

ANTHONY J. ALDAVE, M.D.

CONTACT INFORMATION

Jules Stein Eye Institute
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EDUCATION

1987-1991 The University of Texas at Austin
Bachelor of Arts (B.A.), Plan II Honors Program
Cum Laude Graduate, GPA: 3.65 (4.0 scale)

1992-1996 The University of Texas Medical Branch at Galveston
Doctor of Medicine (M.D.)
Summa Cum Laude Graduate, GPA: 95 (100 scale)
Class Rank: First

POSTDOCTORAL TRAINING

1996-1997 Central Texas Medical Foundation
Brackenridge Hospital
Austin, Texas
Transitional Internship

1997-2000 Thomas Jefferson University School of Medicine
Wills Eye Hospital
Philadelphia, Pennsylvania
Residency in Ophthalmology

2000-2002 The University of California, San Francisco School of Medicine
Francis I. Proctor Foundation / Department of Ophthalmology
San Francisco, California
Fellowship in Cornea, External Disease, Uveitis and Refractive
Surgery

ACADEMIC APPOINTMENT

2002-2007	Assistant Professor In-Residence of Ophthalmology University of California at Los Angeles School of Medicine Department of Ophthalmology, Jules Stein Eye Institute Los Angeles, California.
2007-2013	Associate Professor In-Residence of Ophthalmology
2013-present	Professor In-Residence of Ophthalmology

MEDICAL BOARD CERTIFICATION

2002	American Board of Ophthalmology
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HONORS AND AWARDS

1992-1995	Competitive Academic Scholarship
1993	Betty Ford Center Medical Student Professional in Residence Scholarship
1993	Glenn V. Russell Memorial Award for Excellence in Neuroscience
1994	Junior Alpha Omega Alpha Medical Honor Society
1994	Anne Lassiter Memorial Scholarship
1994	Award for Excellence in Pathology
1996	Mavis P. Kelsey Excellence in Medicine Award
1996	Curtis W. Lambert Scholarship Award
1996	Lange Medical Publication Award
1996	William N. and Ida Zinn Alpha Omega Alpha Award Awarded to medical school Summa Cum laude graduate (class rank: first
1999	National Eye Institute Travel Fellowship Grant

2000	Heed Ophthalmic Foundation Fellowship
2000	James S. Shipman Research Award, Wills Eye Hospital Annual Conference
2001	Claes Dohlman Society Award <ul style="list-style-type: none"> • Awarded to the outstanding Cornea and Refractive Surgery Fellow in the United States
2001	American Ophthalmological Society-Knapp Testimonial Fund Fellowship
2003	The UCLA K30 Graduate Program in Translational Investigation <ul style="list-style-type: none"> • NIH sponsored K30 program designed to develop the careers of promising clinician scientists
2006	American Academy of Ophthalmology Achievement Award
2008, 2018	American Academy of Ophthalmology Secretariat Award
2014	American Academy of Ophthalmology Senior Achievement Award
2014	Walton Li Chair in Cornea and Uveitis

COMMITTEE & ASSOCIATION MEMBERSHIPS

1997-present	American Academy of Ophthalmology
1999-present	Association for Research in Vision and Ophthalmology
2004-present	American Society of Cataract and Refractive Surgery
2006-present	R. Townley Paton Society

UNIVERSITY SERVICE

2004-2007	University of California, Los Angeles Legislative Assembly Representative
2010	Member, UCLA Health Sciences Strategic Planning Initiative Steering Committee

2010 Member, UCLA Health Sciences Strategic Planning Initiative
Education Strategy Design Team

DEPARTMENT OF OPHTHALMOLOGY SERVICE

2002-present Department of Ophthalmology Quality Assurance Committee

2002-present Department of Ophthalmology Clinical Committee

2002-present Department of Ophthalmology Appointment, Academic
Advancement and Promotion Committee

2002-present Jules Stein Eye Institute and Department of Ophthalmology
Clinical Research Committee

2002-present Department of Ophthalmology Committee

2004-2007 Residency Selection Committee

2004-present EyeSTAR Residency Selection Committee

DEPARTMENTAL PROGRAM RESPONSIBILITIES

2002-present Director, Cornea and Refractive Surgery Fellowship

2006-2012 Director, Cornea Service

2012-present Chief, Cornea and Uveitis Division

ACTIVITIES IN SCHOLARLY AND PROFESSIONAL SOCIETIES

2000-2001 AAO Strategic Assessment Planning Task Force

2002-present Active Fellow, American Academy of Ophthalmology

2002-2003 Member, American Academy of Ophthalmology Refractive
Surgery DVD Script Advisory Group

2003-2007 Member, American Academy of Ophthalmology Knowledge Base
Development Project – Cornea and External Disease Panel

2004-2009	Member, American Academy of Ophthalmology Subspecialty Day Committee
2005-2015	Member, American Academy of Ophthalmology Ethics Committee
2005-present	Associate Examiner, American Board of Ophthalmology
2008-2013	Vice Chair, American Academy of Ophthalmology Practicing Ophthalmologists Curriculum – Cornea and External Disease Panel
2008-present	Member, Tissue Banks International National Medical and Scientific Advisory Committee
2010-2012	Member, Eye Bank Association of America Accreditation Board
2010-2012	Member, American Academy of Ophthalmology Cornea Subspecialty Day Committee
2011-2016	Member, Eye Bank Association of America Medical Advisory Board
2012-2014	Member, Eye Bank Association of America Scientific Programs Committee
2012-present	Member, Cornea Society Board of Directors
2014-present	Chair, American Academy of Ophthalmology Practicing Ophthalmologists Curriculum – Cornea and External Disease Panel
2016-2020	Chair, Cornea Society Scientific Program Committee
2017-present	Chair, Eye Bank Association of America Policy and Position Research Subcommittee
2020	Vice President, International Relations, Cornea Society

CLINICAL CORNEA/REFRACTIVE SURGERY FELLOWS TRAINED

2002-2003	Cindy Self, M.D., from the University of Tennessee, Chattanooga
2002-2003	Jerry Hu, M.D., from Duke University
2003-2004	Danny Lin, M.D., from Stanford University

2003-2004	Bruce Wietharn, M.D., from the University of Florida
2004-2005	David Hollander, M.D., from the University of California, San Francisco
2004-2005	Julie King, M.D., from Loma Linda University
2005-2006	Mini Doan, M.D. from George Washington University
2005-2006	Sophie Deng, M.D. from the University of Illinois, Chicago
2006-2007	Yuri Oleynikov, M.D., Ph.D. from Columbia University
2006-2007	Jon Page, M.D. from New York Eye and Ear
2007-2008	Jared Younger, M.D. from Univ. of Texas Southwestern Medical Center
2007-2008	Myhanh Nguyen, M.D. from Tufts University
2008-2009	Marvin Hsiao, M.D., from Univ. of Texas Southwestern Medical Center
2008-2009	Jesse Biebesheimer, M.D., from the University of California, San Francisco
2009-2010	Olivia Lee, M.D., from New York Eye and Ear
2009-2010	Timmy Kovoov, M.D., from Univ. of Texas Southwestern Medical Center
2010-2011	Matthew Swanic, M.D., from Tufts University
2010-2011	Kristina Kurbanyan, M.D., from Massachusetts Eye and Ear Infirmary
2011-2012	Sara Akbari, M.D., Pharm. D., from the University of Michigan
2011-2012	Duncan Johnson, M.D., from the Jules Stein Eye Institute
2012-2013	Jason Jun, M.D. from the Scheie Eye Institute
2012-2013	Ksenia Stafeeva, M.D. from the University of Colorado
2013-2014	Ryan St. Clair from Cornell University

2013-2014	Rosalind Vo from Loma Linda University
2014-2015	Neil Vyas from Boston University
2014-2015	Anjali Tannan from Rush University
2015-2016	Andrew Salem from Tulane University
2015-2016	Anushree Sharma from University of Rochester
2016-2017	David Truong from Univ. of Texas Southwestern Medical Center
2016-2017	Saba Al-Hashimi from Boston University
2017-2018	Pejman Bakhtiary from Loma Linda University
2018-2019	Amir Marvasti from the University of California, San Diego
2018-2019	Nathan Abraham from Howard University

INTERNATIONAL CORNEA/REFRACTIVE SURGERY FELLOWS TRAINED

2002-2003	Patty Bunnapradist, M.D. from Bangkok, Thailand
2003	Manoj Sharma, M.D. from Bhairahawa, Nepal
2003-2004	Alexandre Principe, M.D. from Sao Paulo, Brazil
2004-2005	Akihiro Yasuda, M.D. from Tokyo, Japan
2004-2005	Apiradi Prechanond, M.D. from Bangkok, Thailand
2004-2005	Setsuko Hashida, M.D., from Tokyo, Japan
2005-2006	Baris Sonmez, M.D. from Ankara, Turkey
2005-2006	Nirit Bourla, M.D. from Tel Aviv, Israel
2007-2008	Khairi Kamal, M.D. from Kuantan, Malaysia
2008-2009	Chris Wiaux, M.D. from Lausanne, Switzerland
2009-2010	Kunjai Sejpal, M.D., from Chennai, India
2009-2010	Elmira Baghdasaryan, M.D., from Yerevan, Armenia

2010-2011	Arturo Ramirez-Miranda from Mexico City, Mexico
2010-2011	Siamak Zarei-Ghanavati from Mashhad, Iran
2012-2013	Pejman Bakhtiari from Tehran, Iran
2014-2015	Somporn Chantra from Bangkok, Thailand
2014-2015	Andres Codriansky from Santiago, Chile
2014-2015	Chulaluck Tangmonkongvoragul from Bangkok, Thailand
2014-2015	Jae Woong Koh from Gwang-ju, South Korea
2015-2016	Pichaya Chuephanich from Bangkok, Thailand
2015-2016	Chantaka Supiyaphun from Bangkok, Thailand
2015-2016	Tahir Kansu Bozkurt from Istanbul, Turkey
2015-2016	Carolina Aravena from Santiago, Chile
2016-2017	Patricio Dodds from Buenos Aires, Argentina
2016-2017	Pitchaya Prapaipanich from Bangkok, Thailand
2016-2017	Pornlada Sunlakaviset from Bangkok, Thailand
2017-2018	Huong Duong from Ho Chi Minh City, Vietnam
2017-2018	Tulika Chauhan from Bangalore, India
2017-2018	Erick Encampira from Mexico City, Mexico
2018-2019	Clemence Bonnet from Paris, France
2018-2019	Reza Ghaffari from Tehran, Iran
2018-2019	Turad Alkadi from Riyadh, Saudi Arabia

EDITORIAL /REVIEWER SERVICE

National Institute of Health Grant Review

2014	Ad hoc member, NIH, National Eye Institute Special Emphasis Panel, ZEY1 VSN (06)
2015	Ad hoc member, NIH, National Eye Institute Special Emphasis Panel, 2015/10 ZRG1 BDCN-R (02)
2016	Ad hoc member, NIH, Neurological, Aging and Musculoskeletal Epidemiology (NAME) Study Section, 2016/10 NAME meeting
2017	Ad hoc member, NIH, Genetics of Health and Disease (GHD) Study Section, 2017/05 GHD meeting
2019	Ad hoc member, NIH, Genetics of Health and Disease (GHD) Study Section, 2019/06 GHD meeting

Editorial Board Service

2013-present	<i>Cornea</i>
2016-present	<i>Molecular Vision</i>
2018-present	<i>Mexican Journal of Ophthalmology</i> (International editorial committee)
2019-present	<i>Translational Vision Science and Technology</i>

Reviewer (ad hoc)

2001-present	<i>Cornea</i>
2002-present	<i>American Journal of Ophthalmology</i>
2003-present	<i>Journal of the American Association for Pediatric Ophthalmology and Strabismus</i>
2003-present	<i>JAMA Ophthalmology (Archives of Ophthalmology)</i>
2004-present	<i>Investigative Ophthalmology and Visual Science</i>
2004-present	<i>British Journal of Ophthalmology</i>
2004-present	<i>Ophthalmology</i>
2004-present	<i>Human Mutation</i>
2004-present	<i>Human Genetics</i>

2005-present	<i>Molecular Vision</i>
2006-present	<i>Eye</i>
2007-present	<i>Current Eye Research</i>
2007-present	<i>Ophthalmic Genetics</i>
2011-present	<i>Experimental Eye Research</i>
2012-present	<i>Journal of Refractive Surgery</i>
2012-present	<i>PLoS ONE</i>
2012-present	<i>PLoS Genetics</i>
2015-present	<i>European Journal of Human Genetics</i>
2019-present	<i>EMBO reports</i>

PROTOCOLS APPROVED FOR HUMAN INVESTIGATION

June 2002	Endokeratoplasty as an Alternative to Penetrating Keratoplasty for the Management of Corneal Endothelial Decompensation. UCLA IRB # 02-02-053-01
September 2002	The Molecular Genetics of Macular Corneal Dystrophy. UCLA IRB # 02-02-054-01
February 2003	Elucidating the Genetic Basis of Posterior Polymorphous Corneal Dystrophy UCLA IRB # 02-10-092-01
May 2003	Phakic 6 H2 Heparinized Refractive Intraocular Lens UCLA IRB # 03-02-007-01
September 2004	Genetic Mapping of Inherited Ocular Disorders UCLA IRB # 94-07-243-22B
February 2005	Keratoprosthesis Implantation for Visual Rehabilitation in Patients with Corneal Opacification UCLA IRB # 04-11-058-01
July 2006	A Multicenter Study to Map Novel Genes for Fuchs' Endothelial Corneal Dystrophy

	UCLA IRB # 06-01-020-01
January 2009	Evaluation of Outcomes with New Forms of Corneal Transplantation UCLA IRB# G08-12-017-01
March 2011	International Results with the Boston Keratoprosthesis UCLA IRB#11-000983
March 2012	Effect of Corneal Preservation Time on Long-Term Graft Success (CPTS) UCLA IRB#12-000421

RESEARCH SUPPORT

CURRENT

09/01/15-08/31/20	W81XWH-15-2-0044 Ciolini (PI) \$15,914 (annual direct costs) Department of Defense (DOD) MEEI/Harvard University (Prime: DOD) <i>Vision Restoration with a Collagen Crosslinked Boston Keratoprosthesis Unit</i> Role: Site Principal Investigator
09/01/15-08/31/20	2P30 EY00331 Williams (PI) \$383,453 (annual direct costs) NIH/National Eye Institute <i>Jules Stein Eye Institute Core Grant for Vision Research</i> Role: Core Investigator

PREVIOUS

07/03/03-7/02/07	Ophthalmic Innovations International \$67,112 <i>Clinical Trial to Evaluate the Safety and Effectiveness of the Phakic 6 H2 Refractive Anterior Chamber lens (Phakic 6 H2-Myopia)</i>
08/01/04-07/31/05	The Center for Keratoconus \$8000 <i>Investigations into the Genetic Basis of Keratoconus</i>
07/01/05-06/30/07	UCLA Faculty Research Grant \$9000 <i>Cloning the Gene for Posterior Polymorphous Corneal Dystrophy</i>
09/30/05-08/31/10	R01-EY016482 Lass (PI) NIH/National Eye Institute <i>A Multi-Center Study to Map Genes for Fuchs Dystrophy</i> Coordinating Center: Case Western University

