

Robert R. Young Professor and Chair
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Robert R. Young Professor and Chair, Department of Ophthalmology and Visual Science, Yale Eye Center, Yale University School of Medicine, New Haven, CT, July 2016 to present. Chief of Ophthalmology, Yale New Haven Hospital, New Haven, CT, July 2016 to present.

Pierre G. Jenkins Professor and Chairman, Department of Ophthalmology, Director of the Albert Florens Storm Eye Institute; Professor, Department of Regenerative Medicine, Medical University of South Carolina, Charleston, SC, October 2011 to July 2016.

Professor of Clinical Ophthalmology, Department of Ophthalmology and Robert L. Burch III Scholar, College of Physicians and Surgeons, Columbia University, New York, NY, January 1, 2006 to September 30, 2011; Associate Professor of Ophthalmology and Robert L. Burch III Scholar, September 1, 2000 to December 2005. Member, Stem Cell Consortium, Columbia University May 2009 – Sept 30, 2011.

Chief of Vitreoretinal Surgery, Associate Professor of Ophthalmology, Associate Professor of Neurosciences, University of Medicine and Dentistry of New Jersey, Newark, NJ, August 1998 to August 2000.

Assistant Professor of Ophthalmology and Visual Sciences (July 1991 to 1998), Assistant Professor of Biochemistry and Molecular Biophysics (July 1991 to 1998), Associate Professor of Ophthalmology and Visual Sciences (July 1998 to December 1999), Washington University School of Medicine, St. Louis, MO.

Instructor in Ophthalmology, July 1989 to June 1991, The Wilmer Eye Institute, The Johns Hopkins Hospital, Baltimore, MD and Attending Ophthalmologist, July 1989 to June 1991, Washington Eye Physicians and Surgeons, 5454 Wisconsin Avenue, Suite 950, Chevy Chase, Maryland 20815.

PATENT, BIOTECHNOLOGY STARTUP, and CONSULTING WORK

1. **Patent consultant:** had worked on 3-4 patent cases over the last 5 years, including depositions.
2. **Patents (personal):** I have 4 patents at different stages from filed to approved.
3. **Pharmaceutical/drug development consultant:** Have worked as a consultant about 5-10 times over the last 5 years on product development initiatives, on behalf of pharmaceutical companies.
4. **FDA experience:** I have served as an FDA consultant for 3 products over last 5 years

5. **Biotechnology startups:** I am a cofounder of 4 biotech startup companies over the last 15 years (RegenaSight, Advanced Ocular Technologies, Seeing Medicines, FerRx Bio)
6. **Medicolegal consultant** (as an expert witness for defense/plaintiffs): About 20 cases over the last 10 years. Includes deposition experience and trial testimony experience.

COMMITTEE EXPERIENCE

Finance Committee, Yale University School of Medicine, July 2016 – present

Medical Executive Committee, Yale New Haven Hospital, July 2016- present

Steering Committee, Yale Medicine Access and Care Center, Yale University School of Medicine, July 2019-present

Member of the Board, University Medical Associates, Medical University of South Carolina, October 2011-2012. Member of the physician practice plan board at MUSC.

Faculty Compensation Committee, Medical University of South Carolina, October 2011-2012. Committee was responsible for recommending changes in the structure of faculty compensation at MUSC.

Access Management Committee, Medical University of South Carolina, October 2012-present.

Medical Executive Committee, Medical University of South Carolina, October 2011-2012.

Practice Plan for Department of Ophthalmology, Physician Representative for Clinical Operations, Columbia University College of Physicians and Surgeons, September 2006-2010. I worked with the Chairman of the Department for Ophthalmology, departmental administrator and the practice manager to restructure departmental clinical operations. I was involved in improving efficiency of clinical operations and collections, and all aspects of office, including management including patient flow to operations in medical records, photography, technicians, front and back office staff.

Executive Committee of the Faculty Council, Columbia University College of Physicians and Surgeons, September 2004 to September 2011.

Voting Member of the Faculty Council, Columbia University College of Physicians and Surgeons, July 1, 2004 to September 2011.

Clinical Trials Advisory Committee, Columbia University, July 2005 to September 2011.

Board of Directors, Barnes Retina Institute, Barnes Hospital, July 1, 1995 to July 1998. Responsible for management of 11 physician joint venture composed of 4 full-time faculty

members of the Department of Ophthalmology and Visual Sciences at Washington University and 7 vitreoretinal surgeons on the part-time staff of Barnes Hospital.

Member, Faculty Compensation Committee, Department of Ophthalmology and Visual Sciences, Washington University School of Medicine, February 1995 to January 1997. Responsible for restructuring the faculty compensation plan for full-time members of the Department of Ophthalmology based on principles of strong faculty incentives in a time of decreasing physician reimbursement.

Member, Executive Clinical Faculty, Department of Ophthalmology and Visual Sciences, Washington University School of Medicine, 1997-1998.

Co-Director, Vitreoretinal Surgery Fellowship Program, Washington University School of Medicine, July 1991 to July 1998.

Quality Assurance Subcommittee Member, Barnes Hospital, Fall 1994 to Fall 1996. Responsible for quality assurance/outcome analysis within the Department of Ophthalmology.

CLINICAL TRAINING

Fellow in Vitreoretinal Surgery and Assistant Surgeon, 1988 and 1989, Preceptors: Ronald G. Michels, MD, Bert M. Glaser, MD, Serge de Bustros, MD; The Wilmer Eye Institute, The Johns Hopkins Hospital, Baltimore, MD

Fellow in Glaucoma, 1987 and 1988, Preceptors: Harry A. Quigley, MD, Irv P. Pollack, MD; The Wilmer Eye Institute

Resident in Ophthalmology, July 1984 to June 1987, The Wilmer Eye Institute

Intern in Internal Medicine, July 1983 to June 1984, Greater Baltimore Medical Center, Baltimore, MD

EDUCATION

MA (M.A. honorary, *privatim*), February 2017, Yale University, New Haven, CT

PhD in Physics, August 1984, Cornell University, Ithaca, NY. Thesis advisor: Dr. Aaron Lewis. The Molecular Basis of Visual Transduction in Vertebrate Rod Photoreceptors.

MD with Distinction in Research, June 1982, The University of Rochester School of Medicine and Dentistry, Rochester, NY

MS in Physics, August 1977, Cornell University

BS summa cum laude, June 1975 (Major: Physics; Minor: Mathematics), Cooper Union for the Advancement of Science and Art, New York, NY

HOSPITAL PRIVILEGES AND APPOINTMENTS

Attending Ophthalmologist, July 5, 2016 to present, Yale University School of Medicine, New Haven, CT

Attending Ophthalmologist, October 1, 2011 to July 2016, Medical University of South Carolina, Charleston, SC

Attending Ophthalmologist, August 1, 2000 to September 30, 2011, New York Presbyterian Hospital, New York, NY

Attending Ophthalmologist, August 1, 1998 to August 1, 2001, University Hospital, Newark, NJ

Attending Ophthalmologist, July 1, 1991 to July 1998, Barnes Hospital at Washington University Medical Center, Barnes West County Hospital, Saint Louis Children's Hospital, The Jewish Hospital of Saint Louis, Veterans Administration Hospital, Saint Louis, MO

Attending Surgeon, July 1989 to June 1991, The Wilmer Eye Institute, The Johns Hopkins Hospital, Baltimore, MD and Washington Hospital Center, Washington, D.C.

HONORS AND AWARDS

Inducted into the Retina Hall of Fame, American Society of Retinal Specialists, April 2022

New York Ophthalmological Society, inducted at the Union Club, New York, NY, April 2019.

Connecticut Magazine Best Doctors, included within a guide published by Castle Connolly Medical Limited, Second Edition, 2018-2019.

American Academy of Ophthalmology, Life Fellow and Member, received August 2018

MA (M.A. honorary, *privatim*), February 2017, Yale University, New Haven, CT

American Academy of Ophthalmology Senior Achievement Award, June 2016. Received in recognition of commitment to advancing the profession.

America's Top Doctors, included within a guide published by Castle Connolly Medical Limited, Second Edition, 2002-2019.

Distinguished Alumnus Award, The Wilmer Ophthalmological Institute, June 8, 2012.
Received in recognition of outstanding contribution to ophthalmology as a Wilmer Graduate.

New York Super Doctors, supplement to the New York Times, 2008, 2009, 2010.

Senior Honor Award, The American Society of Retina Specialists, New York, New York September 2009.

Fellow of the Association for Research in Vision and Ophthalmology, ARVO Fellow Silver level, inducted in the Class of 2009.

New York's Top Doctors, New York magazine, 2002, 2003, 2004, 2005, 2006, 2007, 2008.

Best Doctors in America, included in 2005-2006 database.

Honor Award, The American Society of Retina Specialists, San Diego, CA 2004.

Honor Award, The Vitreous Society, awarded 2002.

Lew R. Wasserman Award, Research to Prevent Blindness, June 1999

Teacher of the Year Award, Department of Ophthalmology, the University of Medicine and Dentistry of New Jersey, June 1999

Honor Award, American Academy of Ophthalmology, awarded 1994

Heed/Knapp Foundation Fellow, July 1988 to June 1989

Heed Foundation Fellow, July 1987 to June 1988

Medical Scientist Training Program Fellow, September 1977 to November 1979, The University of Rochester

Biophysics Fellow, September 1976 to August 1977, Cornell University

Sigma Pi Sigma, elected in 1974

Board of Regents Scholar, New York State, September 1971 to June 1975

TEACHING EXPERIENCE (non clinical)

Instructor in Bioengineering, January 1980 to August 1980, The University of Utah, Salt Lake City, Utah

Teaching Assistant in Physiology, Fall 1979, Cornell University

Lecturer in Physics, Summer 1977 and 1978, Cornell University

Laboratory Instructor in Physics, Summer 1976, Cornell University

Teaching Assistant in Physics, September 1975 to June 1977, Cornell University

PROFESSIONAL MEMBERSHIPS

American Association for the Advancement of Science
American Academy of Ophthalmology
Association for Research in Vision and Ophthalmology
American Medical Association
American Society of Retinal Specialists
International Society for Eye Research
The Retina Society
The Macula Society
Research to Prevent Blindness
The European Retina Society of Retina Specialists
South Carolina Medical Association

BOARD CERTIFICATION

Diplomate, American Board of Ophthalmology, certified May 16, 1989
Diplomate, National Board of Medical Examiners, certified November 1984

MEDICAL LICENSURE

STATE	LICENSE #	ISSUED	STATUS
South Carolina	AL34173	10/18/2011	ACTIVE
New York	182408	6/26/90	ACTIVE
New Jersey	MA 067450	7/1/98	ACTIVE
Florida	ME-0066474	12/9/95	ACTIVE
Maryland	D34798	3/3/87	INACTIVE
District of Columbia	17908	6/28/89	INACTIVE
Missouri	MD R2P26	4/26/91	INACTIVE
Illinois	036-092682	8/1/96	INACTIVE

MISCELLANEOUS LICENSE NUMBERS

UPIN number	B 70141
DEA	BD 1758785
NPI	1790702769

PATENTS:

Fields MA, Del Priore LV, Cai H, Hoyer D. COMPOUNDS AND METHODS FOR TREATING OR PREVENTING ANTERIOR SEGMENT OCULAR DISORDERS AND/OR RETINAL DEGENERATIONS". U.S. Patent Application No. 16/923,492 filed July 8, 2020 (Continuation-in-part of PCT Appl. No. PCT/US2019/012749, filed January 8, 2019) (Claiming priority of U.S. Prov'l Patent Appl. No. 62/614,757, filed January 8, 2018 and U.S. Prov'l Patent Appl. No. 62/716,546 filed August 9, 2018)

SCIENTIFIC ADVISORY BOARDS AND FDA PANELS

Consultant - Astellas Institute for Regenerative Medicine, 2017-2021

Scientific Advisory Board: LambdaVision, Farmington, CT. 2017-present.

