

TBI/TISSUE BANKS INTERNATIONAL

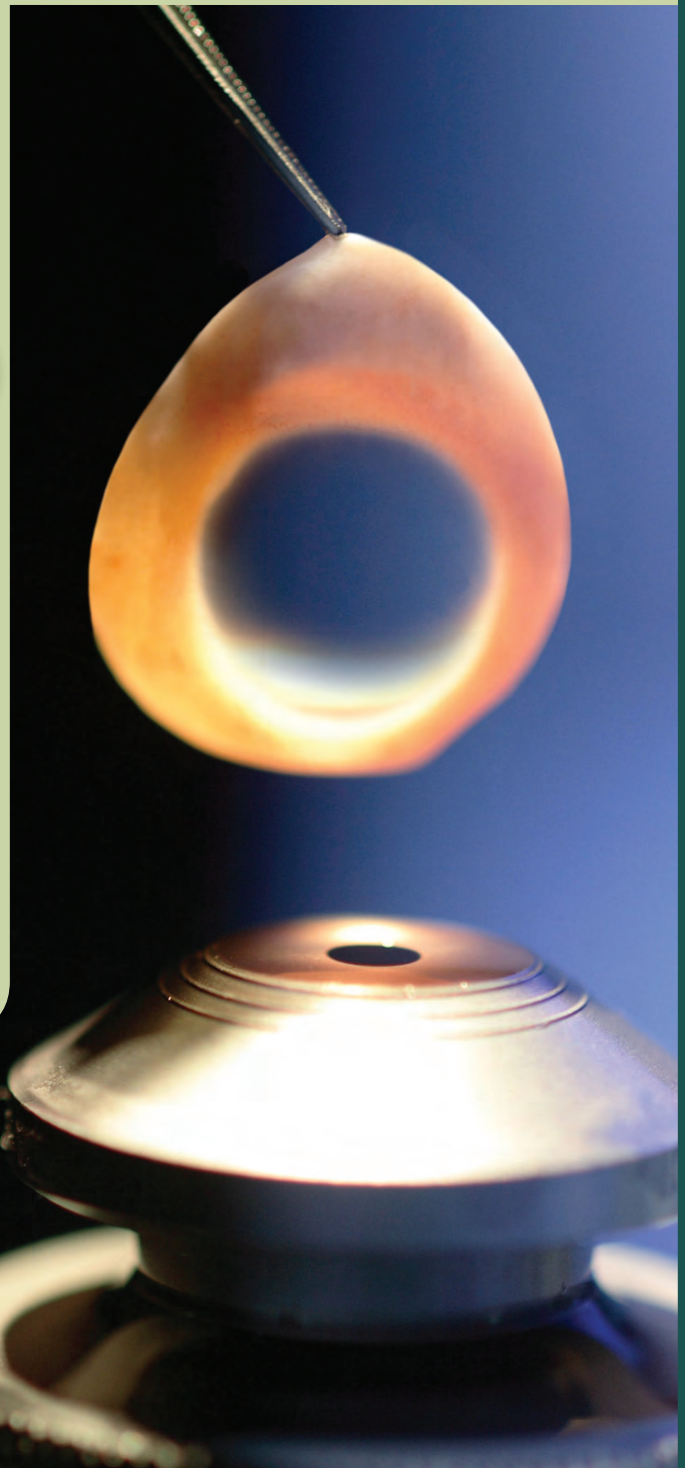
Innovative Allografts. Maximum Safety.

PRESENTS THE 3RD
FUCHS
CORNEAL
DYSTROPHY
SYMPOSIUM

*Featuring Tillett Lecturer Francis W. Price, M.D.
and past Tillett Lecturers Gerrit R. Melles, M.D., Ph.D.
and Mark A. Terry, M.D.*

PROGRAM CHAIRS

John D. Gottsch, M.D.
Albert S. Jun, M.D., Ph.D.
Walter J. Stark, M.D.



