

**12th Annual AUS Winter Symposium
Local Drug Delivery**

**January 19-21, 2008 (Martin Luther King Holiday Weekend)
Vail Marriott Mountain Resort & Spa
Vail, Colorado**

Meeting Organizer
John H. Kempen, MD, PhD

Program Overview

Uveitis is a leading cause of preventable blindness in the US and worldwide, affecting both adults and children. Approximately 50/100,000 new cases of uveitis occur each year, and approximately 0.1% of the population having active uveitis at any given time. Data derived from tertiary practices suggest that a large proportion of cases will result in vision loss and/or blindness. Other inflammatory diseases, such as scleritis, while less common, cause substantial morbidity.

Among ocular diseases, inflammatory diseases are nearly unique in the frequent need to use potentially toxic and often expensive systemic therapy in order to prevent blindness. The complexity of such management, often requiring simultaneous use of ophthalmologic and rheumatologic expertise, creates considerable difficulties for patients, because access to such dual expertise is not widely available. Recent innovations in drug delivery are opening the possibility of avoiding these potential side effects by applying therapy locally, which would simplify therapy, potentially reduce the risk of side effects, and might improve effectiveness. This CME event will provide an educational opportunity to improve the knowledge of ophthalmologists, especially ocular inflammation and retina specialists, regarding local drug delivery for the treatment of ocular inflammation.

Target Audience

This program has been designed for uveitis and retina specialists.

Educational Objectives

After attending this symposium, participants should be able to:

1. Describe the need for local therapy for ocular inflammatory diseases
2. Identify which medications are likely to work when delivered locally in different ocular compartments
3. List the available local therapies for ocular inflammation
4. Explain the process whereby new local therapies for ocular inflammation will be developed.

Course Chair

John H. Kempen, MD, PhD

Associate Professor of Ophthalmology and Epidemiology
Director, Ocular Inflammation Service, Scheie Eye Institute
Director, Ophthalmic Epidemiology, Center for Preventive Ophthalmology and Biostatistics
Senior Scholar, Center for Clinical Epidemiology and Biostatistics
University of Pennsylvania School of Medicine
Philadelphia, , PA

Faculty

Henry F. Edelhauser, PhD

Sylvia Montag Ferst and Frank W. Ferst
Professor of Ophthalmology
Director of Ophthalmic Research
The Emory Clinic
Atlanta, GA

William R. Freeman, MD

Professor of Ophthalmology
Director Jacobs Retina Center
Shiley Eye Center
University of California San Diego
La Jolla, CA

Brian C. Gilger, DVM, MS, Dipl. ACVO

Professor, Ophthalmology
Department of Clinical Sciences
North Carolina State University
Raleigh, NC

Glenn J. Jaffe, MD

Professor of Ophthalmology
Vitreoretinal Service
Duke Eye Center
Durham, NC

Narsing A. Rao, MD

Professor of Ophthalmology and Pathology
Director, Ophthalmic Pathology Laboratory and
Uveitis Service
Rupert and Gertrude Stieger Vision Research Chair
Keck School of Medicine at USC
Department of Ophthalmology
Doheny Eye Institute
Los Angeles, CA

Russell W. Read, MD

Associate Professor of Ophthalmology and
Pathology
University of Alabama at Birmingham
Birmingham, AL

Disclosures

University of Pennsylvania School of Medicine Office of Continuing Medical Education adheres to the ACCME *Standards for Commercial Support*. Faculty disclosure information will be made available during the activity. Faculty members are also expected to disclose to participants any discussion of off-label and/or investigational use of pharmaceutical products or devices during their presentations.

Accreditation Statement

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the University of Pennsylvania School of Medicine and American Uveitis Society. The University of Pennsylvania School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.