Scientific Advisory Board, Tissue Regeneration Sciences, New York, NY 2017-present.

Consultant - CavtheRx, New Haven, CT , 2017-2021.

Medical and Scientific Advisor, Company Co-founder, Seeing Medicines, based out of Rochester, MN, 2021-2023

Member, FDA Panel Ad hoc member for FDA Panel on Ophthalmologic Products. September 2017.

Chairman, Regenerative Medicine and Cell Therapy Program (formerly Cell Based Therapy Program). Member, Scientific Advisory Board, Foundation Fighting Blindness, Owings Mills, Maryland. July 1, 2005 - forward.

National Scientific Advisory Council (NSAC) Member, American Federation for Aging Research (AFAR), 55 West 39th Street, 16th Floor, New York, NY 10018. 2012 – forward.

Scientific Advisory Board, Advanced Cell Technology, Boston, Mass., Responsible for overseeing safety aspects of a clinical trial for the treatment of advanced Stargardt's disease with transplantation of stem cells differentiated along an RPE lineage. 2012 – 2016

Member of the International Scientific Committee, Fondazione Retina 3000 (medical foundation), Centro Oftalmologico, Milano, Italia. August 2007 – 2011.

PERSONAL

Fluent in Italian; can converse in Spanish.

Hobbies: Tennis, PADI certified scuba diving, snorkeling, skiing.

EDITORIAL BOARDS

1. Journal of Ophthalmology, 2008-forward
2. Journal of Stem Cell Research and Transplantation, Editorial Board Member

PEER REVIEWER FOR THE FOLLOWING JOURNALS (within last 24 months)

Nature Medicine
American Journal of Ophthalmology
Archives of Ophthalmology
Current Eye Research
Experimental Eye Research
Investigative Ophthalmology and Visual Sciences
Ophthalmology
Retina

MISCELLANEOUS

1. Moderator, Session on RPE Transplantation, Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, FL, May 1994.
2. Moderator, Session on Submacular Surgery, Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, FL, May 1995.
3. Moderator, ARVO Press Forum on Gene Manipulation/Transplantation in the Eye - A Site for Sore Eyes, Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL, May 1997.
4. Organizer and Member of the Scientific Committee, International Conference on New Developments in the Treatment of Age-related Macular Degeneration, Gardonne, Italy, June 1997.
5. Moderator, Platform session on Retinal and RPE Transplantation, Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, FL, May 1998.
6. Member of the National Scientific Advisory Council, American Federation for Aging Research, 1414 Avenue of the Americas, New York, NY 10019, November 1998 to present.
7. Member of the Program Planning Committee (Retina), Association for Research in Vision and Ophthalmology, 1999-2001.
8. Ad hoc member of the Vision C Study Section, National Institutes of Health, Washington DC, October 11-12, 1999.
9. Ad hoc member of the Vision C Study Section, National Institutes of Health, Washington, DC, February 2000.

10. Moderator, Platform session on Vitreoretinal Experimental Studies, Retina Society meeting, Coral Gables, Florida, December 2000.
11. Moderator, Platform session on Retinal and RPE Transplantation, Meeting of the Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL, May 2001.
12. Organizer and Member of the Scientific Committee, Second International Conference on New Developments in the Treatment of Age-related Macular Degeneration, Gubbio, Italy, June 2001.
13. Moderator, Platform session on Retinal and RPE Transplantation, Meeting of the Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL, May 2002.
14. Moderator, Symposium on The Role of Bruch's Membrane in the Development of Age-related Macular Degeneration, Meeting of the Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL, May 2002.
15. Member, Liaison Committee, Foundation Fighting Blindness Pathophysiology facility, December 2002 forward.
16. Ad hoc member of the Member of Special Emphasis Panel, National Eye Institute, EY1 VSN (01), Bethesda, Maryland, July 26, 2006.
17. Moderator of Special Interest Group (SIG) Enzymatic Vitreopharmacolysis in Vitreoretinal Disease. Association for Research in Vision and Ophthalmology, April 2008, Fort Lauderdale, FL.
18. Moderator, Special Interest Group on Maculoplasty, Association for Research in Vision and Ophthalmology, April 2008, Fort Lauderdale, FL.

RESEARCH GRANTS

1. Diabetes Research Training Grant.

Source: NIH P60 DK20579 Principal Investigator - Dr. David Kipnis.

From December 1, 1992 to November 30, 1997.

Role on Project - Consulting Ophthalmologist. 9% effort.

2. Collaborative Ocular Melanoma Study.

Funding Source: NIH Project # 5 U10 EY06280-11, Principal Investigator/Director - Barbara Hawkins, PhD, Chairman- Stuart Fine, MD.

Annual Direct Costs: \$4,900 (Washington University component).

From: 9/30/85-7/31/00.

Role: Principal Investigator at Washington University School of Medicine (part of multi-centered clinical trial). Percent Effort: <2%.

3. Transplantation of Retinal Pigment Epithelium in Age-related Macular Degeneration.

Funding Source: The Kemper Foundation, Kansas City, MO.

Total award: \$50,000.

From: April 1, 1997 to August 1, 1998.

Role: Principal Investigator.

4. Transplantation of Fetal Porcine Retinal Pigment Epithelium into the Adult Porcine Eye.

Funding Source: Diacrin Inc

Total award: \$80,000.

From: December 1, 1997 to August 1, 1998.

Role: Principal Investigator.

5. Individual National Research Service Award.

Funding Source: National Institutes of Health.

Total award: \$29,004. Effort 9%.

From: July 1987 to June 1988.

Role: Post-doctoral Fellow.

6. Transplantation of Pig Retinal Pigment Epithelium

Funding Source American Federation for Aging Research

Total award: \$25,000.

From: July 1, 1993 to June 30, 1994.

Role: Principal Investigator.

7. Laser-Induced Biochemistry of Retinal Pigment Epithelium.

Funding Source: Diabetes Research Training Center, Washington University.

Total award: \$20,000.

From: December 1, 1993 to November 30, 1994.

Role: Principal Investigator.

8. Growth Factor Release after Laser Photocoagulation of the Retinal Pigment Epithelium.

Funding Source: American Diabetes Association.

Total award: \$100,000.

From: January 1, 1995 to June 30, 1997.

Role: Principal Investigator.

9. Binding of Human Retinal Pigment Epithelium to Normal and Diseased Areas of Bruch's Membrane in Organ Culture.

Funding Source: RP Foundation Fighting Blindness.

Total award: \$240,000.

From: From January 1, 1996 to December 31, 1998.

Role: Principal Investigator.

10. Role of Bruch's Membrane in Age-Related Macular Degeneration.

Funding Source: New Jersey Fund for the Blind.
Total award: \$2500.
From: October 1, 1999 to October 1, 2000.
Role: Principal Investigator.

11. Lew R. Wasserman Award
Funding Source: Research to Prevent Blindness, New York, NY
Total award: \$55,000.
From: June 16, 1999 to August 2000.
Role: Principal Investigator.

12. Transplantation of Retinal Pigment Epithelial Cells May Prevent Atrophy of the Choriocapillaris and Overlying Retina. Fight for Sight postdoctoral fellowship award on behalf of Dr. Takehiko Suzuki.
Total award: \$14,000.
From: July 1, 1999 to June 30, 2000.
Role: Supervised Postdoctoral Fellow.

13. Postdoctoral Fellowship supplement.
Funding Source: UMDNJ Foundation
Total award: \$5,000.
From: July 1, 1999 to June 30, 2000.
Role: Supervised Postdoctoral Fellow.

14. Binding of Human Retinal Pigment Epithelium to Normal and Diseased Areas of Bruch's Membrane in Organ Culture.
Source: RP Foundation Fighting Blindness.
From: July 1, 1999 - June 30, 2001.
Total award: \$194,316.
Role: Principal Investigator.

15. Effect of Extracellular Matrix Ligands on RPE Attachment to Bruch's Membrane
Funding Source: American Health Assistance Foundation.
Total award: \$137,000
From: April 1, 1999 to March 30, 2002.
Role: Principal Investigator.

16. Transplantation of Retinal Pigment Epithelium.
Source: R01 from the National Eye Institute, National Institute of Health.
Total award: \$411,228.63 (direct costs) for 1/1/94-12/31/96; \$600,000 (approximate direct costs) for 1/1/97 to 12/31/01; Effort: 40%.
From: January 1, 1994 to December 31, 2001, application in revision.
Role: Principal Investigator.

17. Xenotransplantation of Fetal Porcine RPE into the Rabbit Eye.
Funding Source: Diacrin Inc., Charlestown, Massachusetts.
Total award: \$81,543.
From: February 1, 2001 until December 31, 2002.

Role: Principal Investigator.

18. Greater NY Center for the Study of Retinal Degeneration: Columbia University Center

Source: Foundation Fighting Blindness.

From: July 1, 2001 - June 30, 2005.

Total award: \$1,085,584 for Modules X-XII; \$425,627 for module X-XII.

Role: Director, Columbia University Center

Principal Investigator for Module X (Binding of Human RPE to Diseased Human Bruch's Membrane in Organ Culture).

19. Changes in Gene Expression of RPE Seeded onto AMD Bruch's Membrane.

Funding Source: The Macula Society.

Total award: \$10,000.

From: January 1, 2002 forward.

Role: Principal Investigator.

20. Unrestricted Funds to Support Eye Research

Funding Source: Eye Surgery Fund, Columbia University.

Total award: \$140,000.

From January 1, 2002 to December 2006.

Role: Principal Investigator.

21. Laser-induced and chemical rejuvenation of aged collagen

Source: Hickey Family Foundation

From: March 1, 2005 to February 28, 2008

Direct Costs: \$100,000 per year for 3 years

Role: Principal Investigator

Goals: To demonstrate that laser photocoagulation and chemical treatments can be used to reverse age-related changes in collagen the human eye, and that this will improve the behavior of retinal pigment epithelium in AMD.

22. Stem Cell Transplantation for Retinal Degenerations

Funding Source: The Macula Foundation

Total Award: \$25,000 per annum for 3 years

From January 2006-December 2008

Role: Principal Investigator

23. Greater New York Center for Retinal Degenerative Disease

Foundation Fighting Blindness, 11435 Cronhill Drive

Owings Mills, MD 21117-2220

Role: Principal Investigator, Columbia University component; Co-investigators at Columbia University: Rando Allikmets, PhD; Stephen Goff, PhD

Center Coordinators at other sites:

Marco A. Zarbin, MD, PhD, University of Medicine and Dentistry of New Jersey

Ronald Carr, MD; New York University

Total Amount: \$1,683,223

Dates: 07/01/2005-6/30/2010

24. Embryonic Stem Cell Differentiation in Retinal and RPE Progenitors

Source: Hickey Family Foundation

From: March 1, 2008 to February 28, 2011

Direct Costs: \$161,238 for first year; \$497,214 total for 3 years

Role: Principal Investigator

Goals: To induce the differentiation of embryonic stem cells (mouse and human) into photoreceptors and retinal epithelium prior to transplantation into animal models of age-related macular degeneration.