Role: Site Principal Investigator

10/01/05-09/30/10	K08EY016079 Aldave (PI) NIH/National Eye Institute <i>Cloning the Gene for Posterior Polymorphous Corneal Dystrophy</i> Role: Principal Investigator	\$154,865 (annual direct costs)
09/01/06-08/31/07	National Keratoconus Foundation <i>Identification of Differentially Expressed Genes in Keratoconus</i>	\$10,000
02/13/07-2/12/08	Stein Oppenheimer Endowment Award <i>Identification of the Genetic Basis of Keratoconus using a Candidate Gene Approach Incorporating Gene Expression and Linkage Analysis Data</i>	\$30,000
2/15/08-2/14/09	Oppenheimer Family Foundation Center For Prevention of Eye Disease Program <i>RNA Interference Targeting of the TGFBI Gene Transcript in Human Corneal Epithelial Cells as a Method to Inhibit Pathologic TGFBI Protein Deposition in the Corneal Dystrophies</i>	\$30,000
1/01/09-12/31/09	Oppenheimer Family Foundation Center For Prevention of Eye Disease Program <i>Large Scale Sequencing of the Common Posterior Polymorphous Corneal Dystrophy Candidate Gene Interval</i>	\$30,000
09/01/09-08/31/11	K08 EY016079-01A1 Aldave (PI) NIH/National Eye Institute <i>Cloning the Gene for Posterior Polymorphous Corneal Dystrophy</i> Administrative Supplement Role: Principal Investigator	\$154,865 (total direct costs)
3/01/12-2/28/13	Oppenheimer Family Foundation Center For Prevention of Eye Disease Program <i>Analysis of the Role of ZEB1 in the Pathogenesis of Posterior Polymorphous Corneal Dystrophy</i>	\$23,000
07/01/12-06/30/13	UCLA Faculty Research Grant <i>Identifying the genetic basis of posterior polymorphous corneal dystrophy</i>	\$5000
09/30/11-08/31/16	1U10EY020798 Lass (PI) NIH/National Eye Institute JAEB Center for Health Research (Prime: NEI) <i>Effect of Corneal Preservation Time on Long-Term Graft Success (CPTS)</i>	\$82,750 (annual direct costs)

Coordinating Center: Case Western University
 Role: Site Principal Investigator

12/01/12-11/30/17	R01 EY022082 Aldave (PI) NIH/National Eye Institute <i>Identification and Characterization of the Genetic Basis of PPCD</i> Role: Principal Investigator	\$250,000 (annual direct costs)
01/01/17-12/31/17	Research to Prevent Blindness Unrestricted Grant <i>Identification of the Genetic Basis of the Corneal Dystrophies</i>	
07/01/18-06/30/19	UCLA Faculty Research Grant <i>Elucidating the role of transcription factor OVOL2 in the pathogenesis of posterior polymorphous corneal dystrophy</i>	\$8043.75
07/01/18-06/30/19	EBAA Lindstrom Research Grant <i>In Vitro Expansion of Human Corneal Endothelial Cells Using Differing Cell Culture Systems</i>	\$5000
03/01/15-02/28/20	R01 EY009052 Rabinowitz (PI) NIH/National Eye Institute Cedars Sinai Medical Center (Prime: NEI) <i>Genetic Factors in Keratoconus</i> Role: Co-Principal Investigator	\$5400 (annual direct costs)

MEETINGS AND COURSES ATTENDED

May 1994	Annual meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida.
March 1998	Annual Wills Eye Hospital Conference, Philadelphia, Pennsylvania
December 1998	12 th Biennial Cornea Conference: What's New in Corneal Disease and Refractive Surgery, Philadelphia, Pennsylvania
March 1999	The 23 rd Annual Wills Eye Hospital Ophthalmology Review Course, Philadelphia, Pennsylvania
March 1999	Annual Wills Eye Hospital Conference, Philadelphia, Pennsylvania
May 1999	Annual meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida.
May 1999	International Congress of Ocular Oncology, Philadelphia, Pennsylvania

September 1999	VISX Excimer Laser System “PRK with Astigmatism, Myopia, and Hyperopia Training Course”, Philadelphia, Pennsylvania
October 1999	Annual Meeting of the American Academy of Ophthalmology, Orlando, Florida.
January 2000	Annual Meeting of the Contact Lens Association of Ophthalmologists, Las Vegas, Nevada
March 2000	Annual Wills Eye Hospital Conference, Philadelphia, Pennsylvania
March 2000	Bausch & Lomb Surgical “C-LASIK: Lamellar Refractive Surgery Course”, New York, New York
May 2000	Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida
May 2000	Annual Meeting of the American Society of Cataract and Refractive Surgery, Boston, Massachusetts
October 2000	Annual Meeting of the American Academy of Ophthalmology, Dallas, Texas.
December 2000	Emerging Ocular Therapies, San Francisco, California
March 2001	The Third International Symposium on Ophthalmology in the Developing World, San Francisco, California
May 2001	Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida
November 2001	Annual Meeting of the American Academy of Ophthalmology, New Orleans, Louisiana
March 2002	The Max Fine Eye Society Meeting, Doheny Eye Institute, Los Angeles, California
April 2002	Annual Research Conference, Loma Linda University, Loma Linda, California
May 2002	Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida
May 2002	Allergan Ocuflax Speakers Meeting, Dallas, Texas

July 2002	Argus Connect AlphaCor Accreditation Program, Jules Stein Eye Institute, Los Angeles, California
July 2002	Alcon Surgical SKBM Microkeratome Certification Course, Jules Stein Eye Institute, Los Angeles, California
July 2002	Alcon Surgical LADARVision Certification Course, Jules Stein Eye Institute, Los Angeles, California
November 2002	Annual Meeting of the American Academy of Ophthalmology, Orlando, Florida
March 2003	Allergan Restasis™ Speaker Training Meeting, Scottsdale, Arizona
March 2003	Annual Postgraduate Convention, Loma Linda University, Loma Linda, California
March 2003	XXIV Pan-American Congress of Ophthalmology San Juan, Puerto Rico
April 2003	Annual Meeting of the American Society of Cataract and Refractive Surgery, San Francisco, California
May 2003	Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida
June 2003	Annual Meeting of the Eye Bank Association of America Washington, D.C.
November 2003	Annual Meeting of the American Academy of Ophthalmology, Anaheim, California
December 2003	Allergan Zymar Speaker Training Meeting, Scottsdale, Arizona
February 2004	Annual Meeting of the Aspen Corneal Society Aspen, Colorado
April 2004	Annual Meeting of the San Francisco Cornea Symposium San Francisco, California
April 2004	Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida
June 2004	Annual Research Conference, Department of Ophthalmology, Loma Linda University School of Medicine

	Loma Linda, California
August 2004	Staar Visian ICL Mini-Fellowship Los Angeles, California
November 2004	Annual Meeting of the American Academy of Ophthalmology, New Orleans, Louisiana
December 2004	15 th Biennial Wills Eye Hospital Cornea Conference Philadelphia, Pennsylvania
January 2005	Annual Jules Stein Eye Institute and SCCO Symposium Fullerton, California
February 2005	Annual Post Graduate Convention, Oregon Academy of Ophthalmology Portland, Oregon
April 2005	World Cornea Congress Washington, D.C.
April 2005	Annual Meeting of the American Society of Cataract and Refractive Surgery Washington, D.C.
April 2005	Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida
May 2005	Annual Research Conference, Department of Ophthalmology, Loma Linda University School of Medicine Loma Linda, California
October 2005	Annual Meeting of the American Academy of Ophthalmology, Chicago, Illinois
February 2006	Annual Meeting of the Aspen Corneal Society Aspen, Colorado
March 2006	Annual Meeting of the American Society of Cataract and Refractive Surgery San Francisco, California
April 2006	The Role of the Clinician in Genetic Testing for Inherited Eye Disease Iowa City, Iowa

April 2006	DSEK Advanced Cornea Course Indianapolis, Indiana
May 2006	Annual Meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida
August 2006	Genome Access Course Cold Spring Harbor Laboratory Cold Spring Harbor, New York
October 2006	Annual Meeting of the American Academy of Ophthalmology, Las Vegas, Nevada
January 2007	Annual Island Eyes Meeting Kauai, Hawaii
February 2007	Annual Meeting of the Aspen Corneal Society Aspen, Colorado
April 2007	Annual Meeting of the American Society of Cataract and Refractive Surgery San Diego, California
May 2007	Annual Meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida
June 2007	The Armenian EyeCare Project Tenth International Ophthalmology Conference Yerevan, Armenia
November 2007	Annual Meeting of the American Academy of Ophthalmology, New Orleans, Louisiana
January 2008	Cornea and Retina Symposium Los Angeles, California
January 2008	All India Ophthalmology Society Meeting Bangalore, India
February 2008	5th Annual Ophthalmology Update – From Front to Back San Juan, Puerto Rico
April 2008	Annual Meeting of the American Society of Cataract and Refractive Surgery

	Chicago, Illinois
April 2008	Annual Meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida
June 2008	Annual Meeting of the Eye Bank Association of America Hollywood, Florida
June 2008	Cornea: Developments in Medical and Surgical Therapeutics Galveston, Texas
September 2008	Eye on Excellence in Ophthalmology Las Vegas, Nevada
September 2008	Fuchs Corneal Dystrophy Symposium Baltimore, Maryland
November 2008	Annual Meeting of the American Academy of Ophthalmology, Atlanta, Georgia
February 2009	All India Ophthalmology Society Meeting Jaipur, India
February 2009	Annual Ocular Drug and Surgical Therapy Update Meeting Dana Point, California
February 2009	Annual Meeting of the Aspen Corneal Society Aspen, Colorado
March 2009	Biennial MEACO International Congress Manama, Bahrain
April 2009	Annual Meeting of the American Society of Cataract and Refractive Surgery San Francisco, California
April 2009	Annual Dallas Spring Ophthalmology Symposium Dallas, Texas
May 2009	Annual Meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida
May 2009	New England Ophthalmological Society Meeting Boston, Massachusetts

May 2009	A Deeper Look at Keratoplasty Symposium Los Angeles, California
June 2009	Global Eye Bank and Corneal Transplant Congress Seattle, Washington
June 2009	Annual Meeting of the Eye Bank Association of America Seattle, Washington
September 2009	Annual Rocky Mountain Lions Eye Institute Ophthalmology Symposium Denver, Colorado
October 2009	Annual Meeting of the American Academy of Ophthalmology, San Francisco, California
November 2009	Annual Congress of the Iranian Society of Ophthalmology Tehran, Iran
November 2009	Annual Malaysian-Singapore Ophthalmic Congress Kuala Lumpur, Malaysia
February 2010	All India Ophthalmology Society Meeting Kolkata, India
February 2010	Fuchs Corneal Dystrophy Symposium Baltimore, Maryland
February 2010	Annual Meeting of the Aspen Corneal Society Aspen, Colorado
April 2010	World Cornea Congress Boston, Massachusetts
April 2010	Annual Meeting of the American Society of Cataract and Refractive Surgery Boston, Massachusetts
April 2010	Annual Meeting of the Texas Ophthalmology Association Ft. Worth, Texas
May 2010	Annual Meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida

May 2010	Annual Research Conference, Department of Ophthalmology, Loma Linda University School of Medicine Loma Linda, California
September 2010	CLAO Education and Research Foundation Scientific Symposium Las Vegas, Nevada
November 2010	Annual Meeting of the American Academy of Ophthalmology, Chicago, Illinois
November 2010	Keratoprosthesis Course: Advancements in Visual Rehabilitation New York, New York
January 2011	Cornea Connect: International Symposium on Corneal Disorders Madurai, India
March 2011	28 th Annual Current Concepts in Ophthalmology Vail, Colorado
April 2011	Annual Meeting of the American Society of Cataract and Refractive Surgery San Diego, California
May 2011	Annual Research Conference, Department of Ophthalmology, Loma Linda University School of Medicine Loma Linda, California
June 2011	Annual Meeting of the Eye Bank Association of America Tucson, Arizona
July 2011	Indian Intraocular Implant and Refractive Surgery Convention Chennai, India
October 2011	Annual Meeting of the American Academy of Ophthalmology, Orlando, Florida
November 2011	Annual Congress of the Iranian Society of Ophthalmology Tehran, Iran
January 2012	Current Concepts in Ophthalmology Atlantic City, New Jersey
February 2012	All India Ophthalmology Society Meeting Cochin, India
March 2012	Fuchs Corneal Dystrophy Symposium

	Baltimore, Maryland
March 2012	Annual Post Graduate Convention, Oregon Academy of Ophthalmology Portland, Oregon
March 2012	29 th Annual Current Concepts in Ophthalmology Vail, Colorado
April 2012	Annual Meeting of the Asia-Pacific Academy of Ophthalmology Busan, Korea
April 2012	Annual Meeting of the American Society of Cataract and Refractive Surgery Chicago, Illinois
May 2012	Annual Research Conference, Department of Ophthalmology, Loma Linda University School of Medicine Loma Linda, California
June 2012	Annual Meeting of the Eye Bank Association of America Hollywood, Florida
June 2012	Annual Meeting of the Canadian Ophthalmological Society Toronto, Canada
July 2012	7 th International Ophthalmology Course at the University of Chile Santiago, Chile
September 2012	5 th Annual Glaucoma/Cataract Symposium Chicago, Illinois
September 2012	Retina Update Sacramento, California
October 2012	Inflammation and Ocular Surface Focus Group Toronto, Canada
November 2012	Annual Meeting of the American Academy of Ophthalmology, Chicago, Illinois
November 2012	3 rd Biennial Scientific Meeting of the Asia Cornea Society Manila, Philippines
November 2012	Wills Eye Institute Biennial Cornea Conference Philadelphia, Pennsylvania

February 2013	Georgia Society of Ophthalmology, Emory Eye Center and MCG Department of Ophthalmology (GEM) Eye Meeting Atlanta, Georgia
February 2013	Annual Meeting of the Aspen Corneal Society Aspen, Colorado
March 2013	Lo Mejor en Cornea Mexico City, Mexico
April 2013	Annual Meeting of the American Society of Cataract and Refractive Surgery San Francisco, California
May 2013	Annual Meeting of the Association for Research in Vision and Ophthalmology Seattle, Washington
May 2013	Advances in Corneal Surgery Symposium Los Angeles, California
May 2013	The 8 th International Symposium of Chosun University Hospital Gwangju, Korea
June 2013	Annual Meeting of the Eye Bank Association of America Chicago, Illinois
July 2013	AAPOS & SNEC Joint Meeting Singapore
September 2013	Annual Conference of the Intraocular Implant and Refractive Society of India New Delhi, India
September 2013	Nineteenth International Course of Cornea and Refractive Surgery Puerto Vallarta, Mexico
October 2013	Inflammation and Ocular Surface Focus Group Hamburg, Germany
November 2013	International Symposium of Ophthalmology Guangzhou, China
November 2013	Annual Meeting of the American Academy of Ophthalmology New Orleans, Louisiana

December 2013	Keracon 2013 (First National Meeting of the Cornea Society of India) Goa, India
February 2014	All India Ophthalmology Society Meeting Agra, India
February 2014	Gordon Research Conference Ventura, California
March 2014	Fuchs Corneal Dystrophy Symposium Baltimore, Maryland
March 2014	31 st Annual Current Concepts in Ophthalmology Vail, Colorado
April 2014	Annual Meeting of the American Society of Cataract and Refractive Surgery Boston, Massachusetts
May 2014	Annual Meeting of the Association for Research in Vision and Ophthalmology Orlando, Florida
June 2014	Annual Meeting of the Eye Bank Association of America Portland, Oregon
July 2014	Disha Eye Hospitals Annual Academic Meeting Kolkata, India
July 2014	8th International Ophthalmology Course at the University of Chile Santiago, Chile
October 2014	90th Congress of the Spanish Society of Ophthalmology Bilbao, Spain
October 2014	Annual Meeting of the American Academy of Ophthalmology Chicago, Illinois
November 2014	Inflammation and Ocular Surface Focus Group New York, New York
December 2014	4 th Biennial Scientific Meeting of the Asia Cornea Society Taipei, Taiwan