Continuing Medical Education



Designation of Credit

The University of Pennsylvania School of Medicine designates this educational activity for a maximum of 6 AMA PRA Category 1 Credit(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Program

Saturday, January 19

- 7:30-8:00 AM Continental Breakfast
- 8:00-9:00 AM *Case Discussions* (Not certified for CME-credit)
- 4:00-7:00 PM *The Need for Local Drug Delivery in Uveitis*
John H. Kempen, MD, PhD
- What Drugs are Likely to Work Locally: Lessons From Pathogenesis*
Russell W. Read, MD
- Targets and Barriers: Lessons from Pathology*
Narsing A. Rao, MD
- Drug Delivery in Animal Models*
Brian C. Gilger, DVM, MS, Dipl. ACVO
- Implants in Humans to Date*
Glenn J. Jaffe, MD
- Intravitreal Drug Delivery in Humans to Date*
William R. Freeman, MD
- 7:15-9:30 PM Reception and Dinner

Sunday, January 20

- 4:00-7:00 PM *Overview of Drug Delivery Approaches*
Henry F. Edelhauser, PhD
- Transcleral Drug Delivery and Iontophoresis*
Henry F. Edelhauser, PhD
- Microneedles and Novel Delivery Systems*
Henry F. Edelhauser, PhD
- Intrasccleral Drug Delivery*
Brian C. Gilger, DVM, MS, Dipl. ACVO
- Intravitreal and Subretinal Delivery: Going Forward*
Glenn J. Jaffe, MD
- The Processes of Translational Research Applied to Local Drug Delivery for Ocular Inflammation*
William R. Freeman, MD
- 6:30-7:00 PM *Discussion and Recommendations*
Panel & Participants

Monday, January 21

- 7:30-8:00 AM Continental Breakfast
- 8:30-9:30 AM *Free Papers* (Not certified for CME credit)

Hotel Reservations

Deadline: December 19, 2007

The American Uveitis Society has reserved a number of rooms at The Vail Marriott Mountain Resort & Spa in Vail, Colorado and you are urged to reserve no later than December 19, 2007 in order to have a room within our block. You are urged to book early as we have only a limited amount of rooms at the group rate. Any unused hotel rooms in our block will be released to the general public on December 20, 2007 and we cannot guarantee availability or rates after that date. You must mention "AUS Winter Symposium" to receive the group rate. Reservations must be made using one of the following two methods:

(1) Phone the Marriott at (800) 648-0720

(2) Online at <http://www.marriott.com/hotels/travel/whrco-vail-marriott-mountain-resort-and-spa/?groupCode=uvtuvta&app=resvlink>. Enter desired check-in and check-out dates and the 7 letter Group Code (uvtuvta).

Room Description

Guest Room (Single, Double, Triple, Quad): \$375.00 + tax/night
Small refrigerator, 300 sq. feet, Maximum occupancy is 4

Please note that the Vail Marriott Mountain Resort & Spa is only holding Standard Rooms.

Reservation Policy

At time of reservation, a 2 night's non-refundable deposit is taken. On December 19, 2007, the balance of the anticipated room and tax for the entire stay will be billed to the credit card on file.

Cancellation Policy

On or before December 19 - forfeit two nights deposit.
After December 19 - no refund.

Meeting Registration

See attached form.

Nondiscrimination Statement

The University of Pennsylvania values diversity and seeks talented students, faculty and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards; athletic, or other University administered programs or employment. Questions or complaints regarding this policy should be directed to: Executive Director, Office of Affirmative Action and Equal Opportunity Programs, 3600 Chestnut Street, Sansom Place East, Suite 228, Philadelphia, PA 19104-6106 or (215) 898-6993 (Voice) or (215) 898-7803 (TDD).

Cancellation

The University of Pennsylvania reserves the right to cancel or to postpone any activity due to unforeseen circumstances. In the event of cancellation or postponement, the University will refund registration fees but will not be responsible for related costs or expenses to participants, including cancellation fees assessed by hotels, airlines, or travel agencies. In order to process refunds, cancellations must be received in writing by Karen Baranick by no later than December 19, 2007. No refunds will be issued thereafter.

Services for the Disabled

If special arrangements are required for an individual with a disability to attend this meeting, please contact Karen Baranick by no later than January 14, 2008, at (914) 722-0664.