25. Generation of a Murine Model of Geographic Atrophy and Its treatment with Embryonic Stem Cell Transplantation

Source: Beckman Institute for Macular Research

From: July 1, 2010 to June 30, 2011

Direct Costs: \$100,000

Role: Principal Investigator. Co-investigators: Stephen Tsang, MD, PhD, Janet Sparrow, PhD, R Theodore Smith, MD

Goals: To generate an animal model of geographic atrophy and treat this disorder with embryonic stem cells that are differentiated towards an RPE lineage.

26. Unrestricted Funds to Support Research in Age-related Macular Degeneration

Funding Source: Robert L. Burch III Fund, Columbia University.

Total award: \$130,000.

From January 1, 2002 to September 2011.

Role: Principal Investigator.

27. Greater New York Center for Retinal Degenerative Disease

Foundation Fighting Blindness, 11435 Cronhill Drive

Owings Mills, MD 21117-2220

Role: Principal Investigator

Total Amount: \$1,500,000

Dates: 07/01/2010-6/30/2015

28. Research to Prevent Blindness

New York, NY

Role: Principal Investigator

Total: \$115,000 per year

Dates: 7/1/11 to 6/30/16

CLINICAL TRIALS:

Second Sight Medical Products, study on implantation of the artificial retina in patient with severe retinitis pigmentosa.

Role: Principal Investigator and Principal Surgeon

Sponsor: Second Sight

Purpose: Implanted an artificial retinal prosthesis into the eye of a patient with bare light

perception vision from end stage retinitis pigmentosa.

PUBLICATIONS

1982

1. Del Priore LV, Doyle C, Andrade JD. Characterization of Vapor-deposited Silver Films Exhibiting Surface-enhanced Raman Scattering by Raman and X-ray Photoelectron Spectroscopy. *Applied Spectroscopy* 36:69-71, 1982.

1983

2. Del Priore LV, Lewis A. Calcium-dependent Activation and Deactivation of Rod Outer Segment Phosphodiesterase is Calmodulin-independent. *Biochem Biophys Res Commun* 113:317- 324, 1983.

1984

3. Del Priore LV, Lewis A, Schaaf KA. Membrane Structural Alterations in Malignant and Normal Avian Lymphocytes: A Raman Investigation. *Membrane Biochemistry* 5:97-107, 1984.

1985

4. Del Priore LV, Lewis A. Vanadate, Tungstate and Molybdate Activate Rod Outer Segment Phosphodiesterase in the Dark. *Biochem Biophys Acta* 845:81-85, 1985.

1986

5. Del Priore LV, Guyton DL. The Jackson Cross Cylinder: A Reappraisal. *Ophthalmology* 93:1461-1465, 1986.

1987

6. Del Priore LV, Lewis A, Carley WW, Webb WW. Fluorescence Light Microscopy of F-Actin in Retinal Rods and Glial Cells. *Inv Ophthalmol Vis Sci* 8:633-639, 1987.
7. Guyton DL, Del Priore LV. Letter to the Editor, The Jackson Cross Cylinder (Reply) *Ophthalmology* 94:893-894, 1987.
8. Pollack IP, Robin AL, Streisfeld DL, Del Priore LV, et al. Neodymium:YAG Laser: Histopathology of Effects Upon Monkey Trabecular Meshwork and Role in the Treatment of Open-angle Glaucoma. In: *Glaucoma Update III*. Ed: G. K. Kriegelstein, Springer-Verlag, Berlin Heidelberg (1987), p. 185-193.

1988

9. Lewis A, Del Priore LV. The Biophysics of Visual Photoreception. *Physics Today* 41:38-46, 1988.
10. Del Priore LV, Robin AL, Pollack IP. Long-term Follow-up of Neodymium:YAG Laser Angle Surgery for Open-angle Glaucoma. *Ophthalmology* 95:277-281, 1988.
11. Del Priore LV, Robin AL, Pollack IP. Neodymium:YAG versus Argon Laser Iridotomy for Pupillary Block Glaucoma. *Ophthalmology* 95:1207-1211, 1988.
12. Del Priore LV, Glaser BM, Quigley HA, Dorman ME, Green WR. Morphology of Pig Retinal Pigment Epithelium Maintained in Organ Culture. *Arch Ophthalmology* 106:1286-1290, 1988.

1989

13. Del Priore LV, Glaser BM, Quigley HA, Green WR. Response of the Retinal Pigment Epithelium to Laser Photocoagulation In Vitro. *Arch Ophthalmology* 107:119-122, 1989.
14. Del Priore LV, Michels RG, Nunez MA, Smiddy W, Glaser BM, de Bustros S. Intraocular Pressure Measurement after Pars Plana Vitrectomy. *Ophthalmology* 96:1353-1356, 1989.
15. Del Priore LV, Miller NR. Trigeminal Schwannoma as a Cause of Chronic Isolated Sixth Nerve Palsy. *Am J Ophthalmol* 108:726-729, 1989.

1991

16. Schwartz AL, Del Priore LV. The Evolving Role of Argon Laser Trabeculoplasty in Glaucoma. *Ophthalmology Clinics of North America* 4:827-838, 1991.

1993

17. Del Priore LV, Kaplan HJ, Silverman MS, Valentino T, Mason G, Hornbeck R. Experimental and Surgical Aspects of Retinal Pigment Epithelial Cell Transplantation. *Eur J Implant Ref Surg* 5:128-132, 1993.

1994

18. Del Priore LV. Surgical Management of Idiopathic Macular Holes. *European Journal of Ophthalmology* 4:35-42, 1994.
19. Bynoe LA, Chang TS, Funata M, Del Priore LV, Kaplan HJ, Green WR. Histopathologic Examination of Vascular Patterns in Subfoveal Neovascular Membranes. *Ophthalmology* 101:1112-1117, 1994.
20. Arfken C, Salicrup A, Meuer S, Del Priore LV, Klein R, J. McGill, Rucker C, White N, Santiago J. Retinopathy in African Americans and Whites with Insulin Dependent Diabetes Mellitus. *Arch Intern Medicine* 154:2597-2602, 1994.
21. Del Priore LV, Kaplan HJ, Bonham R. Laser Photocoagulation and Fluid-Gas Exchange for the Treatment of Recurrent Macular Hole. *Retina* 14:381-382, 1994.

1995

22. De Ungria JM, Del Priore LV, Hart W. Abnormal Disc Vessels after Diabetic Papillopathy. *Arch Ophthalmol* 113:245-246, 1995.
23. Desai VN, Del Priore LV, Kaplan HJ. Choriocapillaris Atrophy after Submacular Surgery in the Presumed Ocular Histoplasmosis Syndrome. *Arch Ophthalmol* 113:409-410, 1995.
24. Valentino TL, Kaplan HJ, Del Priore LV, Fang SR, Berger A, Silverman MS. Retinal Pigment Epithelial Repopulation in Monkeys after Submacular Surgery. *Arch Ophthalmol* 113:932-938, 1995.
25. Matsumoto B, Del Priore LV. Transretinal Membrane Formation in Diffuse Unilateral Subacute Neuroretinitis. *Retina* 15:146-149, 1995.
26. Del Priore LV, Hornbeck R, Kaplan HJ, Jones Z, Valentino TL, Mosinger-Ogilvie J, Swinn M. Debridement of the Pig Retinal Pigment Epithelium *In Vivo*. *Arch Ophthalmol* 113:939-944, 1995.
27. Adelberg DA, Del Priore LV, Kaplan HJ. Surgery for Subfoveal Membranes in Myopia, Angioid Streaks, and Other Disorders. *Retina* 15:198-205, 1995.
28. Del Priore LV, Kaplan HJ. Pathogenesis of Age-related Macular Degeneration (letter). *Ophthalmology* 102:1125-1126, 1995.

1996

29. Akduman LA, Del Priore LV, Kaplan HJ, Meredith TA. Uveal Effusion Syndrome Associated with Primary Pulmonary Hypertension and Vomiting. *Am J Ophthalmology* 121:578-580, 1996.
30. Tezel TH, Del Priore LV. Density-dependent Growth Regulation of Pig Retinal Pigment Epithelial Cells *In Vitro*. *Graefes Arch Clinical and Experimental Ophthalmology* 234:S89-95, 1996.
31. Pollack JS, Del Priore LV, Smith ME, Feiner MA, Kaplan HJ. Postoperative Abnormalities of the Choriocapillaris in Exudative Age-related Macular Degeneration. *Brit J Ophthalmol* 80:314-318, 1996.
32. Akduman LA, Kolker AE, Black DL, Del Priore LV, Kaplan HJ. Treatment of Persistent Glaucoma Secondary to Periocular Corticosteroids. *Am J Ophthalmol* 122:275-277, 1996.
33. Del Priore LV, Kaplan HJ, Hornbeck R, Jones Z, Swinn M. Retinal Pigment Epithelial Debridement as a Model for the Pathogenesis and Treatment of Macular Degeneration. *Am J Ophthalmol* 122:629-643, 1996.
34. Tezel TH, Del Priore LV, Flowers BE, Grosz D, Benenson IL, Zamora RL, Kaplan HJ. Correlation between Scanning Laser Ophthalmoscope (SLO) Microperimetry and Anatomic Abnormalities in Patients with Subfoveal Neovascularization. *Ophthalmology* 103:1829-1836, 1996.
35. Zamora RL, Del Priore LV, Storch GA, Gelb LD, Sharp J. Multiple Recurrent Branch Retinal Artery Occlusions Associated with Varicella Zoster Virus. *Retina* 16:399-404, 1996.
36. Ho TC, Del Priore LV, Kaplan HJ. En Bloc Transfer of Extracellular Matrix *In Vitro*. *Curr Eye Res* 15:991-997, 1996.
37. Akduman LA, Del Priore LV, Kaplan HJ, Powderly WG. Rifabutin-induced Vitritis in AIDS Patients. *Ocular Immunology and Inflammation* 4:219-224, 1996.

1997

38. Ho TC, Del Priore LV, Kaplan HJ. Tissue Culture of Retinal Pigment Epithelium Following Isolation with a Gelatin Matrix Technique. *Exp Eye Research* 64:133-139, 1997.
39. Akduman LA, Desai VN, Del Priore LV, Olk RJ, Kaplan HJ. Visual Improvement After Subfoveal Surgery in POHS Depends on Perfusion of Subfoveal Choriocapillaris. *Am J Ophthalmol* 123:90-96, 1997.
40. Ho TC, Del Priore LV. Reattachment of Human Retinal Pigment Epithelium to Extracellular Matrix and Human Bruch's Membrane. *Invest Ophthalmol Vis Sci* 38:1110-1118, 1997.
41. Tezel TH, Del Priore LV, Kaplan HJ. Reattachment to a Substrate Prevents Apoptosis of Human Retinal Pigment Epithelium. *Graefe's Arch Clin Exp Ophthalmol* 235:41-47, 1997.
42. Berman A, Del Priore LV, Fischer CK. Endogenous *Ochrobactrum Anthropi* Endophthalmitis. *Am J Ophthalmol* 123:560-562, 1997.
43. Akduman LA, Adelberg DA, Del Priore LV. Nanophthalmic Uveal Effusion Managed with Scleral Windows and Topical Mitomycin-C. *Ophthalmic Surgery and Lasers* 28:325-327, 1997.
44. Del Priore LV, Kaplan HJ, Berger AS. Retinal Pigment Epithelial Transplantation in the Management of Subfoveal Choroidal Neovascularization. *Seminars in Ophthalmology* 12:45-55, 1997.
45. Ho TC, Del Priore LV, Hornbeck R. Effect of Mitomycin-C on Human Retinal Pigment Epithelium in Tissue Culture. *Curr Eye Res* 16:572-576, 1997.
46. Tezel TH, Del Priore LV, Kaplan HJ. Harvest and Storage of Adult Human Retinal Pigment Epithelial Sheets. *Curr Eye Res* 16:802-809, 1997.
47. Berger AS, Conway M, Del Priore LV, Walker RS, Pollack JS, Kaplan HJ. Submacular Surgery for Subfoveal Choroidal Neovascular Membranes in Patients With Presumed Ocular Histoplasmosis. *Arch Ophthalmology* 115:991-996, 1997.
48. Akduman LA, Arribas JR, Del Priore LV, Kaplan HJ, Powderly WG. Major blinding complication of acquired immune deficiency syndrome (AIDS) [letter]. *Retina* 17:167-8, 1997.
49. Kaplan HJ, Tezel TH, Berger AS, Wolf ML, Del Priore LV. Human Photoreceptor Transplantation in Retinitis Pigmentosa: A Safety Study. *Arch Ophthalmol* 115:1168-1172, 1997.
50. Berman AJ, Del Priore LV. Ophthalmologic Aspects of HIV Infection. Chapter 16, pp. 124-132. In: *Manual of HIV Therapeutics*. Ed: William G. Powderly, MD. Lippincott-Raven, Philadelphia-New York, 1997.

1998

51. Bynoe LA, Del Priore LV, Hornbeck R. Photosensitization of Retinal Pigment Epithelium by Protoporphyrin IX. *Graefe's Arch Clin Exp Ophthalmol* 236:230-233, 1998.
52. Tezel TH, Del Priore LV, Kaplan HJ. Posterior Vitreous Detachment with Dispare. *Retina* 18:7-15, 1998.
53. Del Priore LV, Tezel TH. Reattachment Rate of Human Retinal Pigment Epithelium to Layers of Human Bruch's Membrane. *Arch Ophthalmol* 116:335-341, 1998.

54. Akduman LA, Del Priore LV, Kaplan HJ. Spontaneous Resolution of Retinal Detachment Occurring after Macular Hole Surgery. *Arch Ophthalmol* 116:465-467, 1998.
55. Del Priore LV, Tezel TH, Ho TC, Kaplan HJ. The Role of Bruch's Membrane in Survival of Transplanted Retinal Pigment Epithelium. In: *Proceedings of the First International Conference on New Developments in the Treatment of Age-related Macular Degeneration* (Ed: G. Panozzo, M. Zarbin, A. Capone, L.V. Del Priore, E. de Juan), 1998; p 145-151.
56. Kaplan HJ, Del Priore LV, Berger AS, Tezel TH. RPE Transplantation in Age-Related Macular Degeneration. In: *Proceedings of the First International Conference on New Developments in the Treatment of Age-related Macular Degeneration* (Ed: G. Panozzo, M. Zarbin, A. Capone, L.V. Del Priore, E. de Juan), 1998, p. 161-164.
57. Kaplan HJ, Berger AS, Tezel TH, Del Priore LV. Photoreceptor Transplantation in Retinitis Pigmentosa. In: *Proceedings of the First International Conference on New Developments in the Treatment of Age-related Macular Degeneration* (Ed: G. Panozzo, M. Zarbin, A. Capone, L.V. Del Priore, E. de Juan), 1998, p. 193-197.
58. Atebara NH, Thomas MA, Holekamp NM, Mandell BA, Del Priore LV. Surgical Removal of Extensive Peripapillary Choroidal Neovascularization Associated with Presumed Ocular Histoplasmosis Syndrome. *Ophthalmology* 1998;105:1598-1605.
59. Tezel TH, Del Priore LV. Serum-free Media for Culturing and Serial Passaging of Adult Human Retinal Pigment Epithelium. *Exp Eye Res* 66:807-815, 1998.
60. Kim KS, Tezel TH, Del Priore LV. Minimum Number of Adult Human Retinal Pigment Epithelial Cells Required to Establish a Confluent Monolayer *In Vitro*. *Curr Eye Res* 17:962-969, 1998.
61. Del Priore LV, Tezel TH, Berger AS, Kaplan HJ. Retinal Pigment Epithelial Transplantation for Subfoveal Choroidal Neovascularization: Clinical and Laboratory Studies. *Vitreo-Retinal and Uveitis Update* (ed: Saer JB), *Proceedings of the 47th Annual Symposium of the New Orleans Academy of Ophthalmology*, Kugler Publications, The Hague, The Netherlands, 1998, pp. 65-81.
62. Berger AS, Del Priore LV, Kaplan HJ. Surgery for Subfoveal Choroidal Neovascularization. *Vitreo-Retinal and Uveitis Update* (ed: Saer JB), *Proceedings of the 47th Annual Symposium of the New Orleans Academy of Ophthalmology*, Kugler Publications, The Hague, The Netherlands, 1998.
63. Kaplan HJ, Tezel TH, Del Priore LV. Retinal pigment epithelial transplantation in age-related macular degeneration [editorial]. *Retina* 1998; 18:99-102.

1999

64. 63. Tezel TH, Del Priore LV, Kaplan HJ. Fate of Human Retinal Pigment Epithelial Cells Seeded onto Layers of Human Bruch's Membrane. *Invest Ophthalmol Vis Sci* 1999;40:467-476.
65. 64. Tezel TH, Del Priore LV. Repopulation of Different Layers of Host Human Bruch's Membrane by Retinal Pigment Epithelial Cell Grafts. *Invest Ophthalmol Vis Sci* 1999;40:767-774.
66. 65. Kruickshanks KJ, Fryback DG, Nondahl DM, Robinson N, Keesey U, Dalton DS, Robertson DM, Chandra SR, Mieler WF, Zakov ZN, Custer PL, Del Priore LV, Albert D. Treatment Choice and Quality of Life in Patients with Choroidal Melanoma. *Arch Ophthalmol* 1999;117:461-467.

67. Del Priore LV, Tezel TH, Ho TC, Kaplan HJ. Retinal Pigment Epithelial Transplantation in Exudative Age-related Macular Degeneration: What Do In Vivo and In Vitro Studies Teach Us? In: Retinal Pigment Epithelium and Macular Diseases, Documenta Ophthalmologica Proceedings Series 62. G. Coscas, F. Cardillo Piccolino, eds., Kluwer Academic Publishers 1999 pp. 125-34.
68. Tezel TH, Del Priore LV. TGF-beta Secretion Modulates the Density-dependent Growth of Pig Retinal Pigment Epithelium In Vitro. Ophthalmic Research 1999;31:192-202.
69. Kaplan HJ, Tezel TH, Berger AS, Del Priore LV. Retinal transplantation. In Streilein JW. Immune responses in the eye. Chemical Immunology 1999; 73:207-219.
70. Abdelsalem A, Del Priore LV, Zarbin MA. Review of drusen pathogenesis, natural history, and laser photocoagulation-induced regression in age-related macular degeneration. Surv Ophthalmology 1999;44:1-29.

2001

71. Del Priore LV, Kaplan HJ, Tezel TH, Hayashi N, Green WR. Retinal Pigment Epithelial Cell Transplantation after Subfoveal Membranectomy in Age-Related Macular Degeneration: Clinicopathologic Correlation. Am J Ophthalmol. 2001;131:472-80.

2002

72. Del Priore LV, Kaplan HJ, Tezel TH. Retinal Pigment Epithelial Cell Transplantation in Age-Related Macular Degeneration. In: Age-related Macular Degeneration, Marcel Dekker, Inc. 2002, New York, NY, pp. 493-509.
73. Del Priore LV, Kuo YH, Tezel TH. Age-Related Changes in Human RPE Cell Density and Apoptosis Proportion *In Situ*. Invest Ophthalmol Vis Sci 2002;43:3312-3318.
74. Del Priore LV. Retinal Transplantation: Where do we stand? Vitreoretinal Surgery and Technology 2002;11(4):5-9.
75. Del Priore LV, Geng L, Tezel TH, Kaplan HJ. Extracellular matrix ligands promote RPE attachment to inner Bruch's membrane. Curr Eye Res 2002;25:79-89.
76. Del Priore LV, Kuo YH, Tezel TH. Age-related changes in human RPE cell density and apoptosis proportion in situ. Invest Ophthalmol Vis Sci 2002;43:3312-8.
77. Borodoker N, Del Priore LV, De A Carvalho C, Yannuzzi LA. Retinopathy as a result of long-term use of thioridazine. Arch Ophthalmol 2002;120:994-5.
78. Leen JS, Ratnakaram R, Del Priore LV, Bhagat N, Zarbin MA. Anterior segment ischemia after vitrectomy in sickle cell disease. Retina 2002;22:216-9.

2003

79. Ciardella AP, Barile G, Schiff W, Del Priore L, Langton K, Chang S. Ruptured retinal arterial macroaneurysm associated with a stage IV macular hole. Am J Ophthalmol 2003;135:907-9.
80. Grigorian RA, Castellarin A, Fegan R, Seery C, Del Priore LV, Von Hagen S, Zarbin MA. Epiretinal membrane removal in diabetic eyes: comparison of viscodissection with conventional methods of membrane peeling. Br J Ophthalmol 2003;87:737-41.

81. Castellarin A, Grigorian R, Bhagat N, Del Priore L, Zarbin MA. Vitrectomy with silicone oil infusion in severe diabetic retinopathy. *Br J Ophthalmol* 2003;87:318-21.
82. Berger AS, Tezel TH, Del Priore LV, Kaplan HJ. Photoreceptor transplantation in retinitis pigmentosa: short-term follow-up. *Ophthalmology* 2003;110:383-91.
83. Del Priore LV, Sheng Y, Johnson E, Jacoby DB, Edge A, Suzuki T, Geng L, Tezel TH, Kaplan HJ. Identification of transplanted retinal pigment epithelium with a novel chromosomal marker. *Curr Eye Res* 2003;26:125-131.
84. Grigorian R, Chang J, Zarbin MA, Del Priore LV. A new technique for suture fixation of posterior chamber intraocular lenses that eliminates intraocular knots. *Ophthalmology* 2003;100:1349-1356.
85. Del Priore LV, Ishida O, Johnson EW, Sheng Y, Jacoby DB, Geng L, Tezel TH, Kaplan HJ. Triple immune suppression increases short-term survival of porcine fetal retinal pigment epithelium xenografts. *Invest Ophthalmol Vis Sci* 2003;44:4044-4053.
86. McLaughlin BJ, Fan W, Zheng JJ, Cai H, Del Priore LV, Bora NS, Kaplan HJ. Novel role for a complement regulatory protein (CD46) in retinal pigment epithelial adhesion. *Invest Ophthalmol Vis Sci* 2003;44: 3669-3674.
87. Pece A. Del Priore LV. I trapianti retinici. *Retinal Transplantation [Italian]. L'Oculista Italiano* 2003;137:4-5.
88. Grigorian RA, Castellarin A, Bhagat N, Del Priore LV, Von Hagen S, Zarbin MA. Use of viscodissection and silicone oil in vitrectomy for severe diabetic retinopathy. *Seminars in Ophthalmology* 2003; 18: 121-126.

2004

89. Del Priore LV, Tezel TH, Kaplan HJ. Survival of allogeneic porcine retinal pigment epithelial sheets after subretinal transplantation. *Invest Ophthalmol Vis Sci* 2004;45:985-992.
90. Wang L, Del Priore LV. Bull's-Eye maculopathy secondary to herbal toxicity from uva ursi. *Am J Ophthalmol* 2004;137:1135-1137.
91. Schickner DC, Yarkoni A, Langer P, Frohman L, Chen X, Folberg R, Del Priore LV. Panophthalmitis due to clostridium septicum. *Am J Ophthalmol* 2004;137:942-4.
92. Lalin SC, Chang S, Flynn H, von Fricken M, Del Priore LV. Familial Idiopathic Macular Hole. *Am J Ophthalmol* 2004; 138:608-611.
93. Tezel TH, Del Priore LV, Kaplan HJ. Reengineering of Aged Bruch's Membrane to Enhance Retinal Pigment Epithelium Repopulation. *Invest Ophthalmol Vis Sci.* 2004; 45:3337-48.

2005

94. Wender J, Iida T, Del Priore LV. Morphologic analysis of stage 3 and stage 4 macular holes: Implications for treatment. *Am J Ophthalmol* 2005 ;139:1-10.
95. Del Priore LV. Effect of Sham Surgery on Retinal Function after Subretinal Artificial Silicone Retina Surgery [letter]. *Arch Ophthalmol* 2005;123:1156.
96. Cekic O, Chang S, Tseng JJ, Barile GR, Del Priore LV, Weissman H, Schiff WM, Ober MD. Intravitreal triamcinolone injection for treatment of macular edema secondary to branch retinal vein occlusion. *Retina.* 2005;25:851-855.

97. Cekic O, Chang S, Tseng JJ, Barile GR, Weissman H, Del Priore LV, Schiff WM, Weiss M, Klancnik JM Jr. Intravitreal triamcinolone treatment for macular edema associated with central retinal vein occlusion and hemiretinal vein occlusion. *Retina*. 2005;25:846-50.
98. Wang Z, Paik DC, Del Priore LV, Gaillard ER. Nitrite-modified extracellular matrix proteins deleteriously affect retinal pigment epithelial cell function and viability: a comparison study with nonenzymatic glycation mechanisms. *Curr Eye Res* 2005;30:691-702.
99. Kulkarni K, Del Priore LV. Linezolid-Induced Toxic Optic Neuropathy. Linezolid induced toxic optic neuropathy. *Br J Ophthalmol*. 2005;89:1664-5.

2006

100. Cai H, Del Priore LV. Bruch membrane aging alters the gene expression profile of human retinal pigment epithelium. *Curr Eye Res*. 2006;31:181-9.
101. Cai H, Del Priore LV. Gene expression profile of cultured adult compared to immortalized human RPE. *Mol Vis*. 2006;12:1-14.
102. Cai H, Shin MC, Tezel TH, Kaplan HJ, Del Priore LV. Use of Iris Pigment Epithelium to Replace Retinal Pigment Epithelium in AMD: A Gene Expression Analysis. *Arch Ophthalmol* 2006;124:1276-1285.
103. Ober MD, Del Priore LV, Tsai J, Lopez R, Lobes LA Jr, Puklin JE, Young T. Diagnostic and therapeutic challenges. *Retina* 2006;26:462-7.
104. Hwang JC, Barile GR, Schiff WM, Ober MD, Smith RT, Del Priore LV, Turano MR, Chang S. Optical coherence tomography in asteroid hyalosis. *Retina* 2006;26:661-5.
105. Del Priore LV. Stiffness of retinal and choroidal tissue: a surface wrinkling analysis of epiretinal membranes and choroidal folds. *Am J Ophthalmol*. 2006;142:435-440.
106. Greene AB, Del Priore LV, Iranmanesh R. Isolated foveolar detachment in Irvine-Gass syndrome. *Br J Ophthalmol*. 2006;90:1210-1.
107. Tezel TH, Geng L, Kaplan HJ, Del Priore LV. Retinal pigment epithelium rescues vascular endothelium from retinoic acid-induced apoptosis. *Invest Ophthalmol Vis Sci*. 2006;47:5075-5087.
108. Del Priore LV, Tezel TH, Kaplan HJ. Maculoplasty for age-related macular degeneration: reengineering Bruch's membrane and the human macula. *Prog Ret Eye Res* 2006;25:539-62.

2007

109. Keegan D, Del Priore LV. Gene Therapy for Age Related Macular Degeneration. *Retinal Physician*, <http://www.retinalphysician.com/article.aspx?article=100198>
110. Schiff WM, Barile GR, Hwang JC, Tseng JJ, Cekic O, Del Priore LV, Chang S. Diabetic vitrectomy: influence of lens status upon anatomic and visual outcomes. *Ophthalmology* 2007;114:544-50.
111. Del Priore LV, Kaplan HJ, Tezel TH. Retinal Pigment Epithelial Cell Transplantation and Macular Reconstruction in Age-Related Macular Degeneration. In: *Age-related Macular Degeneration*, Marcel Dekker, Inc. 2007 (2ND EDITION), New York, NY, in press.

112. Shah AR, Del Priore LV. Progressive Visual Loss in Subfoveal Exudation in Age-related Macular Degeneration: A Meta-analysis Using Lineweaver-Burke Plots. *Am J Ophthalmol* 143:83-8, 2007.
113. Tezel TH, Del Priore LV, Berger AS, Kaplan HJ. Adult Retinal Pigment Epithelial Transplantation in Exudative Age-related Macular Degeneration. *Am J Ophthalmol* 2007;143:584-595.
114. Kulkarni K, Zarbin M, Del Priore LV, Tezel TH. Ab externo technique for accurate haptic placement of transscleral sutured posterior chamber intraocular lenses. *Ophthalmic Surg Lasers Imaging* 2007;38:72-5.

2008

115. Almony A, Thomas MA, Atebara NH, Holekamp NM, Del Priore LV. Long-term Follow-up of Surgical Removal of Extensive Peripapillary Choroidal Neovascularization in Presumed Ocular Histoplasmosis Syndrome. *Ophthalmology* 2008 ;115:540-545.
116. Sun K, Cai H, Tezel TH, Paik D, Gaillard ER, Del Priore LV. Bruch's membrane aging decreases phagocytosis of outer segments by retinal pigment epithelium. *Molecular Vision* 2008; 13:2310-2319 <<http://www.molvis.org/molvis/v13/a261>>
117. Del Priore LV, Kaplan HJ, Tezel TH. Therapeutic Agents for Posterior Segment Vitrectomy Surgery. *Ocular Therapeutics: an Eye to New Discoveries* (Ed: Yorio T, Clark A, Wax M). Academic Press, 2008, pp. 377-392.
118. Eandi CM, Del Priore LV, Bertelli E, Ober MD, Yannuzzi LA. Central serous chorioretinopathy in patients with keratoconus. *Retina* 2008 28:94-6.
119. Gong J, Sagiv O, Cai H, Tsang SH, Del Priore LV. Effects of extracellular matrix and neighboring cells on induction of human embryonic stem cells into retinal or retinal pigment epithelial progenitors. *Exp Eye Res.* 2008;86:957-65. Epub 2008 Mar 28.
120. Fine HF, Sorenson JJ, Spaide RF, Cooney MJ, Fisher Yale L, Del Priore LV. Spontaneous scleral rupture adjacent to retinochoroidal coloboma. *Retinal Cases & Brief Reports.* 2:296-298, Fall 2008.
121. Engelbert M, Del Priore LV, Al-Aswad LA Neovascular Glaucoma. *Contemporary Ophthalmology* 2008, 7(5):1-8.
122. Song BJ, Cai H, Tsai JC, Chang S, Forbes M, Del Priore LV. Intravitreal recombinant human erythropoietin: a safety study in rabbits. *Curr Eye Res.* 2008;33:750-60.

2009

123. Shah AR, Del Priore LV. Duration of action of intravitreal ranibizumab and bevacizumab in exudative AMD eyes based on macular volume measurements. *Br J Ophthalmol* 2009;93:1027-32.
124. Shah AR, Del Priore LV. Subfoveal exudative age-related macular degeneration: evidence for preoccult disease. *Curr Opin Ophthalmol.* 2009, 20:182-7.

125. Shah AR, Del Priore LV. Natural history of predominantly classic, minimally classic, and occult subgroups in exudative age-related macular degeneration. *Ophthalmology* 2009;116:1901-7.
126. Donaldson MJ, Bhatnagar P, Dhrami-Gavazi E, Santos RA, Barile GR, Del Priore LV, Iranmanesh R, Schiff WM, Chang S. Pascal dynamic contour tonometry versus goldmann applanation tonometry in gas and air-filled eyes after vitrectomy surgery. *Retina* 2009;29:481-6. Oct 17. [Epub ahead of print] PMID: 18936717
- 127.

2010

128. Murdaugh LS, Wang Z, Del Priore LV, Dillon J, Gaillard ER. Age-related accumulation of 3-nitrotyrosine and nitro-A2E in human Bruch's membrane. *Exp Eye Res.* 2010 Feb 12.
129. Hwang JC, Gelman SK, Fine HF, Chang S, Del Priore LV. Combined arteriovenous sheathotomy and intraoperative intravitreal triamcinolone acetonide for branch retinal vein occlusion. *Br J Ophthalmol.* 2010 94:1483-9. Epub 2010 Sep 9.
130. Fine HF, Iranmanesh R, Del Priore LV, Barile GR, Chang LK, Chang S, Schiff WM. Surgical outcomes after massive subretinal hemorrhage secondary to age-related macular degeneration. *Retina.* 2010;30:1588-94.
131. Haller JA, Bandello F, Belfort R Jr, Blumenkranz MS, Gillies M, Heier J, Loewenstein A, Yoon YH, Jacques ML, Jiao J, Li XY, Whitcup SM; OZURDEX GENEVA Study Group. Randomized, sham-controlled trial of dexamethasone intravitreal implant in patients with macular edema due to retinal vein occlusion. *Ophthalmology.* 2010 Jun;117(6):1134-1146.e3. doi: 10.1016/j.ophtha.2010.03.032. Epub 2010 Apr 24.
132. Hwang JC, Del Priore LV, Freund KB, Chang S, Iranmanesh R. Development of subretinal fibrosis after anti-VEGF treatment in neovascular age-related macular degeneration. *Ophthalmic Surg Lasers Imaging.* 2011; 42:6-11. Epub 2010 Sep 29.

2011

133. Humayun MS, Dorn JD, da Cruz L, Dagnelie G, Sahel JA, Stanga PE, Cideciyan AV, Duncan JL, Elliott D, Filley E, Ho AC, Santos A, Safran AB, Arditi A, Del Priore LV, Greenberg RJ. Interim Results from the International Trial of Second Sight's Visual Prosthesis *Ophthalmology.* 2012;119:779-788. Jan 11. [Epub ahead of print].
134. Haller JA, Bandello F, Belfort R Jr, Blumenkranz MS, Gillies M, Heier J, Loewenstein A, Yoon YH, Jiao J, Li XY, Whitcup SM; Ozurdex GENEVA Study Group, Li J. Dexamethasone intravitreal implant in patients with macular edema related to branch or central retinal vein occlusion twelve-month study results. *Ophthalmology.* 2011 Dec;118(12):2453-60. doi: 10.1016/j.ophtha.2011.05.014. Epub 2011 Jul 20. PMID: 21764136

2012

135. Del Priore LV, Kaplan HJ, Magrath GN, Tezel TH. Cellular Transplantation for Advanced Age-related Macular Degeneration. In: Age-related Macular Degeneration (Jennifer I. Lim, Ed; Chapter 28, pp 334-355, 2012).
136. Cai H, Fields MA, Hoshino R, and Del Priore LV. Effects of aging and anatomic location on gene expression in the human retina. *Front Aging Neurosci* 4:1-20, 2012. PMID: PMC3364488

2013

137. Liu TY, Shah AR, Del Priore LV. Progression of lesion size in untreated eyes with exudative age-related macular degeneration: a meta-analysis using Lineweaver-Burk plots. *JAMA Ophthalmol*. 2013 Mar;131(3):335-40. doi: 10.1001/jamaophthalmol.2013.818. PMID: 23494038
138. Fields MA, Hwang J, Gong J, Cai H, Del Priore LV. The eye as a target organ for stem cell therapy. In: Stem cell biology and regenerative medicine in ophthalmology. Ed: Tsang, SH. Human Press 2013, pp. 1- 29.

2014

139. Tezel TH, Del Priore LV, Henry J. Kaplan HJ. Pharmacologic Vitreolysis with Dispase (Vitreolysin™). In: J. Sebag (ed.), Vitreous: In Health and Disease, DOI 10.1007/978-1-4939-1086-1_55, © Springer Science+Business Media New York 2014, pp 869-879.
140. Schwartz SD, Regillo CD, Lam BL, Elliott D, Rosenfeld PJ, Gregori NZ, Hubschman JP, Davis JL, Heilwell G, Spirn M, Maguire J, Gay R, Bateman J, Ostrick RM, Morris D, Vincent M, Anglade E, Del Priore LV, Lanza R. Human embryonic stem cell-derived retinal pigment epithelium in patients with age-related macular degeneration and Stargardt's macular dystrophy: follow-up of two open-label phase 1/2 studies. *Lancet*. 2015 Feb 7;385(9967):509-16. doi: 10.1016/S0140-6736(14)61376-3. Epub 2014 Oct 15. PMID: 25458728

2015

141. Gong J, Fields MA, Moreira EF, Bowrey HE, Gooz M, Ablonczy Z, Del Priore LV. Differentiation of Human Protein-Induced Pluripotent Stem Cells toward a Retinal Pigment Epithelial Cell Fate. *PLoS One*. 2015 Nov 25;10(11):e0143272. doi: 10.1371/journal.pone.0143272. eCollection 2015. PMID: 26606685.
142. Moreira EF, Cai H, Tezel TH, Fields MA, Del Priore LV. Reengineering Human Bruch's Membrane Increases Rod Outer Segment Phagocytosis by Human Retinal Pigment Epithelium. *Transl Vis Sci Technol*. 2015 Oct 30;4(5):10. eCollection 2015 Oct. PMID: 26557417
143. Fields MA, Bowrey HE, Gong J, Ablonczy Z, Del Priore LV. Retinoid Processing in Induced Pluripotent Stem Cell-Derived Retinal Pigment Epithelium Cultures. *Prog Mol Biol Transl Sci*. 2015;134:477-90. doi: 10.1016/bs.pmbts.2015.06.004. Epub 2015 Jul 9. Review. PMID: 26310172

144. Fields MA, Cai H, Bowrey HE, Moreira EF, Beck Gooz M, Kunchithapautham K, Gong J, Vought E, Del Priore LV. Nitrite Modification of Extracellular Matrix Alters CD46 Expression and VEGF Release in Human Retinal Pigment Epithelium. *Invest Ophthalmol Vis Sci*. 2015 Jul;56(8):4231-8. doi: 10.1167/iovs.15-16438. PMID: 26161984
145. Song WK, Park KM, Kim HJ, Lee JH, Choi J, Chong SY, Shim SH, Del Priore LV, Lanza R. Treatment of macular degeneration using embryonic stem cell-derived retinal pigment epithelium: preliminary results in Asian patients. *Stem Cell Reports*. 2015 May 12;4(5):860-72. doi: 10.1016/j.stemcr.2015.04.005. Epub 2015 Apr 30. PMID: 25937371
146. Ho AC, Humayun MS, Dorn JD, da Cruz L, Dagnelie G, Handa J, Barale PO, Sahel JA, Stanga PE, Hafezi F, Safran AB, Salzmann J, Santos A, Birch D, Spencer R, Cideciyan AV, de Juan E, Duncan JL, Elliott D, Fawzi A, Olmos de Koo LC, Brown GC, Haller JA, Regillo CD, Del Priore LV, Ardit A, Geruschat DR, Greenberg RJ; Argus II Study Group. Long-Term Results from an Epiretinal Prosthesis to Restore Sight to the Blind. *Ophthalmology*. 2015 Aug;122(8):1547-54. doi: 10.1016/j.ophtha.2015.04.032. Epub 2015 Jul 8. PMID: 26162233

2016

147. da Cruz L, Dorn JD, Humayun MS, Dagnelie G, Handa J, Barale PO, Sahel JA, Stanga PE, Hafezi F, Safran AB, Salzmann J, Santos A, Birch D, Spencer R, Cideciyan AV, de Juan E, Duncan JL, Elliott D, Fawzi A, Olmos de Koo LC, Ho AC, Brown G, Haller J, Regillo C, Del Priore LV, Ardit A, Greenberg RJ; Argus II Study Group. Five-Year Safety and Performance Results from the Argus II Retinal Prosthesis System Clinical Trial. *Ophthalmology*. 2016 Oct;123(10):2248-54. doi: 10.1016/j.ophtha.2016.06.049. Epub 2016 Jul 21. PMID: 27453256
148. Fields M, Cai H, Gong J, Del Priore L. Potential of Induced Pluripotent Stem Cells (iPSCs) for Treating Age-Related Macular Degeneration (AMD). *Cells*. 2016 Dec 8;5(4). pii: E44. Review. PMID: 27941641

2017

149. Gopal AD, Rathi VK, Teng CC, Del Priore L, Ross JS. Incremental Revisions across the Life Span of Ophthalmic Devices after Initial Food and Drug Administration Premarket Approval, 1979-2015. *Ophthalmology*. 2017 Aug;124(8):1237-1246. doi: 10.1016/j.ophtha.2017.03.040. Epub 2017 May 10. PMID: 28501378
150. Apostolopoulos N, Del Priore LV. The Future of Vitrectomy: An American Perspective [Vitrektominin Geleceği: Bir Amerikalı Perspektifi] *Türkiye Klinikleri J Ophthalmol-Special Topics* 2017;10(2):209-16
151. Parikh R, Feng P, Adelman R, Del Priore LV, Chaudhry N. Relationship between Claims Data and the Preferences and Trends Survey: An Analysis of Anti-Vascular Endothelial Growth Factor Medication Preference for Age Related Macular Degeneration. *Journal of VitreoRetinal Diseases*, in press 2018.
152. Chuang K, Fields MA, Del Priore LV. Potential of Gene Editing and Induced Pluripotent Stem Cells (iPSCs) in Treatment of Retinal Diseases. *Yale J Biol Med*. 2017 Dec 19;90(4):635-642. eCollection 2017 Dec. Review. PMID: 29259527

153. Fields MA, Bowrey HE, Gong J, Moreira EF, Cai H, Del Priore LV. Extracellular matrix nitration alters growth factor release and activates bioactive complement in human retinal pigment epithelial cells. *PLoS One*. 2017 May 15;12(5):e0177763. doi: 10.1371/journal.pone.0177763. eCollection 2017. PMID: 28505174

2018

154. Koike KJ, Blice JP, Kylstra JA, Ralston JS, Self SE, Ruth NM, Del Priore LV. Frosted Branch Angiitis In Methimazole-Induced Antineutrophil Cytoplasmic Antibody-Positive Vasculitis. *Retina Cases Brief Rep*. 2018 Spring;12(2):136-139. doi: 10.1097/ICB.0000000000000447. PMID: 27749745
155. Roginiel AR, Gopal AD, Parikh R, Ross JS, Del Priore LV, Teng CC. Medical Marijuana Use in Connecticut. *Conn Med*. 2018 Feb;82(2):69-74.
156. Cai H, Gong J, Del Priore LV, Tezel TH, Fields MA. Culturing of Retinal Pigment Epithelial Cells on an *Ex Vivo* Model of Aged Human Bruch's Membrane. *J. Vis. Exp.* (134), e57084, doi:10.3791/57084 (2018).
157. Duncan JL, Pierce EA, Laster AM, Daiger SP, Birch DG, Ash JD, Iannaccone A, Flannery JG, Sahel JA, Zack DJ, Zarbin MA, the Foundation Fighting Blindness Scientific Advisory Board. Inherited Retinal Degenerations: Current Landscape and Knowledge Gaps. *Transl Vis Sci Technol*. 2018 Jul 18;7(4):6. doi: 10.1167/tvst.7.4.6. eCollection 2018 Jul.
158. Shen L, Liu F, Grossetta Nardini H, Del Priore LV. Natural History of Geographic Atrophy in Untreated Eyes with Nonexudative Age-Related Macular Degeneration: A Systematic Review and Meta-analysis. *Ophthalmol Retina*. 2018 Sep;2(9):914-921. doi: 10.1016/j.oret.2018.01.019. Epub 2018 Mar 2. PMID: 31047226.
159. Shen LL, Liu F, Grossetta Nardini HK, Del Priore LV. Fellow Eye Status Is a Biomarker for the Progression Rate of Geographic Atrophy: A Systematic Review and Meta-analysis. *Ophthalmol Retina*. 2019 Apr;3(4):305-315. doi: 10.1016/j.oret.2018.11.013. Epub 2018 Dec 7. PMID: 31014681.

2019

160. Cai H, Gong J, Abriola L, Hoyer D, NYSCF Global Stem Cell Array Team, Noggle S, Paull D, Del Priore LV, Fields MA. High-throughput screening identifies compounds that protect RPE cells from physiological stressors present in AMD. *Exp Eye Res*. 2019 Aug;185:107641. doi: 10.1016/j.exer.2019.04.009. Epub 2019 Apr 11. PMID: 30980814
161. Gong J, Cai H, NYSCF Global Stem Cell Array Team, Noggle S, Paull D, Del Priore LV, Fields MA. Reduced matrix survival and altered metabolic activity in iPSC-derived RPE cells from AMD patients. (Manuscript submitted to *Stem Cells Trans Med*, 2019).
162. Kim JM, Materin MA, Sznol M, Kluger HM, Weiss S, Chow J, Stoessel K, Kombo N, Del Priore L, Pointdujour-Lim R. Ophthalmic Immune-Related Adverse Events of Immunotherapy: A Single-Site Case Series. *Ophthalmology*. 2019

- Jul;126(7):1058-1062. doi: 10.1016/j.ophtha.2019.01.031. Epub 2019 Feb 6. PMID: 30735682
163. Lu AJ, Freedman IG, Shakir O, Adelman RA, Del Priore LV. Panretinal Photocoagulation along the Long Ciliary Nerve in Diabetic Retinopathy. *Ophthalmol Retina*. 2019 Jul 16. pii: S2468-6530(19)30461-0. doi: 10.1016/j.oret.2019.07.002. PMID: 31519540
164. Shen LL, Sun M, Grossetta Nardini HK, Del Priore LV. Natural History of Autosomal Recessive Stargardt Disease in Untreated Eyes: A Systematic Review and Meta-analysis of Study- and Individual-Level Data. *Ophthalmology*. 2019 Sep;126(9):1288-1296. doi:10.1016/j.ophtha.2019.05.015. Epub 2019 May 17. PMID: 31227323
165. Shen LL, Liu F, Grossetta Nardini HG, Del Priore LV. Reclassification of Fundus Autofluorescence Patterns Surrounding Geographic Atrophy Based on Progression Rate: A Systematic Review and Meta-Analysis. *Retina*. 2019 Oct;39(10):1829-1839. doi: 10.1097/IAE.0000000000002480. PMID: 30829988.
166. Fields MA, Del Priore LV, Adelman RA, Rizzolo LJ. Interactions of the choroid, Bruch's membrane, retinal pigment epithelium, and neurosensory retina collaborate to form the outer blood-retinal-barrier. *Prog Retin Eye Res*. 2020 May;76:100803. doi: 10.1016/j.preteyeres.2019.100803. Epub 2019 Nov 5. PMID: 31704339.
167. Stem cell-derived retinal pigment epithelium from patients with age-related macular degeneration exhibit reduced metabolism and matrix interactions. *Stem Cells Transl Med*. 2020 Mar;9(3):364-376. doi: 10.1002/sctm.19-0321. Epub 2019 Dec 16. PMID: 31840941; PMCID: PMC7031648.

2020

168. Gong J, Cai H; NYSCF Global Stem Cell Array Team, Noggle S, Paull D, Rizzolo LJ, Del Priore LV, Fields MA. Stem cell-derived retinal pigment epithelium from patients with age-related macular degeneration exhibit reduced metabolism and matrix interactions. *Stem Cells Transl Med*. 2020 Mar;9(3):364-376. doi:10.1002/sctm.19-0321. Epub 2019 Dec 16. PMID: 31840941; PMCID: PMC7031648.
169. Shen LL, Ahluwalia A, Sun M, Young BK, Grossetta Nardini HK, Del Priore LV. Long-term Natural History of Atrophy in Eyes with Choroideremia-A Systematic Review and Meta-analysis of Individual-Level Data. *Ophthalmol Retina*. 2020 Aug;4(8):840-852. doi: 10.1016/j.oret.2020.03.003. Epub 2020 Mar 14. PMID: 32362554; PMCID: PMC7415675.
170. Shen LL, Sun M, Grossetta Nardini HK, Del Priore LV. Progression of Unifocal versus Multifocal Geographic Atrophy in Age-Related Macular Degeneration: A Systematic Review and Meta-analysis. *Ophthalmol Retina*. 2020 Sep;4(9):899-910. doi: 10.1016/j.oret.2020.03.020. Epub 2020 Apr 4. PMID: 32423772
171. Ahluwalia A, Shen LL, Del Priore LV. Central geographic atrophy vs. neovascular age-related macular degeneration: differences in longitudinal vision-related

- quality of life. Graefes Arch Clin Exp Ophthalmol. 2020 Aug 19. doi: 10.1007/s00417-020-04892-5. Epub ahead of print. PMID: 32813108.
172. Shen LL, Sun M, Khetpal S, Grossetta Nardini HK, Del Priore LV. Topographic Variation of the Growth Rate of Geographic Atrophy in Nonexudative Age-Related Macular Degeneration: A Systematic Review and Meta-analysis. Invest Ophthalmol Vis Sci. 2020 Jan 23;61(1):2. doi: 10.1167/iovs.61.1.2. PMID: 31995152; PMCID:PMC7205189.
173. Chen EM, Armstrong GW, Cox JT, Wu DM, Hoover DR, Del Priore LV, Parikh R. Association of the Affordable Care Act Medicaid Expansion with Dilated Eye Examinations among the United States Population with Diabetes. Ophthalmology. 2020 Jul;127(7):920-928. doi: 10.1016/j.ophtha.2019.09.010. Epub 2019 Sep 17. PMID: 31735405.
174. Shen LL, Sun M, Khetpal S, Grossetta Nardini HK, Del Priore LV. Topographic Variation of the Growth Rate of Geographic Atrophy in Nonexudative Age-Related Macular Degeneration: A Systematic Review and Meta-analysis. Invest Ophthalmol Vis Sci. 2020 Jan 23;61(1):2. doi: 10.1167/iovs.61.1.2. PMID: 31995152; PMCID:PMC7205189.
175. Shen LL, Sun M, Ahluwalia A, Park MM, Young BK, Lad EM, Toth C, Del Priore LV. Natural history of central sparing in geographic atrophy secondary to non-exudative age-related macular degeneration. Br J Ophthalmol. 2020 Dec 23;bjophthalmol-2020-317636. doi: 10.1136/bjophthalmol-2020-317636. Online ahead of print. PMID: 33361441
176. Shen LL, Sun M, Ahluwalia A, Park MM, Young BK, Lad EM, Toth C, Del Priore LV. Natural history of central sparing in geographic atrophy secondary to non-exudative age-related macular degeneration. Br J Ophthalmol. 2020 Dec 23;bjophthalmol-2020-317636. doi: 10.1136/bjophthalmol-2020-317636. Online ahead of print. PMID: 33361441
177. Shen LL, Sun M, Ahluwalia A, Young BK, Park MM, Del Priore LV. Geographic Atrophy Growth Is Strongly Related to Lesion Perimeter: Unifying Effects of Lesion Area, Number, and Circularity on Growth. Ophthalmol Retina. 2020 Dec 9:S2468-6530(20)30482-6. doi: 10.1016/j.oret.2020.12.002. Online ahead of print. PMID: 33307218

2021

178. Shen LL, Ahluwalia A, Sun M, Young BK, Grossetta Nardini HK, Del Priore LV. Long-term natural history of visual acuity in eyes with choroideremia: a systematic review and meta-analysis of data from 1004 individual eyes. Br J Ophthalmol. 2021 May 29;bjophthalmol-2020-316028. doi: 10.1136/bjophthalmol-2020-316028. Epub ahead of print. PMID: 32471821; PMCID: PMC7704705.
179. Young BK, Shen LL, Del Priore LV. An In Silico Model for RPE Loss Patterns in Choroideremia. Invest Ophthalmol Vis Sci. 2021 Nov 1;62(14):10. doi: 10.1167/iovs.62.14.10. PMID: 34779822

180. Ahluwalia A, Shen LL, Chen EM, Sun M, Park MM, Young BK, Del Priore LV. Geographic atrophy severity and mortality in age-related macular degeneration. *Graefes Arch Clin Exp Ophthalmol*. 2021 Sep;259(9):2643-2651. doi: 10.1007/s00417-021-05145-9. Epub 2021 Mar 19. PMID: 33742280
181. Shen LL, Sun M, Ahluwalia A, Park MM, Young BK, Del Priore LV. Local Progression Kinetics of Geographic Atrophy Depends Upon the Border Location. *Invest Ophthalmol Vis Sci*. 2021 Oct 4;62(13):28. doi: 10.1167/iovs.62.13.28. PMID: 34709347 Free PMC article. Clinical Trial.
182. Park MM, Young BK, Shen LL, Adelman RA, Del Priore LV. Topographic Variation of Retinal Vascular Density in Normal Eyes Using Optical Coherence Tomography Angiography. *Transl Vis Sci Technol*. 2021 Oct 4;10(12):15. doi: 10.1167/tvst.10.12.15. PMID: 34647965
183. Shen LL, Sun M, Ahluwalia A, Park MM, Young BK, Del Priore LV. Local Progression Kinetics of Geographic Atrophy Depends Upon the Border Location. *Invest Ophthalmol Vis Sci*. 2021 Oct 4;62(13):28. doi: 10.1167/iovs.62.13.28. PMID: 34709347
184. Shen LL, Sun M, Ahluwalia A, Young BK, Park MM, Toth CA, Lad EM, Del Priore LV. Relationship of Topographic Distribution of Geographic Atrophy to Visual Acuity in Nonexudative Age-Related Macular Degeneration. *Ophthalmol Retina*. 2021 Aug;5(8):761-774. doi: 10.1016/j.oret.2020.11.003. Epub 2020 Nov 17. PMID: 33212271
185. Shen LL, Xie Y, Sun M, Ahluwalia A, Park MM, Young BK, Del Priore LV. Associations of systemic health and medication use with the enlargement rate of geographic atrophy in age-related macular degeneration. *Br J Ophthalmol*. 2021 Sep 6;bjophthalmol-2021-319426. doi: 10.1136/bjophthalmol-2021-319426. Online ahead of print. PMID: 34489337
186. Cai H, Gong J; NYSCF Global Stem Cell Array Team, Noggle S, Paull D, Rizzolo LJ, Del Priore LV, Fields MA. Altered transcriptome and disease-related phenotype emerge only after fibroblasts harvested from patients with age-related macular degeneration are differentiated into retinal pigment epithelium. *Exp Eye Res*. 2021 Jun;207:108576. doi: 10.1016/j.exer.2021.108576. Epub 2021 Apr 22. PMID: 33895162 Free article.
187. Zekavat SM, Raghu VK, Trinder M, Ye Y, Koyama S, Honigberg MC, Yu Z, Pampana A, Urbut S, Haidermota S, O'Regan DP, Zhao H, Ellinor PT, Segrè AV, Elze T, Wiggs JL, Martone J, Adelman RA, Zebardast N, Del Priore L, Wang JC, Natarajan P. Deep Learning of the Retina Enables Phenome- and Genome-Wide Analyses of the Microvasculature. *Circulation*. 2022 Jan 11;145(2):134-150. doi: 10.1161/Circulation.AHA.121.057709. Epub 2021 Nov 8. PMID: 34743558

2022

188. Abdel-Aty A, Gupta A, Del Priore L, Kombo N. Management of noninfectious scleritis. *Ther Adv Ophthalmol*. 2022 Jan 21;14:25158414211070879. doi: 10.1177/25158414211070879. eCollection 2022 Jan-Dec. PMID: 35083421
189. Mir TA, Mehta S, Qiang K, Adelman RA, Del Priore LV, Chow J. Association of the Affordable Care Act with Eye-Related Emergency Department Utilization in the

- United States. *Ophthalmology*. 2022 Jul 2:S0161-6420(22)00498-5. doi: 10.1016/j.ophtha.2022.06.038. Online ahead of print. PMID: 35792199
190. Shen LL, Sun M, Ahluwalia A, Park MM, Young BK, Lad EM, Toth C, Del Priore LV. Natural history of central sparing in geographic atrophy secondary to non-exudative age-related macular degeneration. *Br J Ophthalmol*. 2022 May;106(5):689-695. doi: 10.1136/bjophthalmol-2020-317636. Epub 2020 Dec 23. PMID: 33361441
191. Shen LL, Del Priore LV, Warren JL. A hierarchical Bayesian entry time realignment method to study the long-term natural history of diseases. *Sci Rep*. 2022 Mar 22;12(1):4869. doi: 10.1038/s41598-022-08919-1. PMID: 35318383
192. Zekavat SM, Sekimitsu S, Ye Y, Raghu V, Zhao H, Elze T, Segrè AV, Wiggs JL, Natarajan P, Del Priore L, Zebardast N, Wang JC. Photoreceptor Layer Thinning Is an Early Biomarker for Age-Related Macular Degeneration: Epidemiologic and Genetic Evidence from UK Biobank OCT Data. *Ophthalmology*. 2022 Jun;129(6):694-707. doi: 10.1016/j.ophtha.2022.02.001. Epub 2022 Feb 8. PMID: 35149155 Free PMC article.
193. Young BK, Shen LL, Del Priore LV. Subretinal Drusenoid Deposit Formation: Insights From Turing Patterns. *Transl Vis Sci Technol*. 2022 Mar 2;11(3):5. doi: 10.1167/tvst.11.3.5. PMID: 35254421
194. Shen LL, Del Priore LV, Warren JL. A Hierarchical Bayesian Entry Time Realignment Method To Study The Long-Term Natural History Of Diseases. *Sci Rep*. 2022 Mar 22;12(1):4869. doi: 10.1038/s41598-022-08919-1. PMID: 35318383; PMCID: PMC8941125.
195. Zekavat SM, Raghu VK, Trinder M, Ye Y, Koyama S, Honigberg MC, Yu Z, Pampana A, Urbut S, Haidermota S, O'Regan DP, Zhao H, Ellinor PT, Segrè AV, Elze T, Wiggs JL, Martone J, Adelman RA, Zebardast N, Del Priore L, Wang JC, Natarajan P. Deep Learning of the Retina Enables Phenome- and Genome-Wide Analyses of the Microvasculature. *Circulation*. 2022 Jan 11;145(2):134-150. doi: 10.1161/CIRCULATION.AHA.121.057709. Epub 2021 Nov 8. PMID: 34743558
196. Ahluwalia A, Shen LL, Bao Y, Sun M, Young BK, Park MM, Del Priore LV. The influence of the topographic location of geographic atrophy on vision-related quality of life in nonexudative age-related macular degeneration. *Graefes Arch Clin Exp Ophthalmol*. 2022 Oct 21. doi: 10.1007/s00417-022-05849-6. Online ahead of print. PMID: 36269402

2023

197. Seyedeh Maryam Zekavat SM, Saman Doroodgar Jorshery SD, Yusrah Shweikh Y, Horn K, Rauscher F, Sekimitsu S, Kayoma S, Ye Y, Raghu V, Zhao H, Ghassemi M, Elze T, Segrè AV, Wiggs JL, Scholz M, Del Priore LV, Wang JC, Natarajan P, Zebardast N. Insights into human health from phenome- and genome-wide analyses of UK Biobank retinal optical coherence tomography phenotypes. Submitted to *Science Translational Medicine* 2023
198. Zekavat SM, Sekimitsu S, Doroodgar Jorshery S, Natarajan P, Rossin EJ, Del Priore L, Zebardast N, Wang JC. Reply. *Ophthalmology*. 2023 Apr;130(4):e15-e16. doi: 10.1016/j.ophtha.2022.12.003. Epub 2023 Jan 25. PMID: 36707304
199. Shen LL, Del Priore LV. Re: Patel et al.: A cost-effectiveness analysis of pegcetacoplan for the treatment of geographic atrophy. (*Ophthalmol Retina*. 2024;8:25-31). *Ophthalmol Retina*. 2024 Feb;8(2):e3. doi: 10.1016/j.oret.2023.09.019. Epub 2023

Oct 20. PMID: 37865911

2024

200. Del Priore LV. To Treat or Not to Treat Geographic Atrophy - That is the Question. *Ophthalmol Retina*. 2024 Mar;8(3):207-209. doi: 10.1016/j.oret.2023.12.008. PMID: 38448115.
201. Zekavat SM, Jorshery SD, Rauscher FG, Horn K, Sekimitsu S, Koyama S, Nguyen TT, Costanzo MC, Jang D, Burt NP, Kühnapfel A, Shweikh Y, Ye Y, Raghu V, Zhao H, Ghassemi M, Elze T, Segrè AV, Wiggs JL, Del Priore L, Scholz M, Wang JC, Natarajan P, Zebardast N. Phenome- and genome-wide analyses of retinal optical coherence tomography images identify links between ocular and systemic health. *Sci Transl Med*. 2024 Jan 24;16(731):eadg4517. doi: 10.1126/scitranslmed.adg4517. Epub 2024 Jan 24. PMID: 38266105.
202. Lad EM, Fleckenstein M, Holz F, Del Priore LV, Silva R, Staurengi G, Waheed N, Chakravarthy U. Informing Endpoints for Clinical Trials of Geographic Atrophy. *Annual Reviews in Vision Science*, in Press.
203. Shen LL, Kaiser PK, Liu J, Stewart JM, MD, Schwartz DM, Heyang M, Keenan TD, Sunness JS, Rosenfeld PJ, Chew EY, Del Priore LV. Determinants of Four-Year Visual Acuity Loss in Geographic Atrophy Secondary to Nonexudative Age-related Macular Degeneration – An Analysis of AREDS and AREDS2 Studies. *Ophthalmology*, submitted

Study Group Papers:

204. Ahuja AK, Dorn JD, Caspi A, McMahon MJ, Dagnelie G, Dacruz L, Stanga P, Humayun MS, Greenberg RJ; Argus II Study Group. Blind subjects implanted with the Argus II retinal prosthesis are able to improve performance in a spatial-motor task. *Br J Ophthalmol*. 2011 ;95:539-43.
205. Barry MP, Dagnelie G; Argus II Study Group. Use of the Argus II retinal prosthesis to improve visual guidance of fine hand movements. *Invest Ophthalmol Vis Sci*. 2012 53:5095-101.
206. Dorn JD, Ahuja AK, Caspi A, da Cruz L, Dagnelie G, Sahel JA, Greenberg RJ, McMahon MJ; for the Argus II Study Group. The Detection of Motion by Blind Subjects With the Epiretinal 60-Electrode (Argus II) Retinal Prosthesis. *Arch Ophthalmol*. 2012 8:1-7.
207. Humayun MS, Dorn JD, da Cruz L, Dagnelie G, Sahel JA, Stanga PE, Cideciyan AV, Duncan JL, Elliott D, Filley E, Ho AC, Santos A, Safran AB, Arditi A, Del Priore LV, Greenberg RJ; Argus II Study Group. Interim results from the international trial of Second Sight's visual prosthesis. *Ophthalmology*. 2012 ;119:779-88.
208. Barry MP, Dagnelie G; Argus II Study Group. Use of the Argus II retinal prosthesis to improve visual guidance of fine hand movements. *Invest Ophthalmol Vis Sci*. 2012;53:5095-101.
209. Da Cruz L, Coley BF, Dorn J, Merlini F, Filley E, Christopher P, Chen FK, Wuyyuru V, Sahel J, Stanga P, Humayun M, Greenberg RJ, Dagnelie G; Argus II Study Group. The Argus II epiretinal prosthesis system allows letter and word reading and long-

term function in patients with profound vision loss. *Br J Ophthalmol.* 2013 Feb 20.

BOOKS

1. New Developments in the Treatment of Age-Related Macular Degeneration. Proceedings of the Workshop in Gardonne Riviera, Italy. Eds: Capone A, de Juan E, Del Priore LV, Panozzo G, Zarbin MA. Progei Editori S. R. L., Verona, Italy 1998.

PRESENTATIONS AT NATIONAL MEETINGS

1985

- A1. Del Priore LV, Lewis A, Carley WW, Webb WW. Fluorescence Light Microscopy of the Rod Actin Cytoskeleton. Meeting of the American Academy of Ophthalmology, Atlanta, GA, 1984.
- 1985.
- A2. Del Priore LV, Lewis A. Can Mechanical Coupling Account for Amplification and Adaptation in Visual Transduction? Meeting of the Biophysical Society, Baltimore, MD, 1985.
- A3. Del Priore LV, Lewis A, Carley WW, Webb WW. The Rod Photoreceptor Cytoskeleton: Three-dimensional Organization of Actin Using Fluorescence Microscopy. Meeting of the Biophysical Society, Baltimore, MD, 1985.
- A4. Del Priore LV, Lewis A. Photomechanical Movements and Visual Transduction in Rod Cells. Wilmer Residents Association Meeting, Johns Hopkins Hospital, Baltimore, MD, 1985.
- A5. Lewis A, Del Priore LV, Carley WW, Webb WW. Light Microscopy of the Rod Photoreceptor Cytoskeleton and Visual Transduction. Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, FL, 1985.
- A6. Del Priore LV, Guyton DL. The Use of the Jackson Cross Cylinder as a Refraction Tool: A Reappraisal. Meeting of the American Academy of Ophthalmology, San Francisco, CA, 1985.

1986

- A7. Del Priore LV, Robin AL, Pollack IP. Neodymium-YAG Trabeculoplasty in Open-angle Glaucoma. Wilmer Residents Association Meeting, Johns Hopkins Hospital, Baltimore, MD, 1986.
- A8. Del Priore LV, Robin AL, Pollack IP. Neodymium:YAG Laser Angle Surgery for Open-angle Glaucoma. Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, FL, 1986.
- A9. Del Priore LV, Robin AL, Pollack IP. One Year Follow-up of Neodymium:YAG Laser Angle Surgery for Open-angle Glaucoma. Meeting of the American Academy of Ophthalmology, New Orleans, LA, 1986.
- 1987.
- A10. Del Priore LV, Robin AL, Pollack IP. Long-term follow-up of Neodymium: YAG and Argon Laser Iridotomy. Wilmer Residents Association Meeting, Johns Hopkins Hospital, Baltimore MD, 1987.

A11. Del Priore LV, Robin AL, Pollack IP. Neodymium:YAG versus Argon Laser Iridotomy for Pupillary Block Glaucoma. Meeting of the Association for Research in Vision and Ophthalmology, Sarasota FL, 1987.

A12. Del Priore LV, Robin AL, Pollack IP. Neodymium:YAG versus Argon Laser Iridotomy for Pupillary Block Glaucoma. Meeting of the American Academy of Ophthalmology, Dallas, TX, 1987.

A13. Del Priore LV, Michels RG, Nunez M, et al. Intraocular Pressure Determination after Pars Plana Vitrectomy. Meeting of the American Academy of Ophthalmology, Dallas, TX,

1987

A14. Del Priore LV. The Jackson Cross Cylinder. Meeting of the American Academy of Ophthalmology, Dallas, TX, 1987.

A15. Del Priore LV, Glaser BM, Quigley HA, Green WR. Organ Culture of Retinal Pigment Epithelium (RPE) and Its Response to Photocoagulation. Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, FL, 1987.

1988

A16. Del Priore LV, Glaser BM, Quigley HA, Green WR. Response of the Retinal Pigment Epithelium to Laser Photocoagulation in Vitro. Wilmer Residents Association Meeting, Johns Hopkins Hospital, Baltimore, MD, 1988.

A17. Del Priore LV. How Rod Photoreceptors Work: The Molecular Basis of Human Vision. