

CURRICULUM VITAE

Anthony Aldave, M.D.

CONTACT INFORMATION

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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
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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
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ACADEMIC APPOINTMENT

- 2002-present Assistant Professor of Ophthalmology
University of California at Los Angeles School of Medicine
Department of Ophthalmology, Jules Stein Eye Institute

Los Angeles, California.

MEDICAL BOARD CERTIFICATION

2002 American Board of Ophthalmology

HONORS AND AWARDS

2006 American Academy of Ophthalmology Achievement Award

2003 The UCLA K30 Graduate Program in Translational Investigation

- NIH sponsored K30 program designed to develop the careers of promising clinician scientists

2001 Claes Dohlman Society Award

- Awarded to the outstanding Cornea and Refractive Surgery Fellow in the United States

2001 American Ophthalmological Society-Knapp Testimonial Fund Fellowship

2000 Heed Ophthalmic Foundation Fellowship

2000 James S. Shipman Research Award, Wills Eye Hospital Annual Conference

1999 National Eye Institute Travel Fellowship Grant

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)

1992, 1993, 1994 & 1995 Competitive Academic Scholarship

1994 Junior Alpha Omega Alpha Medical Honor Society

1994 Anne Lassiter Memorial Scholarship

1994 Award for Excellence in Pathology

1993 Glenn V. Russell Memorial Award for Excellence in Neuroscience

1993 Betty Ford Center Medical Student Professional in Residence Scholarship

COMMITTEE & ASSOCIATION MEMBERSHIPS

1997-present	American Academy of Ophthalmology
1999-present	Association for Research in Vision and Ophthalmology
2002-present	The Max Fine Eye Society
2002-present	R. Townley Paton Society
2004-present	American Society of Cataract and Refractive Surgery

UNIVERSITY SERVICE

2004-present	University of California, Los Angeles Legislative Assembly Representative
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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-present	Residency Selection Committee
2004-present	EyeSTAR Residency Selection Committee

DEPARTMENTAL PROGRAM RESPONSIBILITIES

2002-present	Director, Cornea and Refractive Surgery Fellowship
2002-present	Director, UCLA/Jules Stein Eye Institute Eye Bank
2005-present	Interim Director, UCLA/Jules Stein Eye Institute Vision Genetics Center
2006	Director, Cornea Service

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-present	Member, American Academy of Ophthalmology Knowledge Base Development Project – Cornea and External Disease Panel
2004-present	Member, American Academy of Ophthalmology Subspecialty Day Committee
2005-present	Member, American Academy of Ophthalmology Ethics Committee
2005-present	Associate Examiner, American Board of Ophthalmology

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, Durham, North Carolina
2003-2004	Danny Lin, M.D., from Stanford University, Stanford, California
2003-2004	Bruce Wietharn, M.D., from the University of Florida, Gainesville, Florida
2004-2005	David Hollander, M.D., from the University of California, San Francisco
2004-2005	Julie King, M.D., from Loma Linda University, Loma Linda, California
2005-2006	Mini Doan, M.D. from George Washington University, Washington, D.C.
2005-2006	Sophie Deng, M.D. from the University of Illinois, Chicago

INTERNATIONAL CORNEA/REFRACTIVE SURGERY FELLOWS TRAINED

2002-2003	Patty Bunapradest, M.D., from Rama Hospital, Bangkok, Thailand
2003	Manoj Sharma, M.D., from Lumbini Rana-Ambika Eye Hospital, Bhairahawa, Nepal
2003-2004	Alexandre Principe, M.D., from Universidade Federal de Sao Paulo, Brazil - UNIFESP
2004-2005	Akihiro Yasuda, M.D., from St. Luke's International Hospital, Tokyo, Japan
2004-2005	Apiradi Prechanond, M.D., from Rama Hospital, 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

EDITORIAL SERVICE

2001-present Reviewer for *Cornea*

2002-present Reviewer for *American Journal of Ophthalmology*

2003-present Reviewer for *Journal of the American Association for Pediatric Ophthalmology and Strabismus*

2003-present Reviewer for *Archives of Ophthalmology*

2004-present Reviewer for *Investigative Ophthalmology and Visual Science*

2004-present Reviewer for *British Journal of Ophthalmology*

2004-present Reviewer for *Ophthalmology*

2004-present Reviewer for *Human Mutation*

2004-present Reviewer for *Human Genetics*

2005-present Reviewer for *Molecular Vision*

2006 Reviewer for *Eye*

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

RESEARCH SUPPORT

07/03/03—7/02/07	Ophthalmic Innovations International <i>Clinical Trial to Evaluate the Safety and Effectiveness of the Phakic 6 H2 Refractive Anterior Chamber lens (Phakic 6 H2-Myopia)</i>	\$67,112.00
08/01/04-07/31/05	The Center for Keratoconus <i>Investigations into the Genetic Basis of Keratoconus</i>	\$8000.00
07/01/05-06/30/07	UCLA Faculty Research Grant <i>Cloning the Gene for Posterior Polymorphous Corneal Dystrophy</i>	\$9000.00
09/30/05-08/31/10	NEI/NIH R01-EY016482-01 <i>A Multi-Center Study to Map Genes for Fuchs Dystrophy</i> Coordinating Center: Case Western University	
10/01/05-09/30/10	NEI/NIH K08 EY016079-01A1 <i>Cloning the Gene for Posterior Polymorphous Corneal Dystrophy</i>	\$831,195.00
09/01/06-08/31/07	National Keratoconus Foundation <i>Identification of Differentially Expressed Genes in Keratoconus</i>	\$10,000.00
02/13/07	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>	\$30,000.00

