
4. Be familiar with new experimental treatment options

## Program • Friday, November 20, 2009

7:30 - 7:55 Registration, Continental Breakfast and Exhibits

7:55 - 8:00 **Welcome and Introduction**  
Peter McDonnell, MD

8:00 - 8:05 **Conference Goals**  
Sharon Solomon, MD

### Update on the Pathophysiology and Treatment of Macular Edema

*Moderator:* Sharon Solomon, MD

8:05 - 8:25 **From the ETDRS to the DRCR.net:  
Laser Photocoagulation and Diabetic Macular Edema**  
Sharon Solomon, MD

8:25 - 8:45 **Management of Persistent Diabetic Macular Edema  
after Laser**  
Neil Bressler, MD

8:45 - 9:05 **What is the Role of Anti-VEGF Agents for  
Diabetic Macular Edema?**  
Quan Dong Nguyen, MD, MSc

9:05 - 9:25 **Is There a Role for Vitrectomy for  
Diabetic Macular Edema?**  
Adrienne Scott, MD

9:25 - 10:05 Refreshment Break and Exhibits

10:05 - 11:05 **Putting It All Together:  
Managing Diabetic Macular Edema Cases in 2009**  
Retina Faculty

### Medical Management of Diabetes

*Moderator:* Susan Bressler, MD

11:05 - 11:25 **The Metabolic Syndrome and the Prevention of Diabetes**  
Simeon Margolis, MD, PhD

11:25 - 11:45 **Diabetes Medical Management in 2009**  
Christopher Saudek, MD

11:45 - 12:00 **Ophthalmologists' Understanding of the  
Diabetes Control and Complications Trial (DCCT)**  
Susan Bressler, MD

12:00 - 12:15 **Lessons Learned From Peribulbar Steroid Injections for  
Diabetic Macular Edema and Other Issues from  
DRCR Network**  
Emily Chew, MD

12:15 - 1:15 Lunch with Retina Faculty

## Accreditation Statement

The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

## Credit Designation Statement

The Johns Hopkins University School of Medicine designates this educational activity for a maximum of 7.0 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

## Policy on Speaker and Provider Disclosure

It is the policy of The Johns Hopkins University School of Medicine that the speaker and provider disclose real or apparent conflicts of interest relating to the topics of this educational activity, and also disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentation(s). The Johns Hopkins University School of Medicine OCME has established policies in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the activity handout materials.

### Management of Non-Proliferative and Proliferative Diabetic Retinopathy

*Moderator:* Morton Goldberg, MD

1:15 - 1:35 **PRP: New Knowledge on a Time-Honored Approach**  
Ingrid Zimmer-Galler, MD

1:35 - 1:55 **Is There a Role for Anti-VEGF Drugs in  
Proliferative Diabetic Retinopathy?**  
Diana Do, MD

1:55 - 2:15 **Vitrectomy for Proliferative Diabetic Retinopathy**  
Peter Gehlbach, MD, PhD

### Venous Occlusive Disease

*Moderator:* Howard Ying, MD, PhD

2:15 - 2:30 **Why Isn't a Medical Work-up Indicated for  
Venous Occlusive Disease?**  
Howard Ying, MD, PhD

2:30 - 2:45 **Laser Management of Venous Occlusive Disease**  
Daniel Finkelstein, MD

2:45 - 3:15 Refreshment Break and Exhibits

3:15 - 3:35 **Anti-VEGF Drugs for Venous Occlusive Disease**  
Peter Campochiaro, MD

3:35 - 3:55 **Steroids (SCORE Study)**  
Jennifer Sung, MD

3:55 - 4:15 **Intravitreal Injection Techniques**  
Henry Wiley, MD

4:15 - 4:55 **Case Presentations**  
Retina Faculty

4:55 - 5:00 **Closing Remarks**  
Sharon Solomon, MD

5:00 Adjourn – Please complete and return the Evaluation and Credit Report Forms

*The Johns Hopkins University School of Medicine takes responsibility for the content, quality and scientific integrity of this CME activity.*

*This schedule is subject to change.*



# What's New in Diabetic Retinopathy and Venous Occlusive Disease

## Speakers

### Retina Division Wilmer Eye Institute

#### Activity Director

**Sharon Solomon, MD**

*Katharine M. Graham Professorship  
Assistant Professor of  
Ophthalmology*

#### Activity Co-Director

**Neil Bressler, MD**

*James P. Gills Professor of  
Ophthalmology  
Chief, Retina Division*

#### Guest Speakers

**Emily Chew, MD**

*Deputy Director  
Division of Epidemiology and  
Clinical Research  
National Eye Institute  
Bethesda, Maryland*