January 2015	3 rd Biennial Scientific Meeting of the Indonesian Society of Cataract and Refractive Surgery Jakarta, Indonesia
February 2015	52 nd Actualization Course in Ophthalmology Mexico City, Mexico
April 2015	World Cornea Congress San Diego, California
April 2015	Annual Meeting of the American Society of Cataract and Refractive Surgery San Diego, California
May 2015	Annual Meeting of the Association for Research in Vision and Ophthalmology Denver, Colorado
June 2015	Annual Meeting of the Eye Bank Association of America Atlanta, Georgia
July 2015	OSKON 2015– 2 nd Meeting of Ocular Surface & Keratoprosthesis Chennai, India
July 2015	Jornadas Benjamin Boyd Annual Meeting of the Panamanian Society of Ophthalmology Panama City, Panama
September 2015	Nineteenth International Course of Cornea and Refractive Surgery Cancun, Mexico
October 2015	2 nd ASEAN Ophthalmology Society Congress in conjunction with the Vietnam National Congress of Ophthalmology Hanoi, Vietnam
November 2015	Annual Meeting of the American Academy of Ophthalmology Las Vegas, Nevada
December 2015	55 th Annual Walter Wright Symposium Toronto, Canada
February 2016	World Ophthalmology Congress Guadalajara, Mexico
March 2016	Fuchs Corneal Dystrophy Symposium Baltimore, Maryland

May 2016	Annual Meeting of the Association for Research in Vision and Ophthalmology Seattle, Washington
May 2016	Annual Meeting of the American Society of Cataract and Refractive Surgery New Orleans, Louisiana
August 2016	Annual Meeting of the Baja California College of Ophthalmology Ensenada, Mexico
September 2016	Biennial meeting of the International Society for Eye Research Tokyo, Japan
October 2016	Annual Meeting of the American Academy of Ophthalmology Chicago, Illinois
November 2016	Anterior Segment Reconstruction 2016 Mexico City, Mexico
December 2016	UCSF Ophthalmology Update 2016 San Francisco, California
December 2016	5 th Biennial Scientific Meeting of the Asia Cornea Society Seoul, Korea
May 2017	Annual Meeting of the American Society of Cataract and Refractive Surgery Los Angeles, California
June 2017	Annual meeting of the Societa Italiana Cellule Staminali e Superficie Oculare (SICSSO) Grosseto, Italy
July 2017	Armenian EyeCare Project - International Ophthalmology Conference Yerevan, Armenia
August 2017	Annual Conference of Indian Society of Cornea & Kerato-Refractive Surgeons Delhi, India
September 2017	Cornea Connect: International Symposium on Corneal Disorders Madurai, India

October 2017	Massachusetts Eye and Ear Biennial Cornea Conference Boston, Massachusetts
November 2017	Annual Meeting of the American Academy of Ophthalmology New Orleans, Louisiana
November 2017	Vietnam Ophthalmological Society Congress Hanoi, Vietnam
December 2017	4th Biennial Scientific Meeting of the Indonesian Society of Cataract and Refractive Surgery Jakarta, Indonesia
February 2018	Ophthalmic Society of South Africa Annual Congress Johannesburg, South Africa
February 2018	Aspen Corneal Society 38 th Annual Meeting Aspen, Colorado
February 2018	Gordon Research Conference Ventura, California
March 2018	Fuchs Corneal Dystrophy Symposium Philadelphia, Pennsylvania
March 2018	20th Bowman Club Annual Meeting Newcastle upon Tyne, UK
April 2018	Annual Meeting of the American Society of Cataract and Refractive Surgery Washington, D.C.
April 2018	Annual Meeting of the Saudi Ophthalmology Society Riyadh, Saudi Arabia
May 2018	Biennial Meeting of the Asia Cornea Society Qingdao, China
May 2018	Curso de Formación y Perfeccionamiento de Oftalmólogos 2018 Santiago, Chile
June 2018	102 nd Annual Meeting of the Pacific Coast Oto-Ophthalmological Society Coeur D'Alene, Idaho
August 2018	XXVII Peruvian Congress of Ophthalmology

	Lima, Peru
September 2018	Nebraska Academy of Eye Physicians and Surgeons Fall Scientific Meeting Omaha, Nebraska
October 2018	Third Annual BoAo Cornea Forum of Asia BoAo, China
October 2018	Annual Meeting of the American Academy of Ophthalmology Chicago, Illinois
November 2018	Vietnam Ophthalmological Society Congress Saigon, Vietnam
November 2018	Annual Congress of the Iranian Society of Ophthalmology Tehran, Iran
March 2019	34th Asia-Pacific Academy of Ophthalmology Congress Bangkok, Thailand
April 2019	Cornea 360 Scottsdale, Arizona
April 2019	Annual Meeting of the American Society of Cataract and Refractive Surgery San Diego, California
August 2019	First Annual Ho Chi Minh City Ophthalmology Open Conference Saigon, Vietnam
August 2019	Annual Meeting of the Baja California College of Ophthalmology Tijuana, Mexico
August 2019	First Annual Congreso de Cornea Colombia Bogota, Columbia
September 2019	Annual Meeting of the German Ophthalmological Society (DOG) Berlin, Germany
October 2019	Annual Meeting of the American Academy of Ophthalmology San Francisco, California
October 2019	Twenty fifth International Course of Cornea and Refractive Surgery Merida, Mexico

November 2019	Hong Kong Hospital Authority Central Commissioned Training Programme Hong Kong, China
January 2020	Fuchs Corneal Dystrophy Symposium Palm Beach Gardens, Florida
February 2020	Fourth Jakarta Eye Center International Meeting Jakarta, Indonesia

SCIENTIFIC PRESENTATIONS

1. “Conjunctival deposition of mast cell tryptase and neutrophil elastase in vernal keratoconjunctivitis” (*poster presentation*)
Annual meeting of the Association for Research in Vision and Ophthalmology
Sarasota, Florida – May 1994
2. “Control of inflammation in the post-cataract/IOL surgical population using topical anti-inflammatory agents”
Wills Eye Hospital Annual Conference
Philadelphia, Pennsylvania – March 1998
3. “Static and dynamic low contrast visual acuity in patients after PRK and PTK”
Wills Eye Hospital Annual Conference
Philadelphia, Pennsylvania – March 1999
4. “Surgical excision of selected amblyogenic periorbital capillary hemangiomas - a report of two cases” (*poster presentation*)
Wills Eye Hospital Annual Conference
Philadelphia, Pennsylvania – March 1999
5. “Treatment strategies for chronic postoperative Propionibacterium acnes endophthalmitis”
Annual meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida – May 1999
6. “The Wills Eye Hospital fascia lata bank: a ten year experience 1988-1998” (*poster presentation*)
International Oncology Congress
Philadelphia, Pennsylvania - May 1999
7. “Congenital corneal opacification in De Bary syndrome”
Annual Meeting of the Contact Lens Association of Ophthalmologists
Las Vegas, Nevada – January 2000

8. "Loteprednol etabonate 0.2% in the treatment of Staph marginal keratitis and subepithelial corneal infiltrates associated with adenoviral keratoconjunctivitis" (poster presentation)
Wills Eye Hospital Annual Conference
Philadelphia, Pennsylvania - March 2000
9. "Bungee cord-associated ocular trauma" (poster presentation)
Annual meeting of the Association for Research in Vision and Ophthalmology Fort
Lauderdale, Florida – May 2000
10. "Bungee cord-associated ocular trauma" (poster presentation)
Annual Meeting of the American Academy of Ophthalmology
Dallas, Texas – October 2000
11. "Central corneal mucopolysaccharide dystrophy" (poster presentation)
Annual meeting of the Association for Research in Vision and Ophthalmology Fort
Lauderdale, Florida – May 2001
12. "A novel technique for harvesting keratolimbal allografts from corneoscleral buttons" (poster presentation)
Annual Meeting of the American Academy of Ophthalmology
New Orleans, Louisiana – November 2001
13. "The molecular genetics of macular corneal dystrophy"
Annual Research Conference, Department of Ophthalmology, Loma Linda
University School of Medicine
Loma Linda, California – April 2002
14. "Spontaneous corneal hydrops and perforation in keratoconus and pellucid marginal degeneration" (poster presentation)
Annual meeting of the Association for Research in Vision and Ophthalmology Fort
Lauderdale, Florida – May 2002
15. "The Future is now: cornea and anterior segment surgery in the 21st century"
Annual Postgraduate Convention, Loma Linda University
Loma Linda, California – March 2003
16. "Advances in refractive IOL technology: promises, procedures, pearls and pitfalls"
XXIV Pan American Congress of Ophthalmology
San Juan, Puerto Rico – March 2003
17. "Everything that you wanted to know about amniotic membrane transplantation but were afraid to ask"
XXIV Pan American Congress of Ophthalmology

San Juan, Puerto Rico – March 2003

18. “Management of postoperative LASIK complications”
XXIV Pan American Congress of Ophthalmology
San Juan, Puerto Rico – April 2003
19. “Novel mutations in the CHST6 gene associated with macular corneal dystrophy in American patients ” (poster presentation)
Annual meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida – May 2003
20. “A novel variant of combined granular-lattice corneal dystrophy”
12th Annual VISTA Scientific Conference
Fort Lauderdale, Florida – May 2003
21. “Mutation analysis of the VSX1 gene in patients with posterior polymorphous corneal dystrophy” (poster presentation)
Annual Meeting of the American Society of Human Genetics
Los Angeles, California – Nov 2003
22. “Current status of phakic IOLs: indications, surgical techniques, postoperative complications and outcomes”
3rd Annual San Francisco Cornea Symposium
San Francisco, California – April 2004
23. “Candidate gene screening for posterior polymorphous corneal dystrophy” (poster presentation)
Annual meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida – April 2004
24. “A novel corneal dystrophy associated with the Gly623Asp missense change in the TGFBI gene”
13th Annual VISTA Scientific Conference
Fort Lauderdale, Florida – April 2004
25. “The clinical utility of molecular genetic analysis in cornea and external disease”
Annual Research Conference, Department of Ophthalmology, Loma Linda University School of Medicine
Loma Linda, California – June 2004
26. “A unique corneal dystrophy associated with the Gly623Asp missense change in the TGFBI gene” (poster presentation)
Annual Meeting of the American Academy of Ophthalmology
New Orleans, Louisiana – October 2004
27. “Use of genetic analysis in the diagnosis of corneal opacification”

7th Annual Jules Stein Eye Institute and SCCO Symposium
Fullerton, California – January 2005

28. “Keratoprosthesis (artificial corneal) implantation: what every ophthalmologist should know”

Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – February 2005

29. “The clinical utility of genetic testing in the diagnosis and management of inherited ocular disorders: a practical guide”

Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – February 2005

30. “Current status of phakic IOLs: indications, surgical techniques, postoperative complications and outcomes”

Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – February 2005

31. “Amniotic membrane transplantation: uses and abuses”

Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – February 2005

32. “Keratoprosthesis implantation: what every ophthalmologist should know”

Grand Rounds Lecture, Department of Ophthalmology
The University of California, San Francisco
San Francisco, CA – April 2005

33. “The genetics of the TGFBI dystrophies”

Invited Lecture, World Cornea Congress
Washington, D.C. – April 2005

34. “Ocular surface toxicity associated with topical interferon alpha-2b”

14th Annual VISTA Scientific Conference
Fort Lauderdale, Florida – April 2005

35. “Exclusion of nine positional candidate genes for Schnyder crystalline corneal dystrophy” (poster presentation)

Annual meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida – May 2005

36. “Keratoprosthesis surgery”

Annual Research Conference, Department of Ophthalmology, Loma Linda University School of Medicine
Loma Linda, California - May 2005

37. “The clinical utility of genetic testing in the diagnosis of corneal opacification”

Visiting Professor Lecture, Scheie Eye Institute
The University of Pennsylvania
Philadelphia, Pennsylvania – December 2005

38. “Keratoprosthesis implantation: what every ophthalmologist should know”
Grand Rounds Lecture, Scheie Eye Institute
The University of Pennsylvania
Philadelphia, Pennsylvania – December 2005

39. “Keratoprosthesis surgery as an alternative to penetrating keratoplasty”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – February 2006

40. “The clinical utility of genetic testing in the diagnosis of corneal opacification”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – February 2006

41. “The identification of TCF8 gene mutations in posterior polymorphous corneal dystrophy”
15th Annual VISTA Scientific Conference
Fort Lauderdale, Florida – April 2005

42. “Genetic analysis of corneal opacification in children”
Pediatric Keratoplasty Association Meeting
Fort Lauderdale, Florida – May 2006

43. “No pathogenic mutations identified in the COL8A1 and COL8A2 genes in familial Fuchs corneal dystrophy”
CEDAS Annual Meeting
Fort Lauderdale, Florida – May 2006

44. “No VSX1 mutations associated with keratoconus” (poster presentation)
Annual meeting of the Association for Research in Vision and Ophthalmology Fort
Lauderdale, Florida – May 2006

45. “Advances in corneal and anterior segment surgery: new treatments for old problems”
Annual Island Eyes Conference
Kauai, Hawaii – January 2007

46. “The clinical utility of genetic testing in the diagnosis and management of inherited corneal disorders: a practical guide”
Annual Island Eyes Conference
Kauai, Hawaii – January 2007

47. “Keratoprosthesis implantation: what every eye care professional should know”

Annual Island Eyes Conference
Kauai, Hawaii – January 2007

48. “Amniotic membrane transplantation: uses and abuses”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – February 2007

49. “Elucidating the molecular genetic basis of the corneal dystrophies: are we there yet?”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – February 2007

50. “All in the family”
16th Annual VISTA Scientific Conference
Fort Lauderdale, Florida – May 2007

51. “Posterior polymorphous corneal dystrophy is associated with TCF8 mutations in approximately one-quarter of affected families” (poster presentation)
Annual meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida – May 2007

52. “The Boston keratoprosthesis: outcomes in a multicenter trial and a single surgeon’s experience”
The Armenian EyeCare Project Tenth International Ophthalmology Conference
Yerevan, Armenia – June 2007

53. “The clinical utility of genetic testing in the diagnosis of corneal opacification”
Visiting Professor Lecture, Department of Ophthalmology
Northwestern University School of Medicine
Chicago, Illinois – September 2007

54. “New techniques in corneal transplantation”
Cornea and Retina Symposium
Los Angeles, California – January 2008

55. “The clinical utility of genetic testing in the diagnosis and management of inherited corneal disorders”
66th Annual Conference of the All India Ophthalmological Society
Bangalore, India – February 2008

56. “The American Academy of Ophthalmology’s Code of Ethics: practical application for the practicing ophthalmologist”
5th Annual Ophthalmology Update – From Front to Back
San Juan, Puerto Rico – February 2008

57. “From bench to bedside: ophthalmology in the era of genomic medicine”

5th Annual Ophthalmology Update – From Front to Back
San Juan, Puerto Rico – February 2008

58. “Treatment of symptomatic epithelial basement membrane corneal dystrophy: an evidence-based approach”
Annual Meeting of the American Society for Cataract and Refractive Surgery
Chicago, Illinois – April 2008
59. “Not your average red eye”
17th Annual VISTA Scientific Conference
Fort Lauderdale, Florida – April 2008
60. “Keratoprosthesis (artificial corneal) implantation: what you don’t know may surprise you”
Gaynelle Robertson Memorial Lectureship in Ophthalmology
Cornea: Developments in Medical and Surgical Therapeutics
Galveston, Texas – June 2008
61. “The clinical utility of genetic testing in the diagnosis and management of inherited corneal disorders: a practical guide”
Cornea: Developments in Medical and Surgical Therapeutics
Galveston, Texas – June 2008
62. “Descemet’s stripping endothelial keratoplasty: a new treatment for an old problem”
Cornea: Developments in Medical and Surgical Therapeutics
Galveston, Texas – June 2008
63. “DSEK: Important lessons learned from my first 75 cases”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland – September 2008
64. “DSEK in the glaucoma patient: risks and rewards”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland – September 2008
65. “Future gene therapy in the treatment of corneal disease”
Annual Meeting of the American Academy of Ophthalmology
Atlanta, Georgia – November 2008
66. “Femtosecond laser-assisted penetrating keratoplasty: indications, techniques and results”
All India Ophthalmology Society Meeting
Jaipur, India - February 2009

67. “Does topical cyclosporine really work in managing severe allergic conjunctivitis?”
Annual Ocular Drug and Surgical Therapy Update Meeting
Dana Point, California - February 2009
68. “From bench to bedside: genetic therapy in the treatment of corneal disorders”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – February 2009
69. “DSEK: important lessons learned from my first 100 cases”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – February 2009
70. “The use of the femtosecond laser in corneal surgery: a fad or the future?”
King Khaled Eye Specialist Hospital
Riyadh, Saudi Arabia – March 2009
71. “DSEK: important lessons learned from my first 100 cases”
Biennial MEACO International Congress
Manama, Bahrain– March 2009
72. “Amniotic membrane transplantation: uses and abuses”
Biennial MEACO International Congress
Manama, Bahrain– March 2009
73. “Options and outcomes in the management of bilateral complete corneal limbal stem cell deficiency”
Biennial MEACO International Congress
Manama, Bahrain– March 2009
74. “Management of anterior basement membrane dystrophy and Salzmann’s nodular degeneration”
Annual Meeting of the American Society for Cataract and Refractive Surgery
San Francisco, California – April 2009
75. “Outcomes after DSEK in glaucoma patients with previous trabeculectomy and tube shunt implantation”
Annual Meeting of the American Society for Cataract and Refractive Surgery
San Francisco, California – April 2009
76. “Femtosecond laser-assisted penetrating keratoplasty: improving outcomes and avoiding complications”
Annual Meeting of the American Society for Cataract and Refractive Surgery
San Francisco, California – April 2009

77. “Descemet’s stripping endothelial keratoplasty (DSEK) after Ophtec 311 iris reconstruction lens implantation”
Annual Meeting of the American Society for Cataract and Refractive Surgery
San Francisco, California – April 2009
78. “Bench to bedside: genetics that make sense”
Annual Dallas Spring Ophthalmology Symposium
Dallas, Texas – April 2009
79. “Ocular surface disease: consensus to clinic: ‘DEWS’ and don’ts”
Annual Dallas Spring Ophthalmology Symposium
Dallas, Texas – April 2009
80. “Remaining questions on molecular genetics of the TGFBI dystrophies”
Fifth Annual ARVO/Pfizer Ophthalmics Research Institute
Fort Lauderdale, Florida – May 2009
81. “Performing accurate IOL power calculations in patients undergoing combined DSEK and cataract extraction” (poster presentation)
Annual meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida – May 2009
82. “Performing accurate IOL power calculations in patients undergoing combined DSEK and cataract extraction”
18th Annual VISTA Scientific Conference
Fort Lauderdale, Florida – May 2009
83. “Epithelial debridement and Bowman’s layer polishing for visually significant epithelial irregularity and recurrent corneal erosions”
CEDAS Annual Meeting
Fort Lauderdale, Florida – May 2009
84. “From the lab to the lane: molecular diagnostic testing and gene therapy for inherited ocular disorders”
Chicago Ophthalmology Society
Chicago, Illinois – May 2009
85. “The Boston keratoprosthesis: improving outcomes and expanding indications”
New England Ophthalmological Society
Boston, Massachusetts – May 2009
86. “From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited ocular disorders”
New England Ophthalmological Society
Boston, Massachusetts – May 2009

87. “Endothelial keratoplasty: what I have learned”
A Deeper Look at Keratoplasty Symposium
Los Angeles, California – May 2009
88. “Femtosecond laser-assisted corneal transplantation: a fad or the future?”
Rocky Mountain Lions Eye Institute 13th Annual Ophthalmology Symposium
Denver, Colorado – September 2009
89. “From the lab to the lane: molecular diagnostic testing and gene therapy for inherited ocular disorders”
Rocky Mountain Lions Eye Institute 13th Annual Ophthalmology Symposium
Denver, Colorado – September 2009
90. “Options and outcomes in the management of bilateral complete corneal limbal stem cell deficiency”
Rocky Mountain Lions Eye Institute 13th Annual Ophthalmology Symposium
Denver, Colorado – September 2009
91. “From the lab to the lane: molecular diagnostic testing and gene therapy for inherited ocular disorders”
Visiting Professor Lecture, Department of Ophthalmology
California Pacific Medical Center
San Francisco, California – November 2009
92. “Extreme DSEK: from aphakia to zonular dehiscence”
19th Annual Iranian Congress of Ophthalmology
Tehran, Iran – November 2009
93. “Management of symptomatic epithelial basement membrane corneal dystrophy”
19th Annual Iranian Congress of Ophthalmology
Tehran, Iran – November 2009
94. “DSEK: important lessons learned from my first 100 cases”
19th Annual Iranian Congress of Ophthalmology
Tehran, Iran – November 2009
95. “From consensus to the clinic in the diagnosis and management of ocular surface disease: “DEWS” and don’ts”
19th Annual Iranian Congress of Ophthalmology
Tehran, Iran – November 2009
96. “Recent advances in anterior segment imaging”
19th Annual Iranian Congress of Ophthalmology
Tehran, Iran – November 2009

97. “The clinical utility of genetic testing in the diagnosis and management of inherited ocular disorders: a practical guide”
25th Malaysia-Singapore Ophthalmic Congress
Kuala Lumpur, Malaysia – November 2009
98. “The Boston type I keratoprosthesis: improving outcomes and expanding indications”
25th Malaysia-Singapore Ophthalmic Congress
Kuala Lumpur, Malaysia – November 2009
99. “From the lab to the lane: molecular diagnostic testing and gene therapy for inherited ocular disorders”
25th Malaysia-Singapore Ophthalmic Congress
Kuala Lumpur, Malaysia – November 2009
100. “Extreme DSEK: from aphakia to zonular dehiscence”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – February 2010
101. “Femtosecond laser-assisted corneal transplantation: a fad or the future?”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – February 2010
102. “DSEK vs. femtosecond-assisted PK for the management of Fuchs corneal dystrophy and pseudophakic corneal edema: selecting the right surgery”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland – February 2010
103. “Extreme DSEK: from aphakia to zonular dehiscence”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland – February 2010
104. “Performing accurate IOL power calculations in patients underlying combined DSAEK and cataract extraction”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland – February 2010
105. “Femtosecond laser-assisted penetrating keratoplasty for keratoconus”
Annual Meeting of the American Society for Cataract and Refractive Surgery
Boston, Massachusetts – April 2010
106. “Ocular surface disease: consensus to the clinic: ‘DEWS’ and don’ts”
Nashville Academy of Ophthalmology
Nashville, Tennessee – April 2010
107. “Extreme DSEK: from aphakia to zonular dehiscence”

Texas Ophthalmology Association Annual Meeting
Ft. Worth, Texas – April 2010

108. “From the lab to the lane: molecular diagnostic testing and gene therapy for inherited ocular disorders”

Loma Linda University Medical Center Department of Ophthalmology Resident
Research Symposium
Loma Linda, CA – May 2010

109. “Femtosecond laser-assisted corneal transplantation: a fad or the future?”

Loma Linda University Medical Center Department of Ophthalmology Resident
Research Symposium
Loma Linda, CA – May 2010

110. “Lessons learned from 100 keratoprosthesis procedures: the role of contact lenses and other controversies”

Harold A. Stein, MD Lecture
CLAO Education and Research Foundation Scientific Symposium
Las Vegas, NV – September 2010

111. “Glaucoma management in patients undergoing implantation of the Boston type I keratoprosthesis”

Cornea Society/EBAA Fall Educational Symposium
Chicago, Illinois – October 2010

112. “Keratoprosthesis: What are the long term concerns”

Cornea Subspecialty Day
Annual Meeting of the American Academy of Ophthalmology
Chicago, Illinois – October 2010

113. “Pterygium surgery barrier techniques: amniotic membrane”

Cornea Society Symposium
Annual Meeting of the American Academy of Ophthalmology
Chicago, Illinois – October 2010

114. “International use of the Boston keratoprosthesis”

Keratoprosthesis Course: Advancements in Visual Rehabilitation
Weill Corneal Medical College
New York, New York – November 2010

115. “Recent advances in anterior segment imaging”

Cornea Connect: International Symposium on Corneal Disorders
Madurai, India - January 2011

116. “Extreme DSEK: from aphakia to zonular dehiscence”

Cornea Connect: International Symposium on Corneal Disorders

Madurai, India - January 2011

117. “Femtolasers in corneal disorders”

Cornea Connect: International Symposium on Corneal Disorders
Madurai, India - January 2011

118. “Boston type I keratoprosthesis”

Cornea Connect: International Symposium on Corneal Disorders
Madurai, India - January 2011

119. “Amniotic membrane: uses and abuses”

Cornea Connect: International Symposium on Corneal Disorders
Madurai, India - January 2011

120. “Demonstration of the utility of next-generation sequencing in the evaluation of the posterior polymorphous corneal dystrophy 1 locus”

Asia ARVO Annual Meeting
Singapore – January 2011

121. “From the lab to the lane: molecular diagnostic testing and gene therapy for inherited corneal disorders”

Asia ARVO Annual Meeting
Singapore – January 2011

122. “From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited corneal disorders”

Visiting Professor Lecture, Department of Ophthalmology
University of California, Davis Medical Center
Davis, California – February 2011

123. “Cataract surgery in the patient with corneal disease: dos and don'ts”

Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – March 2011

124. “Extreme DSEK: from aphakia to zonular dehiscence”

Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – March 2011

125. “Recent advances in anterior segment imaging”

Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – March 2011

126. “Options and outcomes in the management of corneal limbal stem cell deficiency”

Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – March 2011

127. “Descemet’s stripping endothelial keratoplasty: important lessons learned from my first 200 cases”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – March 2011
128. “Easily overlooked corneal diagnoses and management strategies: epithelial basement membrane dystrophy”
Cornea Society Symposium
Annual Meeting of the American Society for Cataract and Refractive Surgery
San Diego, California – March 2011
129. “Infectious keratitis following Boston type I keratoprosthesis implantation: incidence, organisms, and outcomes”
Annual Meeting of the American Society for Cataract and Refractive Surgery
San Diego, California – March 2011
130. “Management of corneal limbal stem cell deficiency”
Visiting Professor Lecture, Department of Ophthalmology
Dalhousie University
Halifax, Nova Scotia – April 2011
131. “Options and outcomes in the management of corneal limbal stem cell deficiency”
Loma Linda University Medical Center Department of Ophthalmology Resident
Research Symposium
Loma Linda, CA – May 2011
132. “Genetic therapy for inherited ocular disorders: the future has arrived”
Loma Linda University Medical Center Department of Ophthalmology Resident
Research Symposium
Loma Linda, CA – May 2011
133. “The global use of the Boston keratoprosthesis”
Ralph and Sophie Heintz Lecture
37th Annual Meeting, H. Bruce Ostler Association of Proctor Fellows
Marshall, California – June 2011
134. “Global corneal blindness and the Boston keratoprosthesis”
Jorge Rodriguez, MD, MPH, Memorial Lectureship
University of Arizona Department of Ophthalmology
Tucson, Arizona – June 2011
135. “Amniotic membrane transplantation”
Indian Intraocular Implant and Refractive Surgery Convention
Chennai, India – July 2011

136. “Extreme DSEK”
Indian Intraocular Implant and Refractive Surgery Convention
Chennai, India – July 2011
137. “The Boston type I keratoprosthesis”
Indian Intraocular Implant and Refractive Surgery Convention
Chennai, India – July 2011
138. “Cataract surgery in the patient with corneal disease: dos and don’ts”
Indian Intraocular Implant and Refractive Surgery Convention
Chennai, India – July 2011
139. “Femtosecond laser-assisted lamellar and penetrating keratoplasty”
Indian Intraocular Implant and Refractive Surgery Convention
Chennai, India – July 2011
140. “From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited corneal disorders”
Visiting Professor Lecture, Department of Ophthalmology
Massachusetts Eye and Ear Infirmary
Boston, Massachusetts – September 2011
141. “Customized corneal transplantation: choosing the right surgery for your patients”
Visiting Professor Lecture, Department of Ophthalmology
Massachusetts Eye and Ear Infirmary
Boston, Massachusetts – September 2011
142. “From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited corneal disorders”
Visiting Professor Lecture, Department of Ophthalmology
Henry Ford Hospital
Detroit, Michigan – October 2011
143. “Customized corneal transplantation: choosing the right surgery for your patients”
Visiting Professor Lecture, Department of Ophthalmology
Henry Ford Hospital
Detroit, Michigan – October 2011
144. “International Results with the Boston Type I Keratoprosthesis”
Cornea Society/EBAA Fall Educational Symposium
Orlando, Florida - October 2011
145. “Boston keratoprosthesis”
Refractive Surgery Subspecialty Day
Annual Meeting of the American Academy of Ophthalmology

- Orlando, Florida - October 2011
146. “Femtosecond laser-assisted lamellar and penetrating keratoplasty: a fad or the future?”
21st Annual Iranian Congress of Ophthalmology
Tehran, Iran – November 2011
 147. “Cataract surgery in the patient with corneal disease: dos and don’ts”
21st Annual Iranian Congress of Ophthalmology
Tehran, Iran – November 2011
 148. “Amniotic membrane transplantation: uses and abuses”
21st Annual Iranian Congress of Ophthalmology
Tehran, Iran – November 2011
 149. “The Boston type I keratoprosthesis: improving outcomes and expanding indications”
21st Annual Iranian Congress of Ophthalmology
Tehran, Iran – November 2011
 150. “Amniotic membrane transplantation: uses and abuses”
Current Concepts in Ophthalmology
Atlantic City, New Jersey – January 2012
 151. “Femtosecond laser-assisted lamellar and penetrating keratoplasty: a fad or the future?”
Current Concepts in Ophthalmology
Atlantic City, New Jersey – January 2012
 152. “Extreme DSEK: from aphakia to zonular dehiscence”
Current Concepts in Ophthalmology
Atlantic City, New Jersey – January 2012
 153. “Outcomes of the Boston keratoprosthesis in India and around the world”
All India Ophthalmology Society Meeting
Cochin, India– February 2012
 154. “Fuchs, Congenital Hereditary and Posterior Polymorphous Corneal Dystrophies: Variations on a Common Genetic Theme?”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland – March 2012
 155. “Important Considerations in the Management of Patients with Fuchs Endothelial Corneal Dystrophy and Cataracts”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland – March 2012

156. “Does Size Matter? The Effects of the Incision in DSEK Surgery”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland – March 2012
157. “Femtosecond laser-assisted lamellar and penetrating keratoplasty: a fad or the future?”
Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – March 2012
158. “Recent Advances in Anterior Segment Imaging”
Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – March 2012
159. “The Boston type I keratoprosthesis: improving outcomes and expanding indications”
Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – March 2012
160. “Customized corneal transplantation: choosing the right surgery for your patients”
Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – March 2012
161. “The American Academy of Ophthalmology’s Code of Ethics: practical application for the practicing ophthalmologist”
Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – March 2012
162. “Femtosecond laser-assisted lamellar and penetrating keratoplasty: a fad or the future?”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – March 2012
163. “Deep anterior lamellar keratoplasty (DALK): is the big bubble worth the trouble?”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – March 2012
164. “The clinical utility of genetic testing in the diagnosis and management of inherited corneal disorders: a practical guide”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – March 2012
165. “Management of the malpositioned IOL made easy”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – March 2012

166. “Important considerations in the management of patients with Fuchs endothelial corneal dystrophy and cataracts”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – March 2012
167. “Does topical cyclosporin A really work: evidence-based review”
Annual Meeting of the Asia-Pacific Academy of Ophthalmology
Busan, Korea – April 2012
168. “Analysis of the role of ZEB1 in the pathogenesis of posterior polymorphous corneal dystrophy”
Annual Meeting of the Asia-Pacific Academy of Ophthalmology
Busan, Korea – April 2012
169. “International results with the Boston type I keratoprosthesis”
Annual Meeting of the Asia-Pacific Academy of Ophthalmology
Busan, Korea – April 2012
170. “Femtosecond laser-assisted deep anterior lamellar keratoplasty for advanced corneal ectasia”
Annual Meeting of the Asia-Pacific Academy of Ophthalmology
Busan, Korea – April 2012
171. “Femtosecond laser-assisted keratoplasty for keratoconus”
Annual Meeting of the Asia-Pacific Academy of Ophthalmology
Busan, Korea – April 2012
172. “Options and outcomes in the management of corneal limbal stem cell deficiency”
Cornea Subspecialty Day
Annual Meeting of the American Society for Cataract and Refractive Surgery
Chicago, Illinois – April 2012
173. “Femtosecond laser-assisted keratoplasty for keratoconus”
Annual Meeting of the American Society for Cataract and Refractive Surgery
Chicago, Illinois – April 2012
174. “Options and outcomes in the management of corneal limbal stem cell deficiency”
Visiting Professor Lecture, Dry Eye Grand Rounds
The Wilmer Eye Institute
Baltimore, Maryland – May 2012
175. “Setting the record straight: separating fact from fiction in the pathogenesis of the corneal endothelial dystrophies”

Loma Linda University Medical Center Department of Ophthalmology Resident
Research Symposium
Loma Linda, CA – May 2012

176. “Endothelial keratoplasty in the glaucoma patient: risks and rewards”
Loma Linda University Medical Center Department of Ophthalmology Resident
Research Symposium
Loma Linda, CA – May 2012

177. “Update on anterior segment imaging”
Annual Meeting of the Canadian Ophthalmological Society
Toronto, Canada – June 2012

178. “PKP vs DALK: is the big bubble worth the trouble?”
Annual Meeting of the Canadian Ophthalmological Society
Toronto, Canada – June 2012

179. “Genetics: a practical guide to diagnosis and therapy in inherited ocular disorders”
Annual Meeting of the Canadian Ophthalmological Society
Toronto, Canada – June 2012

180. “Important considerations in the management of patients with Fuchs endothelial corneal dystrophy and cataracts”
Annual Meeting of the Canadian Ophthalmological Society
Toronto, Canada – June 2012

181. “Boston type I keratoprosthesis: improving outcomes and expanding indications”
W. Bruce Jackson Lecture
Annual Meeting of the Canadian Ophthalmological Society
Toronto, Canada – June 2012

182. “Options and outcomes in the management of corneal limbal stem cell deficiency”
7th International Ophthalmology Course at the University of Chile
Santiago, Chile - July 2012

183. “Descemet’s stripping endothelial keratoplasty (DSEK): important lessons learned from my first 300 cases”
7th International Ophthalmology Course at the University of Chile
Santiago, Chile - July 2012

184. “Customized corneal transplantation: choosing the right surgery for your patients”
7th International Ophthalmology Course at the University of Chile
Santiago, Chile - July 2012

185. "Cataract surgery in the patient with corneal disease: dos and don'ts"
7th International Ophthalmology Course at the University of Chile
Santiago, Chile - July 2012
186. "The clinical utility of genetic testing in the diagnosis and management of inherited ocular disorders: a practical guide"
7th International Ophthalmology Course at the University of Chile
Santiago, Chile - July 2012
187. "Cataract surgery in the patient with corneal disease: pearls and pitfalls"
John J. Skowron Lecture
5th Annual Glaucoma/Cataract Symposium
Chicago, Illinois – September 2012
188. "Cataract surgery in the eye with corneal pathology: recognition, avoidance and management"
Retina Update 2012
Sacramento, California – September 2012
189. "From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited corneal disorders"
University of Iowa Clinical Conference Lecture Series
Iowa City, Iowa – September 2012
190. "Femtosecond laser-assisted keratoplasty and keratotomy: a fad or the future?"
University of Iowa Clinical Conference Lecture Series
Iowa City, Iowa – September 2012
191. "Developing and maintaining a successful, ethical international ophthalmology program"
Annual Meeting of the American Academy of Ophthalmology
Chicago, Illinois - November 2012
192. "The Boston type I keratoprosthesis: expanding indications in North America and around the world"
Annual Meeting of the American Academy of Ophthalmology
Chicago, Illinois - November 2012
193. "Report of the Eye Bank Association of America Medical Advisory Board Subcommittee on Fungal Infection Following Corneal Transplantation"
Annual Meeting of the American Academy of Ophthalmology
Chicago, Illinois - November 2012
194. "From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited corneal disorders"
Grand Rounds Lecture

- The University of Texas Health Science Center at Houston Department of Ophthalmology
Houston, Texas - November 2012
195. “Customized Corneal Transplantation: Choosing the Right Surgery for Your Patients”
Grand Rounds Lecture
Baylor University Medical Center Department of Ophthalmology
Houston, Texas - November 2012
 196. “Cataract surgery in the patient with corneal pathology: tips to avoid the traps”
Houston Ophthalmologic Society
Houston, Texas - November 2012
 197. “Femtosecond laser-assisted keratoplasty and keratotomy: a fad or the future?”
Third Biennial Scientific Meeting of the Asia Cornea Society
Manila, Philippines - November 2012
 198. “Molecular genetics and genetic counseling”
Third Biennial Scientific Meeting of the Asia Cornea Society
Manila, Philippines - November 2012
 199. “DALK – Is it worth it?”
Wills Eye Institute Biennial Cornea Conference
Philadelphia, Pennsylvania - November 2012
 200. “Femtosecond Laser PK/LK – Fad or Future?”
Wills Eye Institute Biennial Cornea Conference
Philadelphia, Pennsylvania - November 2012
 201. “K-Pro: expanding applications and managing complications”
Wills Eye Institute Biennial Cornea Conference
Philadelphia, Pennsylvania - November 2012
 202. “From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited corneal disorders”
Wilfred E. Fry, MD Memorial Corneal Lecture
Wills Eye Institute Biennial Cornea Conference
Philadelphia, Pennsylvania - November 2012
 203. “The Boston type I keratoprosthesis: improving outcomes and expanding indications”
Georgia Society of Ophthalmology, Emory Eye Center and MCG Department of Ophthalmology (GEM) Eye Meeting
Atlanta, Georgia – February 2013

204. “Management of the malpositioned IOL made easy”
Georgia Society of Ophthalmology, Emory Eye Center and MCG Department of
Ophthalmology (GEM) Eye Meeting
Atlanta, Georgia – February 2013
205. “Descemet stripping endothelial keratoplasty (DSEK) in the glaucoma patient:
risks and rewards”
Georgia Society of Ophthalmology, Emory Eye Center and MCG Department of
Ophthalmology (GEM) Eye Meeting
Atlanta, Georgia – February 2013
206. “Cataract surgery in the patient with corneal disease: pearls and pitfalls”
Georgia Society of Ophthalmology, Emory Eye Center and MCG Department of
Ophthalmology (GEM) Eye Meeting
Atlanta, Georgia – February 2013
207. “Femtosecond laser-assisted keratoplasty and keratotomy: a fad or the future?”
Visiting Professor Grand Rounds Lecture
University of Toronto Department of Ophthalmology
Toronto, Canada - February 2013
208. “Recent advances in anterior segment imaging: confocal microscopy?”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – February 2013
209. “Setting the record straight: separating fact from fiction in the pathogenesis of the
corneal endothelial dystrophies?”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – February 2013
210. “Trasplante de córnea asistida con femtosegundo”
Lo Mejor en Cornea
Mexico City, Mexico - March 2013
211. “Síndrome de Disfunción Lagrimal”
Lo Mejor en Cornea
Mexico City, Mexico - March 2013
212. “Lecciones de DSEK: los primeros 300 Casos”
Lo Mejor en Cornea
Mexico City, Mexico - March 2013
213. “Queratoplastia Lamelar Profunda (DALK)”
Lo Mejor en Cornea
Mexico City, Mexico - March 2013

214. “Cirugía de catarata en enfermedad corneal”
Lo Mejor en Cornea
Mexico City, Mexico - March 2013
215. “Utilidad clínica del análisis genético en el diagnóstico y tratamiento”
Lo Mejor en Cornea
Mexico City, Mexico - March 2013
216. “Deficiencia de células madre: injertos queratolímbicos, autoinjertos de mucosa oral”
Lo Mejor en Cornea
Mexico City, Mexico - March 2013
217. “Outcomes following 96 DSEK procedures in eyes with previous trabeculectomy and tube shunt implantation”
Annual Meeting of the American Society for Cataract and Refractive Surgery
San Francisco, California – April 2013
218. “DALK: what is the ROI”
Advances in Corneal Surgery Symposium
Los Angeles, California – May 2013
219. “The future of the Boston keratoprosthesis”
The 8th International Symposium of Chosun University Hospital
Gwangju, Korea – May 2013
220. “Long-term outcomes of concurrent glaucoma drainage device placement in patients undergoing Boston type I keratoprosthesis implantation”
Annual Meeting of the Eye Bank Association of America
Chicago, Illinois – June 2013
221. “How to incorporate molecular genetic analysis into your practice to diagnose inherited anterior segment disorders”
AAPOS & SNEC Joint Meeting
Singapore – July 2013
222. “Management of congenital corneal disorders with the Boston keratoprosthesis”
AAPOS & SNEC Joint Meeting
Singapore – July 2013
223. “The future of the Boston keratoprosthesis”
Annual Conference of the Intraocular Implant and Refractive Society of India
New Delhi, India – September 2013
224. “Cataract surgery in patients with corneal pathology: tips to avoid the traps”

- Annual Conference of the Intraocular Implant and Refractive Society of India
New Delhi, India – September 2013
225. “Femtosecond laser astigmatic keratotomy”
Annual Conference of the Intraocular Implant and Refractive Society of India
New Delhi, India – September 2013
226. “Complications of ocular surface reconstruction”
Nineteenth International Course of Cornea and Refractive Surgery
Puerto Vallarta, Mexico – September 2013
227. “DSEK in the glaucoma patient”
Nineteenth International Course of Cornea and Refractive Surgery
Puerto Vallarta, Mexico – September 2013
228. “From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited corneal disorders”
Roger F. Meyer Lecture
W.K. Kellogg Eye Center
The University of Michigan
Ann Arbor, Michigan – September 2013
229. “From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited corneal disorders”
Inflammation and Ocular Surface Focus Group
Hamburg, Germany – October 2013
230. “Donor corneal preparation for keratoplasty and keratoprosthesis surgery: the role of the eye bank”
International Symposium of Ophthalmology
Guangzhou, China - November 2013
231. “Outcomes following 113 DSEK procedures in eyes with previous trabeculectomy and tube shunt implantation”
International Symposium of Ophthalmology
Guangzhou, China - November 2013
232. “Incidence, organisms and outcomes of fungal infection following corneal transplantation”
International Symposium of Ophthalmology
Guangzhou, China - November 2013
233. “Descemet-stripping endothelial keratoplasty in challenging situations: avoiding complications and improving outcomes”
Cornea Subspecialty Day
Annual Meeting of the American Academy of Ophthalmology

- New Orleans, Louisiana - November 2013
234. "A compilation of complications in femtosecond laser keratoplasty"
Refractive Surgery Subspecialty Day
Annual Meeting of the American Academy of Ophthalmology
New Orleans, Louisiana - November 2013
 235. "Boston type 1 keratoprosthesis removal"
Annual Meeting of the American Academy of Ophthalmology
New Orleans, Louisiana - November 2013
 236. "High risk PK vs Boston keratoprosthesis"
Keracon 2013 (First National Meeting of the Cornea Society of India)
Goa, India - December 2013
 237. "DEWS and don'ts in managing dry eye disease"
Keracon 2013 (First National Meeting of the Cornea Society of India)
Goa, India - December 2013
 238. "Role of femtosecond laser in anterior lamellar keratoplasty"
Keracon 2013 (First National Meeting of the Cornea Society of India)
Goa, India - December 2013
 239. "Boston kpro- indications and technique"
Keracon 2013 (First National Meeting of the Cornea Society of India)
Goa, India - December 2013
 240. "X-linked megalocornea associated with a novel CHRDL1 gene mutation"
All India Ophthalmology Society Meeting
Agra, India - February 2014
 241. "Customized corneal transplantation: surgery selection and tissue preparation"
All India Ophthalmology Society Meeting
Agra, India - February 2014
 242. "DALK: is the big bubble worth the trouble?"
All India Ophthalmology Society Meeting
Agra, India - February 2014
 243. "Improving analysis and interpretation of clinical research data"
All India Ophthalmology Society Meeting
Agra, India - February 2014
 244. "Identification of the genetic basis of posterior amorphous corneal dystrophy"
Gordon Research Conference
Ventura, California - February 2014

245. “Functional analysis of the role of ZEB1 in PPCD and FECD”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland - March 2014
246. “Extreme DSEK”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland - March 2014
247. “Outcomes following endothelial keratoplasty in eyes with previous trabeculectomy and tube shunt implantation”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland - March 2014
248. “Femtosecond laser astigmatic keratotomy for management of post keratoplasty astigmatism”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – March 2014
249. “Microbial keratitis after Boston type I keratoprosthesis implantation: incidence, organisms, risk factors, and outcomes”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – March 2014
250. “Outcomes following DSEK in 101 eyes with previous trabeculectomy and tube shunt implantation”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – March 2014
251. “Classification of posterior polymorphous corneal dystrophy as a corneal ectatic disorder following confirmation of associated significant corneal steepening”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – March 2014
252. “Cataract surgery in the patient with corneal pathology: pearls and pitfalls”
Peter Ballen Lecture
Hofstra North Shore-LIJ School of Medicine Department of Ophthalmology
Great Neck, New York – March 2014
253. “The clinical utility of molecular genetic analysis in the diagnosis of inherited corneal disorders”
Leonard Apt Meeting: Advanced Topics in Pediatric Ophthalmology and Strabismus
Los Angeles, California – April 2014

254. “Video Pearls in Keratoplasty Surgery: You NEED to SEE This: Keratoprosthesis”
Annual Meeting of the American Society for Cataract and Refractive Surgery
Boston, Massachusetts – April 2014
255. “Cataract surgery in the patient with corneal pathology: tips to avoid the traps”
Utah Ophthalmology Society
Salt Lake City, Utah - May 2014
256. “The science of sight: addressing corneal blindness in the developing world”
The University of Utah Moran Eye Center Resident Alumni Day
Salt Lake City, Utah - May 2014
257. “The science of sight: addressing corneal blindness in the developing world”
Loma Linda University Medical Center Department of Ophthalmology Resident
Research Symposium
Loma Linda, CA – May 2014
258. “Improving analysis and interpretation of clinical research data”
Loma Linda University Medical Center Department of Ophthalmology Resident
Research Symposium
Loma Linda, CA – May 2014
259. “Femtosecond laser astigmatic keratotomy for management of post keratoplasty astigmatism”
Annual Meeting of the Eye Bank Association of America
Portland, OR – June 2014
260. “From consensus to clinic in the diagnosis and management of ocular surface diseases: DEWS and Don'ts”
Disha Eye Hospitals Annual Academic Meeting
Kolkata, India – July 2014
261. “Cataract surgery in the patients with corneal diseases: pearls & pitfalls”
Disha Eye Hospitals Annual Academic Meeting
Kolkata, India – July 2014
262. “Customised corneal transplantation: Choosing the right surgery”
Disha Eye Hospitals Annual Academic Meeting
Kolkata, India – July 2014
263. “Extreme DSEK: from aphakia to zonular dehiscence”
8th International Ophthalmology Course at the University of Chile
Santiago, Chile – July 2014