March 3, 2012
Baltimore, Maryland

www.tbievents.org

Fuchs Corneal Dystrophy Symposium

Fuchs Corneal Dystrophy is a leading cause of treatable blindness. The purpose of this educational activity is to provide information on this common and debilitating disease that will promote improved patient care. The offering will include an overview of current research on genetics of the disease and how clinicians can apply this knowledge. Also offered will be an extensive exploration of new medical and surgical techniques for the treatment of Fuchs Corneal Dystrophy including DSAEK, ultra-thin DSAEK, and DMEK.

Who should attend?

The educational activity is intended for ophthalmologists, and in particular, those who specialize in the treatment of cornea and external disease. Because Fuchs Corneal Dystrophy is the most common indicator for cornea transplantation, it is expected that cornea specialists who perform transplant procedures would especially benefit from attendance. Physicians with both clinical and non-clinical responsibilities would benefit from the activity, which covers both research and treatment advances concerning Fuchs Corneal Dystrophy.

Objectives

Following the program, the participant should be able to:

1. Recognize the genetic mutations and clinical features associated with Fuchs Corneal Dystrophy.
2. Understand the extra-ocular features associated with certain corneal dystrophy mutations.
3. Evaluate patient candidates and identify the appropriate surgical procedure for given clinical conditions.
4. Implement surgical techniques that optimize patient outcomes and avoid common pitfalls for a range of surgical procedures including DSAEK, ultra-thin DSAEK, DMEK, and PK.
5. Compare and contrast the potential benefits of DMEK, DSAEK, ultra-thin DSAEK and other lamellar transplant techniques.

PROGRAM

7:00-7:30	AM	Registration and Continental Breakfast
7:30-7:35	AM	Welcome and Introduction of Keynote Speaker ... <i>John D. Gottsch, M.D.</i>
7:35-7:55	AM	Keynote Address: Towards Therapeutic Modalities for Corneal Endothelial Dysfunction ... <i>Shigeru Kinoshita, M.D.</i>
7:55-8:03	AM	The Genetics and Clinical Relationships in Fuchs Corneal Dystrophy ... <i>John D. Gottsch, M.D.</i>
8:03-8:11	AM	New Horizons in Fuchs Genetics ... <i>Natalie Afshari, M.D.</i>
8:11-8:19	AM	Fuchs, Congenital Hereditary and Posterior Polymorphous Corneal Dystrophies: Variations on a Common Genetic Theme? ... <i>Anthony J. Aldave, M.D.</i>
8:19-8:27	AM	The Role of Oxidative Stress in Fuchs Endothelial Corneal Dystrophy ... <i>Ula V. Jurkunas, M.D.</i>
8:27-8:35	AM	Chromosome 18 and Fuchs Dystrophy: The Key to Understanding the Genetics of the Disease? ... <i>S. Amer Riazuddin, Ph.D.</i>
8:35-8:43	AM	The Genetics of Fuchs: Complex Genetic Architecture for a Complex Disease ... <i>Nicholas Katsanis, Ph.D.</i>
8:45-9:05	AM	Panel Discussion: <i>Afshari, Aldave, Gottsch, Jurkunas, Katsanis, Kinoshita, Riazuddin</i>
9:05-9:20	AM	Break
9:20-9:35	AM	The History and Future of Endothelial Keratoplasty ... <i>Gerrit R. Melles, M.D., Ph.D.</i>
9:35-9:42	AM	Endothelial Keratoplasty Mythbusters: When "Common Knowledge" is Wrong ... <i>Mark A. Terry, M.D.</i>
9:42-9:50	AM	Cornea Preservation Time Study (CPTS): Lessons to be Learned ... <i>Jonathan H. Lass, M.D.</i>
9:50-9:58	AM	DSEK Graft Thickness: Does It Matter? ... <i>Natalie Afshari, M.D.</i>
9:58-10:06	AM	The Ultrathin DSEK Graft: A Double Edged Sword ... <i>John D. Gottsch, M.D.</i>
10:06-10:14	AM	Cornea Processing of DSAEK, Ultra-thin DSAEK, and DMEK: The Eye Bank's Perspective ... <i>Donald E. Ward, B.A.</i>
10:14-10:35	AM	Panel Discussion: <i>Afshari, Aldave, Holland, Gottsch, Melles, Terry, Ward</i>

10:35-10:42	AM	Update on Descemet Membrane Endothelial Keratoplasty (DMEK): Current Outcomes and Future Perspectives ... <i>Gerrit R. Melles, M.D., Ph.D.</i>
10:42-10:50	AM	Descemet's Membrane Endothelial Keratoplasty (DMEK): Why Isn't Everyone Doing It? ... <i>Mark A. Terry, M.D.</i>
10:50-10:58	AM	Important Considerations in the Management of Patients with Fuchs Endothelial Corneal Dystrophy and Cataracts ... <i>Anthony J. Aldave, M.D.</i>
10:58-11:06	AM	Endothelial Keratoplasty Outcomes and Intraocular Pressure Control in Eyes With and Without Pre-Existing Glaucoma ... <i>Francis W. Price, M.D.</i>
11:06-11:14	AM	DSEK for Failed PKP – Technique and Results ... <i>M. Bowes Hamill, M.D.</i>
11:14-11:22	AM	The New Corneal Triple Procedure: Simultaneous or Sequential ... <i>Sadeer Hannush, M.D.</i>
11:22-11:30	AM	PK Versus DSAEK: Comparison of Results ... <i>Walter J. Stark, M.D.</i>
11:30-11:38	AM	Interface Haze with DSEK ... <i>Terrence P. O'Brien, M.D.</i>
11:38-12:00	AM	Panel Discussion: <i>Aldave, Hamill, Hannush, Melles, F. Price, Stark, Terry</i>
12:00- 1:00	PM	Lunch
1:00-1:05	PM	Introduction of Tillett lecture... <i>John D. Gottsch, M.D.</i>
1:05-1:50	PM	Charles Tillett Lecture: Choosing the Best Endothelial Keratoplasty Procedure (DSEK, DMEK, Hybrid) for Endothelial Dysfunction ... <i>Francis W. Price, M.D.</i>
1:50-1:58	PM	Pearls in DSEK surgery ... <i>Sonia H. Yoo, M.D.</i>
1:58-2:06	PM	Optimizing Refractive Predictability: How Endothelial Keratoplasty Changes the Fuchs Dystrophy Cornea ... <i>Francis W. Price, M.D.</i>
2:06-2:14	PM	DSEK Refractive Shift: Constants and Variables ... <i>Natalie Afshari, M.D.</i>
2:14-2:22	PM	Management of Patients with Fuchs' Dystrophy and Cataract ... <i>Walter J. Stark, M.D.</i>
2:22-2:30	PM	EK in the Unicameral Eye and Other Altered Anterior Segments ... <i>Sadeer Hannush, M.D.</i>
2:30-2:38	PM	DSEK Under Adverse Conditions... <i>M. Bowes Hamill, M.D.</i>
2:38-2:44	PM	DSEK for Fuchs' Dystrophy: 8-year Graft Survival and Endothelial Cell Loss ... <i>Marianne O. Price, Ph.D.</i>
2:44-3:10	PM	Panel Discussion: <i>Afshari, Hamill, Hannush, Melles, F. Price, Stark</i>
3:10 PM	PM	Break
3:30-3:38	PM	Endothelial Keratoplasty in Difficult and Challenging Cases ... <i>Natalie Afshari, M.D.</i>
3:38-3:46	PM	Does Size Matter? The Effects of the Incision in DSEK Surgery ... <i>Anthony J. Aldave, M.D.</i>
3:46-3:54	PM	Immunologic Graft Rejection With DMEK vs. DSEK ... <i>Marianne O. Price, Ph.D.</i>
3:54-4:02	PM	A Potential Technique to Remodel the Corneal Curvature in Advanced Keratoconus ... <i>Gerrit R. Melles, M.D., Ph.D.</i>
4:02-4:10	PM	DSAEK: Are Injectors Really Better Than Forceps? ... <i>Mark A. Terry, M.D.</i>
4:10-4:18	PM	Insertion Tools for DSAEK / DMEK Grafts ... <i>Bradford L. Tannen, M.D.</i>
4:18-4:26	PM	Advances in Endothelial Donor Delivery ... <i>Terrence P. O'Brien, M.D.</i>
4:26-4:34	PM	Isolated Bowman Layer Transplantation for Persistent Subepithelial Haze ... <i>Gerrit R. Melles, M.D., Ph.D.</i>
4:34-4:42	PM	DSAEK Procedure Using Overseas, Pre-cut Donor Corneas ... <i>Shigeru Kinoshita, M.D., Ph.D.</i>
4:45	PM	Adjorn

Natalie Afshari, M.D.