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

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

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 anti-inflammatory agents" topical
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*

SCIENTIFIC PUBLICATIONS

ARTICLES

1. Dinowitz KD, Aldave AJ, Lisse JR, and Trocme SD. Ocular manifestations of immunologic and rheumatologic inflammatory disorders. *Current Opinion in Ophthalmology* 1994;5:91-8.
2. Trocme SD, Aldave AJ. The eye and the eosinophil. *Survey of Ophthalmology* 1994;39:241-52.
3. Aldave AJ, Maus M, Rubin PA. Advances in the management of lower eyelid retraction. *Facial Plastic Surgery* 1999;15:213-24.
4. Aldave AJ, Shields CL, Shields JA. Surgical excision of selected amblyogenic periorbital capillary hemangiomas. *Ophthalmic Surgery and Lasers* 1999; 30:754-7.

5. Aldave AJ, Stein JD, Deramo VA, et al. Treatment strategies for postoperative *Propionibacterium acnes* endophthalmitis. *Ophthalmology* 1999;106:2395-401.
6. 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.
7. Aldave AJ, Eagle RC, Streeten BW, et al. Congenital corneal opacification in De Barys syndrome. *Archives of Ophthalmology* 2001;119:285-8.
8. Aldave AJ, Gertner GS, Davis GH, et al. Bungee cord-associated ocular trauma. *Ophthalmology* 2001;108:788-92.
9. Aldave AJ, King JA, Cunningham ET. Ocular syphilis. *Current Opinion in Ophthalmology* 2001;12: 433-41.
10. Hollander DA, Aldave AJ. Ocular bungee cord injuries. *Current Opinion in Ophthalmology* 2002;13:167-170.
11. 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.
12. Aldave AJ, Edward DP, Park AJ, et al. Central discoid corneal dystrophy. *Cornea* 2002;21:739-44.
13. Aldave AJ and Wong IG. A novel technique for harvesting keratolimbal allografts from corneoscleral buttons. *Am J Ophthalmol* 2002;135:929-31.
14. Aldave AJ, Shih JL, Jovkar S, McLeod SD. Peripheral keratitis associated with erythema elevatum diutinum. *Am J Ophthalmol* 2003;135:389-90.
15. Aldave AJ, Mabon M, Hollander DA, et al. Spontaneous corneal hydrops and perforation in keratoconus and pellucid marginal degeneration. *Cornea* 2003;22:169-74.
16. Crawford JB, Aldave AJ, McLeod SD, et al. Histopathological analysis of the cornea after laser in situ keratomileusis. *Arch Ophthalmol* 2003;121:896-8.
17. Aldave AJ, Yellore VS, Hwang DG. Atypical vortex pattern of corneal deposits in granular corneal dystrophy. *Cornea* 2003;22:754-9.
18. 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.
19. 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.
20. 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.
21. 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.

22. 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.
23. 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.
24. Hollander DA, Aldave AJ. Drug-induced corneal complications. *Current Opinion in Ophthalmology* 2004; 15:541-8.
25. Giaconi JA, Coleman AL, Aldave AJ. Epithelial downgrowth following surgery for congenital glaucoma. *American Journal of Ophthalmology* 2004; 138:1075-7.
26. Aldave AJ, Principe AH, Lin DY, et al. Lattice dystrophy-like localized amyloidosis of the cornea secondary to trichiasis. *Cornea* 2005; 24:112-5.
27. Aldave AJ, Yellore VS, Principe AH, et al. Candidate gene screening for posterior polymorphous dystrophy. *Cornea* 2005; 24:151-5.
28. Strauss EC, Aldave AJ, Spencer WH, et al. Management of prominent iris vascular tufts causing recurrent spontaneous hyphema. *Cornea* 2005; 24:224-6.
29. 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.
30. 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.
31. Aldave AJ, Hollander, DA, Branco B, et al. Primary graft failure associated with epithelial downgrowth. *BMC Ophthalmology* 2005; 5:11.
32. Aldave AJ. Corneal dystrophies: the role of the *TGFBI* gene. *Cataract and Refractive Surgery Today* 2005; July:35-7.
33. 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.
34. Aldave AJ. The clinical utility of genetic analysis in the diagnosis and management of inherited corneal disorders. *Contemporary Ophthalmology* 2005; 4:1-10.
35. 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.
36. 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.
37. 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.
38. Aldave AJ, Yellore VS, Rayner SA, et al. No *VSX1* gene mutations associated with keratoconus. *IOVS* 2006; 47:2820-2.

39. 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.
40. Aldave AJ, Sonmez B. Elucidating the molecular genetic basis of the corneal dystrophies: are we there yet? *Arch Ophthalmol* 2007;125:177-86.
41. 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.
42. 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.
43. 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 *PPCD1* locus on chromosome 20. *Genetics in Medicine* (In Press).
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