**Henry Wiley, MD**

*Staff Clinician  
Division of Epidemiology and  
Clinical Applications  
National Eye Institute  
Bethesda, Maryland*

#### Johns Hopkins Speakers

**Susan Bressler, MD**

*Julia G. Levy, PhD Professor of  
Ophthalmology*

**Peter J. McDonnell, MD**

*Director, Wilmer Eye Institute*

**Peter Campochiaro, MD**

*George S. and Dolores Doré Eccles  
Professor of Ophthalmology and  
Neuroscience*

**Quan Dong Nguyen, MD, MSc**

*Associate Professor of  
Ophthalmology*

**Diana Do, MD**

*Assistant Professor of  
Ophthalmology*

**Christopher Saudek, MD**

*Professor of Medicine and Director,  
Comprehensive Diabetes Clinic*

**Daniel Finkelstein, MD**

*Professor of Ophthalmology*

**Adrienne Scott, MD**

*Assistant Professor of  
Ophthalmology*

**Peter Gehlbach, MD, PhD**

*Associate Professor of  
Ophthalmology*

**Jennifer Sung, MD**

*Assistant Professor of  
Ophthalmology*

**Morton Goldberg, MD**

*Joseph E. Green Professor of  
Ophthalmology  
Former Director,  
Wilmer Eye Institute*

**Howard Ying, MD, PhD**

*Assistant Professor of  
Ophthalmology*

**Simeon Margolis, MD, PhD**

*Professor of Medicine and of  
Biological Chemistry*

**Ingrid Zimmer-Galler, MD**

*Associate Professor of  
Ophthalmology*

## General Information

### Registration

Friday, November 20, 2009  
7:30 - 7:55 AM

### Location

Thomas B. Turner Building  
The Johns Hopkins University School of Medicine  
720 Rutland Avenue  
Baltimore, Maryland 21205

The Turner Building is located on Rutland Avenue at Monument Street. Directions and campus parking information are available on our website under the contact and travel section at [www.HopkinsCME.edu](http://www.HopkinsCME.edu). Handicapped parking is available in the nearby Rutland Garage. Johns Hopkins is smoke-free.

### Fees

**REGISTRATION CUT-OFF DATE: November 15, 2009**

**Methods of Payment:** Payment by check or credit card must accompany the registration form prior to the activity. On-site payments by credit card only. Foreign payments must be by credit card or with a U.S. Dollar World Money Order. The registration fee includes instructional materials, continental breakfast, refreshment breaks and lunch.

Early-bird fees	Before October 2:	After October 2:
Ophthalmologists.....	\$275	\$325
Residents* / Fellows* /		
Allied Health Professionals.....	\$175	\$225
*with verification of status		

You will receive a confirmation by e-mail if you have provided your e-mail address. Otherwise confirmation will be sent by mail. If you have not received it by November 15, 2009 call (410) 502-9634 to confirm that you are registered.

Certificates of attendance will be mailed by January 4, 2010.

The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee but is not responsible for travel expenses. Additionally, we reserve the right to change the venue to a comparable venue. Under such circumstances registrants will be notified as soon as possible.

### Late Fee and Refund Policy

A \$50 late fee applies to registrations received after 5:00 p.m. EST on November 15, 2009. A handling fee of \$50 will be deducted for cancellation. Refund requests must be received by fax or mail by November 15, 2009. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins conference in lieu of cancellation is not possible.

### Hotel and Travel Information

We strongly encourage you to book your accommodations at the Renaissance Harborplace Hotel, which is the conference headquarters hotel. The Johns Hopkins Office of CME makes every effort to secure the best rate for overnight accommodations. The rate is part of a negotiated conference package that incorporates many services. By staying at the host hotel and booking within the room block, you help us maintain current conference benefits and keep future registration fees reasonable. Please consider this when making your overnight accommodations decision.

Renaissance Harborplace Hotel  
202 East Pratt Street  
Baltimore, Maryland

Phone: (800) 468-3571  
or (410) 547-1200  
FAX: (410) 539-5780

**November 20, 2009**

**HOTEL RESERVATION CUT-OFF DATE: OCTOBER 29, 2009**

The Renaissance Harborplace Hotel is part of the waterfront complex of Harborplace, and only steps away from the many attractions of Baltimore's Inner Harbor. Register online at [www.renaissancehotels.com/BWISH](http://www.renaissancehotels.com/BWISH), "reserve a room" and use course code JOHJOHA or call the hotel directly. Specify that you are attending the **Johns Hopkins Diabetic Retinopathy** course to receive the special room rate of \$179, single or double, plus tax. The Hotel will provide taxi reimbursement for travel to and from the conference. Please present your receipt to the hotel front desk. On-site parking is available at the hotel at an additional charge. Check-in time is 4:00 p.m.

Call United Airlines at (800) 521-4041 for discounted rates and refer to Meeting ID Number 549TJ.

**Emergency Calls**

On the day of this activity only, Friday, November 20, 2009 direct emergency calls to the Hopkins registration desk, (410) 955-3673. Messages will be posted for participants.

**Americans with Disabilities Act**

The Johns Hopkins University School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof. Please notify us if you have any special needs.

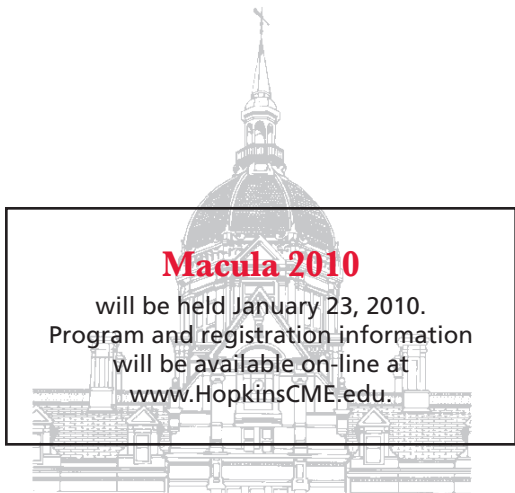
**To Register or for Further Information**

Register Online	<a href="http://www.HopkinsCME.edu">www.HopkinsCME.edu</a>
Register by Phone (credit card only)	(410) 502-9634
Register by Fax	(866) 510-7088
Confirmation/Certificates	(410) 502-9634
General Information	(410) 955-2959
E-mail the Office of CME	<a href="mailto:cmenet@jhmi.edu">cmenet@jhmi.edu</a>

For general information, the direct link for this CME activity web page is: <http://www.hopkinscme.edu/CourseDetail.aspx/80021039>

**Acknowledgement**

Applications for commercial support from health care related industries are pending. A complete list of contributors will be provided in the syllabus.



**Macula 2010**  
will be held January 23, 2010.  
Program and registration information  
will be available on-line at  
[www.HopkinsCME.edu](http://www.HopkinsCME.edu).

**Registration Form**

Course Number 80021039

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**To Register: Online:** [www.HopkinsCME.edu](http://www.HopkinsCME.edu) **By fax:** (866) 510-7088  
**By phone (credit card only):** (410) 502-9634

Or mail this form to The Johns Hopkins University, Office of Continuing Medical Education, P.O. Box 64128, Baltimore, Maryland 21264-4128. Include check payable to **HOPKINS/80021039** or include credit card information below.

**PAYMENT MUST ACCOMPANY FORM TO CONFIRM YOUR REGISTRATION.**

Please type or print clearly:

last name first name middle initial

primary degree (for name badge) primary specialty

preferred mailing address

city state ZIP + 4 code country

daytime telephone fax number

e-mail \_\_\_\_\_

You will receive confirmation notice by e-mail if you provide your e-mail address.

Check here if you wish to receive e-mail and/or fax notices about upcoming CME activities.

What do you hope to learn by attending this activity?

Please notify us if you have any special needs.

**Registration Fees:**

<b>Early-bird fees</b>	<b>Before October 2:</b>	<b>After October 2:</b>
<input type="checkbox"/> Ophthalmologists.....	\$275 .....	\$325
<input type="checkbox"/> Residents* / Fellows* / Allied Health Professionals.....	\$175 .....	\$225

\*with verification of status

For registrations received after 5:00 p.m. EST on November 15, 2009, include a \$50 late fee. On-site registrations are payable only by credit card.

Total amount enclosed \$ \_\_\_\_\_

**Payment Type:**

**JHU Faculty/Staff Only:** Complete registration form and return with appropriate form below to OCME, Turner 20.

**Internal Order Number:** The ION Data Request Form, can be found online at <http://www.hopkinscme.edu/pdfs/ionRequest.pdf>.

**Tuition Remission:** To apply for TR, go to <http://benefits.jhu.edu/EduBenefits/tuitionRemission.cfm>. This is a non-credit professional development activity.

**Check** (See instructions on top of form.)

**Credit Card:**  VISA  MASTERCARD  DISCOVER  AMEX

Card # \_\_\_\_\_ Exp. Date \_\_\_\_\_

Name on Card

Signature and Date