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Duke University Eye Center

Anthony J. Aldave, M.D.

Associate Professor of Ophthalmology
Jules Stein Eye Institute

John D. Gottsch, M.D.

Margaret C. Mosher Professor of Ophthalmology.
Wilmer Eye Institute

M. Bowes Hamill, M.D.

Associate Professor of Ophthalmology
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Sadeer Hannush, M.D.

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Brumley Distinguished Professor of Pediatrics
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Kyoto Prefectural University of Medicine

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Case Western Reserve University

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The Netherlands Institute for Innovative Ocular Surgery

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Professor of Ophthalmology & Charlotte Breyer
Rodgers Distinguished Chair
Bascom Palmer Eye Institute of the Palm Beaches

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Price Vision Group

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Cornea Research Foundation of America

Amer Riazzudin, Ph.D.

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Distinguished Prof. of Ophthalmology
Director of the Stark Mosher Center for Cataract & Corneal
Disease
Wilmer Eye Institute

Donald E. Ward, B.A.

Chief Technology Officer
TBI/Tissue Banks International

Sonia H. Yoo, M.D.

Professor of Ophthalmology
Bascom Palmer Eye Institute



GENERAL INFORMATION

Location

FUCHS CORNEAL DYSTROPHY SYMPOSIUM
The Tremont Grand
225 North Charles Street
Baltimore, Maryland 21201
Phone: 443-573-8444

Hotel and Travel

Tremont Plaza Hotel
222 St. Paul Place
Baltimore, MD 21201
800-873-6668
Hotel Reservation Cut-Off Date: February 7, 2012

The Tremont Plaza Hotel is located in the heart of downtown Baltimore. Offering a distinct combination of comfort and convenience and providing easy access to the city's best, their spacious Baltimore hotel suites are certain to make your stay in Maryland a memorable one.

A special rate has been reserved for our symposium and workshop attendees. To book your accommodations, please contact the Tremont Plaza Hotel and mention the Tissue Banks International Fuchs Dystrophy Symposium. Check-in is 4:00 pm and check-out is noon.

Special room rate: \$139/night, single or double, plus tax

Registration Fees

Registration Cut-Off Date: An additional \$50 fee will be assessed for any registrations received after 5:00 PM on February 12, 2012 including on-site registration.

Methods of Payment: By credit card or check prior to the event. On-site payment by credit card only.

Payment must accompany registration form. The registration fees cover instructional materials and refreshments and meals unless otherwise noted.

FUCHS SYMPOSIUM—Physicians	\$260
FUCHS SYMPOSIUM—Fellow/Residents	\$130

**With verification of status*

All registrants will receive confirmation of registration by mail. If you have not received confirmation by February 1, 2012 please call 443-703-5121 to confirm your attendance.

TBI reserve the right to cancel or postpone any activity due to unforeseen circumstances. In this event, registration fees will be refunded, but TBI is not responsible for travel expenses.

Refund Policy

A handling fee of \$50 is deducted for cancellation. Refund requests must be received by fax or mail by February 17, 2012. No refunds will be made thereafter.

To Register or for Further Information

Register Online: www.tbievents.org
Register by Phone: 443-703-5121
Register by Fax: 410-545-4457
General Information: 443-703-5121
Email: events@tbionline.org

REGISTRATION FORM

First Name _____ Last Name _____ Suffix _____

Organization/Affiliation _____

Professional Title _____

Address _____

City _____ State _____ Zip _____

Phone _____ Email _____

Role (Select) Physician Researcher Fellow Resident Other

PAYMENT INFORMATION

Card Type _____ Card Number _____ Expiration Date _____ CVV Code _____

Signature _____

TBI/Tissue Banks International
815 Park Avenue
Baltimore, Maryland 21201



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