264. “Femtosecond laser-assisted lamellar and penetrating keratoplasty: a fad or the future?”
8th International Ophthalmology Course at the University of Chile
Santiago, Chile – July 2014
265. “Amniotic membrane transplantation: uses and abuses”
8th International Ophthalmology Course at the University of Chile
Santiago, Chile – July 2014
266. “Options and outcomes in the management of post-keratoplasty astigmatism”
8th International Ophthalmology Course at the University of Chile
Santiago, Chile – July 2014
267. “The future of the Boston type I keratoprosthesis”
8th International Ophthalmology Course at the University of Chile
Santiago, Chile – July 2014
268. “Test genéticos de utilidad clínica para las enfermedades corneales”
90th Congress of the Spanish Society of Ophthalmology
Bilbao, Spain – October 2014
269. “Newer diagnostic tests for dry eye disease: should I be using them?”
90th Congress of the Spanish Society of Ophthalmology
Bilbao, Spain – October 2014
270. “Relationships with Industry”
International Ethics Symposim
Annual Meeting of the American Academy of Ophthalmology
Chicago, Illinois – October 2014
271. “From the lab to the lane: modulation of gene expression in inherited and acquired corneal disorders”
Inflammation and Ocular Surface Focus Group
New York, New York – November 2014
272. “EK in the glaucoma patient: separating fact from fiction”
4th Biennial Scientific Meeting of the Asia Cornea Society
Taipei, Taiwan – December 2014
273. “International outcomes of the Boston type I keratoprosthesis in Stevens-Johnson Syndrome”
4th Biennial Scientific Meeting of the Asia Cornea Society
Taipei, Taiwan – December 2014
274. “A comparison of ACIOL retention with IOL exchange in patients undergoing Descemet’s Stripping Endothelial Keratoplasty (DSEK)”

- 4th Biennial Scientific Meeting of the Asia Cornea Society
Taipei, Taiwan – December 2014
275. “Long term outcomes of Boston type I keratoprosthesis implantation”
Keynote Lecture
3rd Biennial Scientific Meeting of the Indonesian Society of Cataract and
Refractive Surgery
Jakarta, Indonesia – January 2015
276. “Anterior segment imaging with confocal microscopy”
3rd Biennial Scientific Meeting of the Indonesian Society of Cataract and
Refractive Surgery
Jakarta, Indonesia – January 2015
277. “An evaluation of novel diagnostic techniques for ocular surface disease”
3rd Biennial Scientific Meeting of the Indonesian Society of Cataract and
Refractive Surgery
Jakarta, Indonesia – January 2015
278. “The science of sight: addressing corneal blindness in the developing world”
Emory University
Atlanta, Georgia – February 2015
279. “From the lab to the lane: modulation of gene expression in inherited and
acquired corneal disorders”
Emory University
Atlanta, Georgia – February 2015
280. “Corneal complications secondary to other specialties’ procedures”
Dr. Diego Cuevas Cancino Lecture
52nd Actualization Course in Ophthalmology
Mexico City, Mexico - February 2015
281. “DALK: is the big bubble worth the trouble?”
52nd Actualization Course in Ophthalmology
Mexico City, Mexico - February 2015
282. “A comparison of ACIOL retention with IOL exchange in patients undergoing
Descemet’s Stripping Endothelial Keratoplasty (DSEK)”
52nd Actualization Course in Ophthalmology
Mexico City, Mexico - February 2015
283. “Boston Type I Keratoprotheses: International Growth”
Kpro Study Group Symposium
San Diego, California - April 2015

284. “International Outcomes of the Boston Type I Keratoprosthesis in Stevens-Johnson Syndrome”
Kpro Study Group Symposium
San Diego, California - April 2015
285. “Five to Ten Year Follow-up of Boston Type I Keratoprotheses Demonstrates Stable Visual Acuity and Retention”
Kpro Study Group Symposium
San Diego, California - April 2015
286. “How Genetic Analysis Changes My Management of Corneal Disorders”
World Cornea Congress
San Diego, California - April 2015
287. “Genetics and Translational Research in Corneal Disease”
Annual Meeting of the Association for Research in Vision and Ophthalmology
Denver, Colorado - May 2015
288. “From the Lab to the Lane: Modulation of Gene Expression in Inherited and Acquired Corneal Disorders”
Erin K. Jacobson Memorial Lecture
Loma Linda University Medical Center Department of Ophthalmology Resident
Research Symposium
Loma Linda, CA – May 2015
289. “Long Term Outcomes of Boston Type I Keratoprotheses Implantation”
Loma Linda University Medical Center Department of Ophthalmology Resident
Research Symposium
Loma Linda, CA – May 2015
290. “The Utility of Donor Corneal Rim Cultures: A Report of the Eye Bank Association of America Medical Advisory Board Subcommittee on Fungal Infection Following Corneal Transplantation”
Annual Meeting of the Eye Bank Association of America
Atlanta, Georgia – June 2015
291. “Boston Type 1 Kpro - Experience Over A Decade”
OSKON 2015 – 2nd Meeting of Ocular Surface and Keratoprosthesis
Chennai, India - July 2015
292. “Boston Type 1 Kpro - RPM – Causes and Management”
OSKON 2015 – 2nd Meeting of Ocular Surface and Keratoprosthesis
Chennai, India - July 2015
293. “Boston Type 1 Kpro in SJS – Should it be attempted?”
OSKON 2015 – 2nd Meeting of Ocular Surface and Keratoprosthesis

- Chennai, India - July 2015
294. “Glaucoma in Boston Type 1 Kpro”
OSKON 2015 – 2nd Meeting of Ocular Surface and Keratoprosthesis
Chennai, India - July 2015
 295. “Long term outcomes of Boston type I keratoprosthesis implantation”
Jornadas Benjamin Boyd Annual Meeting of the Panamanian Society of
Ophthalmology Panama City, Panama - July 2015
 296. “Amniotic membrane transplantation: uses and abuses”
Jornadas Benjamin Boyd Annual Meeting of the Panamanian Society of
Ophthalmology Panama City, Panama - July 2015
 297. “Deep anterior lamellar keratoplasty (DALK): is the big bubble worth the
trouble?”
Jornadas Benjamin Boyd Annual Meeting of the Panamanian Society of
Ophthalmology Panama City, Panama - July 2015
 298. “Demystifying DMEK: making the transition”
Jornadas Benjamin Boyd Annual Meeting of the Panamanian Society of
Ophthalmology Panama City, Panama - July 2015
 299. “Cataract surgery in the patient with corneal disease: pearls and pitfall”
Jornadas Benjamin Boyd Annual Meeting of the Panamanian Society of
Ophthalmology Panama City, Panama - July 2015
 300. “Management of complete bilateral stem cell deficiency”
Nineteenth International Course of Cornea and Refractive Surgery
Cancun, Mexico – September 2015
 301. “Demystifying DMEK: making the transition”
Nineteenth International Course of Cornea and Refractive Surgery
Cancun, Mexico – September 2015
 302. “The importance of diagnosing and managing dry eye syndrome prior to
cataract surgery”
2nd ASEAN Ophthalmology Society Congress in conjunction with
the Vietnam National Congress of Ophthalmology
Hanoi, Vietnam – October 2015
 303. “Boston type I keratoprosthesis: preventing and managing complications”
2nd ASEAN Ophthalmology Society Congress in conjunction with
the Vietnam National Congress of Ophthalmology
Hanoi, Vietnam – October 2015

304. “The future of the Boston type I keratoprosthesis”
Nineteenth International Course of Cornea and Refractive Surgery
Cancun, Mexico – September 2015
305. “From consensus to the clinic in the diagnosis and management of ocular surface disease: DEWS and don‘ts”
55th Annual Walter Wright Symposium
Toronto, Canada – December 2015
306. “Artificial corneal transplantation: where are we now and where will we be in 5 years?”
55th Annual Walter Wright Symposium
Toronto, Canada – December 2015
307. “Can genetic analysis change the management of corneal disease?”
55th Annual Walter Wright Symposium
Toronto, Canada – December 2015
308. “Management of the malpositioned lens made easy”
55th Annual Walter Wright Symposium
Toronto, Canada – December 2015
309. “Femtosecond laser astigmatic keratotomy for post keratoplasty astigmatism”
55th Annual Walter Wright Symposium
Toronto, Canada – December 2015
310. “Tales from the dark side: what you can learn from the AAO Ethics Committee regarding refractive surgery advertising”
55th Annual Walter Wright Symposium
Toronto, Canada – December 2015
311. “Keratoprosthesis as a first line treatment”
World Ophthalmology Congress
Guadalajara, Mexico – February 2016
312. “Gene modification: how it may help the corneal dystrophies”
World Ophthalmology Congress
Guadalajara, Mexico – February 2016
313. “Altered ZEB1 expression on the corneal endothelial transcriptome and corneal endothelial cell function”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland - March 2016
314. “Extreme DSEK”
Fuchs Corneal Dystrophy Symposium

- Baltimore, Maryland - March 2016
315. “A comparison of ACIOL retention with IOL exchange in patients undergoing Descemet's stripping automated endothelial keratoplasty (DSAEK)”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland - March 2016
 316. “Distrofias Corneales”
Annual Meeting of the Baja California College of Ophthalmology
Ensenada, Mexico - August 2016
 317. “Procedimientos del segmento anterior para el oftalmólogo”
Annual Meeting of the Baja California College of Ophthalmology
Ensenada, Mexico - August 2016
 318. “Cirugía de catarata en el paciente con enfermedad corneal”
Annual Meeting of the Baja California College of Ophthalmology
Ensenada, Mexico - August 2016
 319. “From the lab to the lane: translational research in corneal disease”
2016 Distinguished Lecture Series
Cole Eye Institute
Cleveland, Ohio – September 2016
 320. “Elucidating the genetic basis of posterior polymorphous corneal dystrophy”
Biennial meeting of the International Society for Eye Research
Tokyo, Japan – September 2016
 321. “The Boston type I keratoprosthesis: long term results”
Cornea Subspecialty Day
Annual Meeting of the American Academy of Ophthalmology
Chicago, Illinois – October 2016
 322. “Medical and surgical treatment for persistent epithelial defect”
Anterior Segment Reconstruction 2016
Mexico City, Mexico - November 2016
 323. “Keratoprosthesis in limbal stem cell deficiency. Indications and kpro survival”
Anterior Segment Reconstruction 2016
Mexico City, Mexico - November 2016
 324. “Boston keratoprosthesis: follow-up and complications”
Anterior Segment Reconstruction 2016
Mexico City, Mexico - November 2016
 325. “Indications for amniotic membrane and conjunctival autograft”

- Anterior Segment Reconstruction 2016
Mexico City, Mexico - November 2016
326. “Complications – My Top 5 Pearls: IOL Explanation”
UCSF Ophthalmology Update 2016
San Francisco, California - December 2016
 327. “Options and outcomes in the management of corneal limbal stem cell deficiency”
UCSF Ophthalmology Update 2016
San Francisco, California - December 2016
 328. “Confirmation of the *OVOL2* promoter mutation c.-307T>C in PPCD1 and suggestion of other genetic loci”
5th Biennial Scientific Meeting of the Asia Cornea Society
Seoul, Korea - December 2016
 329. “Whole exome sequencing and segregation analysis confirms that a mutation in COL17A1 is the cause of epithelial recurrent erosion dystrophy in a large dominant pedigree previously mapped to chromosome 10q23-q24”
5th Biennial Scientific Meeting of the Asia Cornea Society
Seoul, Korea - December 2016
 330. “Long term outcomes of Boston type I keratoprosthesis in the management of corneal limbal stem cell deficiency”
5th Biennial Scientific Meeting of the Asia Cornea Society
Seoul, Korea - December 2016
 331. “Fungal infections in endothelial keratoplasty”
5th Biennial Scientific Meeting of the Asia Cornea Society
Seoul, Korea - December 2016
 332. “Paraproteinemic keratopathy as the presenting sign of hematologic malignancy”
5th Biennial Scientific Meeting of the Asia Cornea Society
Seoul, Korea - December 2016
 333. “Boston type 1 keratoprosthesis versus repeat donor keratoplasty for corneal graft failure”
5th Biennial Scientific Meeting of the Asia Cornea Society
Seoul, Korea - December 2016
 334. “Exacerbation of granular corneal dystrophy type II after LASIK performed in the United States and Europe in non-Korean patients”
Annual Meeting of the American Society for Cataract and Refractive Surgery
Los Angeles, California – May 2017

335. “The science of sight: addressing corneal blindness in the developing world”
Visiting Professor Lecture
Department of Ophthalmology at Weill Cornell Medicine
New York, New York – April 2017
336. “The Boston type I keratoprosthesis: prevention, monitoring and management of glaucoma”
Annual meeting of the Societa Italiana Cellule Staminali e Superficie Oculare (SICSSO)
Grosseto, Italy – June 2017
337. “Cataract surgery in patients with corneal disease: pearls and pitfalls”
Armenian EyeCare Project - International Ophthalmology Conference
Yerevan, Armenia – July 2017
338. “The Boston type I keratoprosthesis: prevention, monitoring and management of glaucoma”
Annual Conference of Indian Society of Cornea & Kerato-Refractive Surgeons
Delhi, India - August 2017
339. “Cataract surgery in a patient with corneal disease: pearls and pitfalls”
Cornea Connect: International Symposium on Corneal Disorders
Madurai, India – September 2017
340. “Demystifying DMEK: making the transition”
Cornea Connect: International Symposium on Corneal Disorders
Madurai, India – September 2017
341. “Elucidating the genetic basis of posterior polymorphous corneal dystrophy”
Massachusetts Eye and Ear Biennial Cornea Conference
Boston, Massachusetts – October 2017
342. “Done with regrafting? When Is Kpro a better choice?”
Cornea Subspecialty Day
Annual Meeting of the American Academy of Ophthalmology
New Orleans, Louisiana – November 2017
343. “Deep anterior lamellar keratoplasty: is the big bubble worth the trouble?”
Vietnam Ophthalmological Society Congress
Hanoi, Vietnam – November 2017
344. “Demystifying DMEK: making the transition”
Vietnam Ophthalmological Society Congress
Hanoi, Vietnam – November 2017
345. “Demystifying DMEK: making the transition”

- 4th Biennial Scientific Meeting of the Indonesian Society of Cataract and Refractive Surgery
Jakarta, Indonesia – December 2017
346. “Customized corneal transplantation”
4th Biennial Scientific Meeting of the Indonesian Society of Cataract and Refractive Surgery
Jakarta, Indonesia – December 2017
347. “From consensus to the clinic in the diagnosis and management of ocular surface disorders: DEWS and don’ts”
Ophthalmic Society of South Africa Annual Congress
Johannesburg, South Africa – February 2018
348. “Customized corneal transplantation: a revolution in evolution”
Ophthalmic Society of South Africa Annual Congress
Johannesburg, South Africa – February 2018
349. “Cataract surgery in patients with corneal disease: pearls and pitfalls”
Ophthalmic Society of South Africa Annual Congress
Johannesburg, South Africa – February 2018
350. “Amniotic membrane transplantation: uses and abuses”
Ophthalmic Society of South Africa Annual Congress
Johannesburg, South Africa – February 2018
351. “From consensus to the clinic in the diagnosis and management of ocular surface disorders: DEWS and don’ts”
Aspen Corneal Society 38th Annual Meeting
Aspen, Colorado – February 2018
352. “Customized corneal transplantation: choosing the right surgery for your patients”
Aspen Corneal Society 38th Annual Meeting
Aspen, Colorado – February 2018
353. “Clinical utility of genetic testing in the diagnosis and management of inherited ocular disease: a practical guide”
Aspen Corneal Society 38th Annual Meeting
Aspen, Colorado – February 2018
354. “Cataract surgery in patients with corneal disease: pearls and pitfalls”
Aspen Corneal Society 38th Annual Meeting
Aspen, Colorado – February 2018
355. “Elucidating the molecular basis of posterior polymorphous corneal dystrophy:

- effects of decreased ZEB1 expression on corneal endothelial cell transcriptome and function"
Gordon Research Conference
Ventura, California - February 2018
356. "The Boston type I keratoprosthesis: spare the opinion, share the evidence"
David Easty Lecture
20th Bowman Club Annual Meeting
Newcastle upon Tyne, UK – March 2018
357. "The clinical utility of molecular genetic analysis for the anterior segment specialist"
20th Bowman Club Annual Meeting
Newcastle upon Tyne, UK – March 2018
358. "Customized corneal transplantation: choosing the right surgery for your patients"
Annual Meeting of the Saudi Ophthalmology Society
Riyadh, Saudi Arabia – April 2018
359. "Femtosecond laser-assisted astigmatic keratotomy for post keratoplasty astigmatism"
Annual Meeting of the Saudi Ophthalmology Society
Riyadh, Saudi Arabia – April 2018
360. "DSEK and DMEK: important lessons learned from my first 500 cases"
Annual Meeting of the Saudi Ophthalmology Society
Riyadh, Saudi Arabia – April 2018
361. "Amniotic membrane transplantation: uses and abuses"
Annual Meeting of the Saudi Ophthalmology Society
Riyadh, Saudi Arabia – April 2018
362. "The Boston type I keratoprosthesis vs. repeat penetrating keratoplasty for graft failure"
Annual Meeting of the Saudi Ophthalmology Society
Riyadh, Saudi Arabia – April 2018
363. "Options and outcomes in the management of corneal limbal stem cell deficiency"
Annual Meeting of the Saudi Ophthalmology Society
Riyadh, Saudi Arabia – April 2018
364. "Cataract surgery in patients with corneal disease: pearls and pitfalls"
Annual Meeting of the Saudi Ophthalmology Society
Riyadh, Saudi Arabia – April 2018

365. “Recent advances in anterior segment imaging; confocal microscopy and OCT”
Annual Meeting of the Saudi Ophthalmology Society
Riyadh, Saudi Arabia – April 2018
366. “Corneal blindness in Asia: challenges, strategies and solutions”
6th Biennial Scientific Meeting of the Asia Cornea Society
Qingdao, China – May 2018
367. “Genetic testing for keratoconus: how close is it to the clinic?”
6th Biennial Scientific Meeting of the Asia Cornea Society
Qingdao, China – May 2018
368. “The Boston type I keratoprosthesis vs. repeat penetrating keratoplasty for graft failure”
6th Biennial Scientific Meeting of the Asia Cornea Society
Qingdao, China – May 2018
369. “Difficulties after deep anterior lamellar keratoplasty”
6th Biennial Scientific Meeting of the Asia Cornea Society
Qingdao, China – May 2018
370. “Amniotic membrane transplantation: uses and abuses”
Curso de Formación y Perfeccionamiento de Oftalmólogos 2018
Santiago, Chile – May 2018
371. “The Boston type I keratoprosthesis vs. repeat penetrating keratoplasty for graft failure”
Curso de Formación y Perfeccionamiento de Oftalmólogos 2018
Santiago, Chile – May 2018
372. “From consensus to the clinic in the diagnosis and management of ocular surface disorders: DEWS and don’ts”
Curso de Formación y Perfeccionamiento de Oftalmólogos 2018
Santiago, Chile – May 2018
373. “Cataract surgery in patients with corneal disease: pearls and pitfalls”
Curso de Formación y Perfeccionamiento de Oftalmólogos 2018
Santiago, Chile – May 2018
374. “The clinical utility of molecular genetic analysis for the anterior segment specialist”
Curso de Formación y Perfeccionamiento de Oftalmólogos 2018
Santiago, Chile – May 2018
375. “Corneal blindness in Asia: challenges, strategies and solutions”
102nd Annual Meeting of the Pacific Coast Oto-Ophthalmological Society

- Coeur D'Alene, Idaho – June 2018
376. “Customized corneal transplantation: a revolution in evolution”
102nd Annual Meeting of the Pacific Coast Oto-Ophthalmological Society
Coeur D'Alene, Idaho – June 2018
 377. “The clinical utility of molecular genetic analysis for the anterior segment specialist”
102nd Annual Meeting of the Pacific Coast Oto-Ophthalmological Society
Coeur D'Alene, Idaho – June 2018
 378. “Recent advances in anterior segment imaging; confocal microscopy and OCT”
102nd Annual Meeting of the Pacific Coast Oto-Ophthalmological Society
Coeur D'Alene, Idaho – June 2018
 379. “Demystifying DMEK: making the transition”
XXVII Peruvian Congress of Ophthalmology
Lima, Peru – August 2018
 380. “Cataract surgery in patients with corneal disease: pearls and pitfalls”
XXVII Peruvian Congress of Ophthalmology
Lima, Peru – August 2018
 381. “The Boston type I keratoprosthesis vs. repeat penetrating keratoplasty for graft failure”
XXVII Peruvian Congress of Ophthalmology
Lima, Peru – August 2018
 382. “Recent advances in anterior segment imaging: ocular coherence tomography”
XXVII Peruvian Congress of Ophthalmology
Lima, Peru – August 2018
 383. “Cataract surgery in patients with corneal disease: pearls and pitfalls”
Nebraska Academy of Eye Physicians and Surgeons Fall Scientific Meeting
Omaha, Nebraska – September 2018
 384. “Customized corneal transplantation: a revolution in evolution”
Nebraska Academy of Eye Physicians and Surgeons Fall Scientific Meeting
Omaha, Nebraska – September 2018
 385. “Management of Complications in DMEK”
Third Annual BoAo Cornea Forum of Asia
BoAo, China – October 2018
 386. “The Boston type I Keratoprosthesis vs. repeat penetrating keratoplasty for graft failure”

- Third Annual BoAo Cornea Forum of Asia
BoAo, China – October 2018
387. “Fuchs dystrophy: future horizons”
Cornea Subspecialty Day
Annual Meeting of the American Academy of Ophthalmology
Chicago, Illinois – October 2018
388. “High risk keratoplasty and keratoprosthesis: management of corneal transplant failure: repeat PK versus keratoprosthesis”
Joint Session: Corneal Infections and Keratoplasty: Perspectives From the AAO and PAAO
Annual Meeting of the American Academy of Ophthalmology
Chicago, Illinois – October 2018
389. “DSEK and DMEK: important lessons learned from my first 500 cases”
Vietnam Ophthalmological Society Congress
Saigon, Vietnam - November 2018
390. “Retain, replace or remove: ACIOL management in eyes with pseudophakic corneal edema”
28th Annual Iranian Congress of Ophthalmology
Tehran, Iran – November 2018
391. “The future of treatment for Fuchs endothelial corneal dystrophy: molecular and surgical therapies”
28th Annual Iranian Congress of Ophthalmology
Tehran, Iran – November 2018
392. “Recent advances in anterior segment imaging: confocal microscopy and OCT”
28th Annual Iranian Congress of Ophthalmology
Tehran, Iran – November 2018
393. “Cataract surgery in the patient with corneal disease: pearls and pitfalls”
28th Annual Iranian Congress of Ophthalmology
Tehran, Iran – November 2018
394. “Customized corneal transplantation: choosing between lamellar and big bubble deep anterior lamellar keratoplasty (DALK) and penetrating keratoplasty (PK)”
28th Annual Iranian Congress of Ophthalmology
Tehran, Iran – November 2018
395. “The use of anterior segment OCT in preoperative planning and the diagnosis and management of postoperative complications”
28th Annual Iranian Congress of Ophthalmology
Tehran, Iran – November 2018

396. “From the lab to the lane: translational research in corneal disease”
28th Annual Iranian Congress of Ophthalmology
Tehran, Iran – November 2018
397. “DSEK in eyes with ACIOLs: outcomes analysis to guide ACIOL management”
34th Asia-Pacific Academy of Ophthalmology Congress
Bangkok, Thailand – March 2019
398. “Conquering Keratoprosthesis: How to maximize long term outcomes”
Cornea 360
Scottsdale, Arizona – April 2019
399. “Customized corneal transplantation: a revolution in evolution”
Washington Academy of Eye Physicians and Surgeons Monthly Scientific Meeting
Seattle, Washington – April 2019
400. “Cataract surgery in patients with corneal disease: pearls and pitfalls”
Washington Academy of Eye Physicians and Surgeons Monthly Scientific Meeting
Seattle, Washington – April 2019
401. “From the lab to the lane: molecular diagnostics and translational research for inherited and acquired corneal disorders”
Visiting Professor lecture, The University of Washington Department of Ophthalmology
Seattle, Washington – April 2019
402. “From the lab to the lane: translational research in corneal disease”
Guest speaker lecture, University of British Columbia Annual Research Day
Vancouver, British Columbia – April 2019
403. “Management of the failed PK: Boston keratoprosthesis vs repeat keratoplasty”
UCLA Department of Ophthalmology Annual Seminar
Los Angeles, California – June 2019
404. “Corneal blindness in Vietnam: challenges, strategies and solutions”
First Annual Ho Chi Minh City Ophthalmology Open Conference
Saigon, Vietnam – August 2019
405. “Optimizing outcomes of pterygium surgery”
Annual Meeting of the Baja California College of Ophthalmology
Tijuana, Mexico – August 2019

406. “Amniotic membrane transplantation: uses and abuses”
Annual Meeting of the Baja California College of Ophthalmology
Tijuana, Mexico – August 2019
407. “Recent advances in anterior segment imaging: confocal microscopy and OCT”
Annual Meeting of the Baja California College of Ophthalmology
Tijuana, Mexico – August 2019
408. “Fuchs dystrophy: future horizons”
Annual Meeting of the Baja California College of Ophthalmology
Tijuana, Mexico – August 2019
409. “From the lab to the lane: translational research for inherited and acquired corneal disorders”
First Annual Congreso de Cornea Colombia
Bogota, Columbia – August 2019
410. “The use of anterior segment OCT in preoperative planning, intraoperative management and the diagnosis of postoperative complications”
First Annual Congreso de Cornea Colombia
Bogota, Columbia – August 2019
411. “Customized corneal transplantation: choosing the right surgery for your patients”
First Annual Congreso de Cornea Colombia
Bogota, Columbia – August 2019
412. “The clinical utility of genetic testing in the diagnosis and management of inherited corneal disorders: a practical guide”
First Annual Congreso de Cornea Colombia
Bogota, Columbia – August 2019
413. “The Boston type I keratoprosthesis versus repeat penetrating keratoplasty for graft failure”
First Annual Congreso de Cornea Colombia
Bogota, Columbia – August 2019
414. “Corneal dystrophies: update on diagnostics and therapy”
Annual Meeting of the German Ophthalmological Society
Berlin, Germany – September 2019
415. “Pseudokeratitis in corneal dystrophies”
Annual Meeting of the German Ophthalmological Society
Berlin, Germany – September 2019
416. “What you always wanted to know about corneal dystrophies (and never dared to ask)”

- Annual Meeting of the German Ophthalmological Society
Berlin, Germany – September 2019
417. “Interactive case presentation: crosslinking”
Cornea Subspecialty Day
Annual Meeting of the American Academy of Ophthalmology
San Francisco, California – October 2019
418. “Ethical issues in global ophthalmology”
Jensen Lecture
Annual Meeting of the American Academy of Ophthalmology
San Francisco, California – October 2019
419. “Evaluation and management of irregular corneal astigmatism”
ASCRS Essentials: The Complete Guide to the Management of Astigmatism at
the Time of Cataract Surgery
Annual Meeting of the American Academy of Ophthalmology
San Francisco, California – October 2019
420. “Customized corneal transplantation: choosing between deep anterior lamellar
keratoplasty (DALK) (lamellar and big bubble) and penetrating keratoplasty
(PK)”
Twenty fifth International Course of Cornea and Refractive Surgery
Merida, Mexico – October 2019
421. “The future of treatment for Fuchs endothelial corneal dystrophy: cell-based
therapies”
Twenty fifth International Course of Cornea and Refractive Surgery
Merida, Mexico – October 2019
422. “The use of anterior segment OCT in preoperative planning and the diagnosis and
management of postoperative complications”
Twenty fifth International Course of Cornea and Refractive Surgery
Merida, Mexico – October 2019
423. “Long term, international outcomes of the Boston keratoprosthesis”
Twenty fifth International Course of Cornea and Refractive Surgery
Merida, Mexico – October 2019
424. “Amniotic membrane transplantation: uses and abuses”
Hong Kong Hospital Authority Central Commissioned Training Programme
Hong Kong, China – November 2019
425. “Options and outcomes in the management of corneal limbal stem cell deficiency
and graft failure: the role of the Boston type I keratoprosthesis”
Hong Kong Hospital Authority Central Commissioned Training Programme

- Hong Kong, China – November 2019
426. “The Boston type I keratoprosthesis: expanding indications and improving outcomes”
Hong Kong Hospital Authority Central Commissioned Training Programme
Hong Kong, China – November 2019
 427. “The Boston type I keratoprosthesis: patient selection and surgical technique”
Hong Kong Hospital Authority Central Commissioned Training Programme
Hong Kong, China – November 2019
 428. “Cataract surgery in patients with corneal disease: pearls and pitfalls”
Hong Kong Hospital Authority Central Commissioned Training Programme
Hong Kong, China – November 2019
 429. “The clinical utility of genetic testing in the diagnosis and management of inherited corneal disorders: a practical guide”
Hong Kong Hospital Authority Central Commissioned Training Programme
Hong Kong, China – November 2019
 430. “Customized corneal transplantation: a revolution in evolution”
Hong Kong Hospital Authority Central Commissioned Training Programme
Hong Kong, China – November 2019
 431. “From the lab to the lane: translational research for inherited and acquired corneal disorders”
Hong Kong Hospital Authority Central Commissioned Training Programme
Hong Kong, China – November 2019
 432. “The future of treatment for Fuchs endothelial corneal dystrophy: molecular and cell-based therapies”
Fuchs Corneal Dystrophy Symposium
Palm Beach Gardens, Florida – January 2020
 433. “International outcomes of the Boston type I keratoprosthesis for Stevens Johnson Syndrome.”
Fourth Jakarta Eye Center International Meeting
Jakarta, Indonesia – February 2020
 434. “From the lab to the lane: translational research for inherited and acquired corneal disorders”
Fourth Jakarta Eye Center International Meeting
Jakarta, Indonesia – February 2020
 435. “The use of anterior segment OCT in preoperative planning and the diagnosis and management of postoperative complications”

- Fourth Jakarta Eye Center International Meeting
 Jakarta, Indonesia – February 2020
436. “Phenotypic and functional characterization of corneal endothelial cells during in vitro expansion”
 Fourth Jakarta Eye Center International Meeting
 Jakarta, Indonesia – February 2020
437. “From the lab to the lane: molecular diagnostics and translational research for inherited and acquired corneal disorders”
 32nd Annual Bajandas Guest Lecture
 Alamo City Ophthalmology Clinical Conference
 San Antonio, Texas (virtual connection) – April 2020

SCIENTIFIC PUBLICATIONS

RESEARCH PAPERS

RESEARCH PAPERS (PEER REVIEWED)

A. Research Papers - Peer Reviewed

1. **Aldave AJ**, Shields CL, Shields JA. Surgical excision of selected amblyogenic periorbital capillary hemangiomas. *Ophthalmic Surgery and Lasers* 1999; 30:754-7.
2. **Aldave AJ**, Stein JD, Deramo VA, et al. Treatment strategies for postoperative *Propionibacterium acnes* endophthalmitis. *Ophthalmology* 1999;106:2395-401.
3. **Aldave AJ**, Rudd JC, Cohen EJ, et al. The role of glaucoma therapy in the need for repeat penetrating keratoplasty. *Cornea* 2000;19:772-6.
4. **Aldave AJ**, Eagle RC, Streeten BW, et al. Congenital corneal opacification in De Barys syndrome. *Archives of Ophthalmology* 2001;119:285-8.
5. **Aldave AJ**, Gertner GS, Davis GH, et al. Bungee cord-associated ocular trauma. *Ophthalmology* 2001;108:788-92.
6. **Aldave AJ**, Hollander DA, Abbott, RL. Late-onset traumatic flap dislocation and diffuse lamellar keratitis after laser in situ keratomileusis. *Cornea* 2002;21:604-7.
7. **Aldave AJ**, Edward DP, Park AJ, et al. Central discoid corneal dystrophy. *Cornea* 2002;21:739-44.
8. **Aldave AJ** and Wong IG. A novel technique for harvesting keratolimbal allografts from corneoscleral buttons. *Am J Ophthalmol* 2002;135:929-31.

9. **Aldave AJ**, Shih JL, Jovkar S, McLeod SD. Peripheral keratitis associated with erythema elevatum diutinum. *Am J Ophthalmol* 2003;135:389-90.
10. **Aldave AJ**, Mabon M, Hollander DA, et al. Spontaneous corneal hydrops and perforation in keratoconus and pellucid marginal degeneration. *Cornea* 2003;22:169-74.
11. Crawford JB, **Aldave AJ**, McLeod SD, et al. Histopathological analysis of the cornea after laser in situ keratomileusis. *Arch Ophthalmol* 2003;121:896-8.
12. **Aldave AJ**, Yellore VS, Hwang DG. Atypical vortex pattern of corneal deposits in granular corneal dystrophy. *Cornea* 2003;22:754-9.
13. Warren JF, **Aldave AJ**, Srinivasan M, et al. Novel mutations in the CHST6 gene associated with macular corneal dystrophy in southern India. *Arch Ophthalmol* 2003;121:1608-12.
14. **Aldave AJ**, Yellore VS, Thonar EJ et al. Novel mutations in the carbohydrate sulfotransferase gene (CHST6) in American patients with macular corneal dystrophy. *Am J Ophthalmol* 2004;137:465-73.
15. **Aldave AJ**, Lin DY, Principe AH, et al. Anterior basement membrane corneal dystrophy and pseudo-unilateral lattice corneal dystrophy in a patient with recurrent corneal erosions. *Am J Ophthalmol* 2004; 137:1124-6.
16. **Aldave AJ**, Yellore VS, Self CA, et al. The usefulness of buccal swabs for mutation screening in patients with suspected corneal dystrophies. *Ophthalmology* 2004; 111:1407-9.
17. Principe AH, Lin DY and **Aldave AJ**. Macular hemorrhage after laser in situ keratomileusis (LASIK) with femtosecond laser flap creation. *American Journal of Ophthalmology* 2004; 138:657-9.
18. **Aldave AJ**, Yellore VS, Gutmark JG, et al. Lattice corneal dystrophy associated with the Ala546Asp and Pro551Gln missense changes in the TGFBI gene. *American Journal of Ophthalmology* 2004; 113:772-81.
19. Giaconi JA, Coleman AL, **Aldave AJ**. Epithelial downgrowth following surgery for congenital glaucoma. *American Journal of Ophthalmology* 2004; 138:1075-7.
20. **Aldave AJ**, Principe AH, Lin DY, et al. Lattice dystrophy-like localized amyloidosis of the cornea secondary to trichiasis. *Cornea* 2005; 24:112-5.
21. **Aldave AJ**, Yellore VS, Principe AH, et al. Candidate gene screening for posterior polymorphous dystrophy. *Cornea* 2005; 24:151-5.

22. Strauss EC, **Aldave AJ**, Spencer WH, et al. Management of prominent iris vascular tufts causing recurrent spontaneous hyphema. *Cornea* 2005; 24:224-6.
23. Yellore VS, Rayner S, Emmert-Buck L, Tabin GC, Raber I, Hannush SB, Stulting D, Sampat K, Momi R, Principe AH, and **Aldave AJ**. No pathogenic mutations identified in the *COL8A2* gene or four positional candidate genes in patients with posterior polymorphous corneal dystrophy. *IOVS* 2005; 46:1599-603.
24. **Aldave AJ**, Yellore VS, Rayner SA, et al. A unique corneal dystrophy of Bowman's layer and stroma associated with the Gly623Asp mutation in the transforming growth factor β -induced (*TGFBI*) gene. *Ophthalmology* 2005; 112:1017-22.
25. **Aldave AJ**, Hollander, DA, Branco B, et al. Primary graft failure associated with epithelial downgrowth. *BMC Ophthalmology* 2005; 5:11.
26. **Aldave AJ**, Rayner S, Principe AH, et al. Analysis of fifteen positional candidate genes for Schnyder crystalline corneal dystrophy. *Molecular Vision* 2005; 11:713-6.
27. **Aldave AJ**, Rayner SA, Kim BT, et al. Unilateral lattice corneal dystrophy associated with the novel His572del mutation in the *TGFBI* gene. *Molecular Vision* 2006; 12:142-6.
28. **Aldave AJ**, Rayner SA, King JA, et al. No pathogenic mutations identified in the *TGFBI* gene in polymorphic corneal amyloid deposition. *Cornea* 2006; 25:413-5.
29. **Aldave AJ**, King JA, Kim BT and Hopp L. Corneal copper deposition associated with chronic lymphocytic leukemia. *American Journal of Ophthalmology* 2006; 142:174-6.
30. **Aldave AJ**, Yellore VS, Rayner SA, et al. No *VSKI* gene mutations associated with keratoconus. *IOVS* 2006; 47:2820-2.
31. **Aldave AJ**, Rayner SA, Salem AS, et al. No pathogenic mutations identified in the *COL8A1* and *COL8A2* genes in familial Fuchs corneal dystrophy. *IOVS* 2006; 47: 3787-90.
32. Sonmez B, Kim BT, **Aldave AJ**. Amniotic membrane transplantation with anterior stromal micropuncture for treatment of bullous keratopathy in eyes with poor visual potential. *Cornea* 2007; 26:227-9.
33. **Aldave AJ**, Sonmez B, Forstot SL et al. A clinical and histopathologic examination of accelerated TGFBIp deposition after LASIK in combined granular-lattice corneal dystrophy. *Am J Ophthalmol* 2007; 143:416-9.
34. Yellore VS, Papp JC, Khan MA, Rayner SA, Sobel E, Farber DB and **Aldave AJ**. Replication and refinement of linkage of posterior polymorphous corneal dystrophy

- to the posterior polymorphous corneal dystrophy 1 locus on chromosome 20. *Genetics in Medicine* 2007; 9:228-34.
35. **Aldave AJ**, Sonmez B, Bourla N, Schultz G, Papp JC, Salem AK, Rayner SA, and Yellore VS. Autosomal dominant cornea plana is not associated with pathogenic mutations in *DCN*, *DSPG3*, *FOXC1*, *KERA*, *LUM*, or *PITX2*. *Ophthalmic Genetics* 2007; 28:57-67.
 36. **Aldave AJ**, Yellore VS, Bourla N, Momi RS, Khan MA, Salem AK, Rayner SA, Glasgow BJ and Kurtz, I. Autosomal recessive CHED associated with novel compound heterozygous mutations in *SLC4A11*. *Cornea* 2007; 26:896-900.
 37. **Aldave AJ**, Bourla N, Yellore VS, et al. Keratoconus is not associated with mutations in *COL8A1* and *COL8A2*. *Cornea* 2007; 26:963-5.
 38. Yellore VS, Khan MA, Bourla N, Rayner SA, Chen MC, Sonmez B, Momi R, Sampat KM, Gorin MB and **Aldave AJ**. Identification of mutations in *UBIADI* following exclusion of coding mutations in the chromosome 1p36 locus for Schnyder crystalline corneal dystrophy. *Molecular Vision* 2007; 13:1777-82.
 39. Yellore VS, Sonmez B, Chen MC, Rayner SA, Thonar EJ, and **Aldave AJ**. An unusual presentation of macular corneal dystrophy associated with uniparental isodisomy and a novel Leu173Pro mutation. *Ophthalmic Genetics* 2007; 28:169-74.
 40. **Aldave AJ**, Yellore VS, Yu F, Bourla N, Sonmez B, Salem AK, Rayner SA, Sampat RA, Krafchak CM, and Richards JE. Posterior polymorphous corneal dystrophy is associated with *TCF8* gene mutations and abdominal hernia. *Am J Medical Genetics* 2007; 143A:2549-56.
 41. **Aldave AJ**, Yellore VS, Sonmez B, Bourla N, Salem AK, Khan MA, Rayner SA, and Glasgow BJ. A novel variant of combined granular-lattice corneal dystrophy associated with the Met619Lys mutation in the *TGFBI* gene. *Archives of Ophthalmology* 2008; 126:371-7.
 42. Kamal KM, Rayner SA, Chen MC and **Aldave AJ**. Classic lattice corneal dystrophy associated with monoclonal gammopathy after exclusion of a *TGFBI* mutation. *Cornea* 2009; 28:97-8.
 43. **Aldave AJ**, Kamal KM, Vo RC and Yu F. The Boston type 1 keratoprosthesis: improving outcomes and expanding indications. *Ophthalmology* 2009; 116:64-51.
 44. Tai TYT, Damani MR, Vo RC, Rayner SA, Glasgow BJ, Hofbauer JD, Casey RC, and **Aldave AJ**. Keratoconus associated with corneal stromal amyloid deposition containing TGFBIp. *Cornea* 2009; 28:589-93.

45. **Aldave AJ**, Yellore VS, Vo RC, et al. Exclusion of positional candidate gene coding region mutations in the common posterior polymorphous corneal dystrophy 1 candidate gene interval. *Cornea* 2009; 28:801-7.
46. Yu L, Glasgow BJ, **Aldave AJ**. Epstein-Barr virus-associated smooth muscle tumor of the iris in a patient with a transplant: a case report and review of the literature. *Archives of Pathology & Laboratory Medicine* 2009; 133:1238-41.
47. **Aldave AJ**, Kamal KM, Vo RC, and Yu F. Epithelial debridement and Bowman's layer polishing for visually significant epithelial irregularity and recurrent corneal erosions. *Cornea* 2009; 28:1085-90.
48. Weiss JS, Wiaux C, Yellore VS, Raber I, Eagle R, Mequino M, **Aldave AJ**. Newly reported p.Asp240Asn mutation in UBIAD1 suggests Central discoid corneal dystrophy is a variant of Schnyder corneal dystrophy. *Cornea* 2010; 29:777-80.
49. **Aldave AJ**, Rosenwasser GO, Yellore VS, et al. Linkage of posterior amorphous corneal dystrophy to chromosome 12q21.33 and exclusion of coding region mutations in *KERA*, *LUM*, *DCN* and *EPYC*. *Invest Ophthalmol Vis Sci* 2010; 51:4006-12.
50. Hollander DA, Giaconi JA, Holland GN, Yu F, Caprioli J, **Aldave AJ**, Coleman AL, Casey R, Law SK and Mondino BJ. Graft failure after penetrating keratoplasty in eyes with Ahmed valves. *Am J Ophthalmol* 2010; 150:169-78.
51. Pineles SL, Ela-Dalman N, Rosenbaum AL, **Aldave AJ**, Velez FG. Binocular visual function in patients with Boston type I keratoprostheses. *Cornea* 2010; 29:1397-400.
52. Lai IN, Yellore VS, Rayner SA, D'Silva NC, Nguyen CK, **Aldave AJ**. The utility of next-generation sequencing in the evaluation of the posterior polymorphous corneal dystrophy 1 locus. *Molecular Vision* 2010; 16:2829-2838.
53. Yellore VS, Rayner SA, **Aldave AJ**. TGFBI-induced extracellular expression of TGFBIp and inhibition of TGFBIp expression by RNA interference in a human corneal epithelial cell line. *Invest Ophthalmol Vis Sci* 2011; 52:757-63.
54. **Aldave AJ**, Baghdasaryan E, Miller KM. Descemet stripping endothelial keratoplasty after Ophtec 311 iris reconstruction lens implantation. *Cornea* 2011; 30:405-8.
55. Sejpal K, YU F, **Aldave AJ**. The Boston keratoprosthesis in the management of corneal limbal stem cell deficiency. *Cornea* 2011; 30:1187-94.
56. Burdon KP, Macgregor S, Bykhovskaya Y, Javadiyan S, Li X, Laurie K, Lechner J, Haritunians T, Dash D, Sharma S, Siscovick D, Anand S, **Aldave AJ**, Coster D, Szczotka-Flynn L, Mills RA, Iyengar S, Taylor KD, Phillips T, Rotter JI, Hewitt AW, Rabinowitz YS, Willoughby C, Craig JE. Association of polymorphisms in the

- Hepatocyte Growth Factor gene promoter with keratoconus. *Invest Ophthalmol Vis Sci* 2011; 52:8514-9.
57. Wiaux C, Baghdasaryan E, Lee O, Bourges JL, Deng SX, Yu F, **Aldave AJ**. Outcomes following Descemet stripping endothelial keratoplasty in glaucoma patients with previous trabeculectomy and tube shunt implantation. *Cornea* 2011;30:1304-11.
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B. Research Papers - Peer Reviewed (In Press)

1. Frausto RF, Swamy VS, Peh GSL, Boere PM, Hanser EM, Chung DD, George BL, Morselli M, Kao L, Azimov R, Pellegrini M, Kurtz I, Mehta JS, **Aldave AJ**. Phenotypic and functional characterization of corneal endothelial cells during in vitro expansion. *Scientific Reports (In Press)*.
2. Tran TM, Duong H, Bonnet C, Kashanchi A, Buckshey A and **Aldave AJ**. Corneal blindness in Asia: a systematic review and meta-analysis to identify challenges and opportunities. *Cornea (In Press)*.
3. Boere PM, Bonnet C, Frausto RF, Fung SM and **Aldave AJ**. Multimodal imaging of Pre-Descemet corneal dystrophy associated with X-linked ichthyosis and deletion of the *STS* gene. *Cornea (In Press)*.

C. Research Papers - Peer Reviewed (Submitted and in Preparation)

1. Lenis TL, Zhang W, Shibayama V, Al-Hashimi S, **Aldave AJ**, Deng SX, Fung SM. Limbal stem cell dysfunction in Keratitis-Ichthyosis-Deafness syndrome. *Cornea (Submitted)*.
2. Hardcastle AJ, Liskova P, Bykhovskaya Y, McComish BJ, Davidson AE, Inglehearn CF, Li X, Choquet H, Lucas SEM, Sahebjada S, Pontikos N, Rojas Lopez KE, Khawaja AP, Ali M, Tenen A, Simcoe MJ, Patasova K, Yarrand D, Yin J, Dudakova L, Skalicka P, Siddiqui S, Rice A, Abi Farraj L, Chen YI, Rahi JS, Krauss RM, Theusch E, Charlesworth JC, Szczotka-Flynn L, Toomes C, Richardson AJ, Mitchell PA, Taylor KD, MacGregor S, Melle RB, **Aldave AJ**, Mills RA, Cao K, Chan E, Daniell MD, Wang JJ, Rotter JI, Hewitt AW, Craig JE, Iyengar SK, O'Brart D, Jorgenson E, Baird PN, Rabinowitz YS, Burdon KP, Hammond CJ, Tuft SJ, Hysi PG. A multiethnic genome-wide association study for keratoconus identifies 36 loci and implicates collagen matrix integrity and cell differentiation pathways. *Nature Communications (Submitted)*.

3. Chen A, Shibayama V, **Aldave AJ**. Progressive crystalline keratopathy associated with scleral lens wear for post-LASIK ectasia. *Eye & Contact Lens* (Submitted).
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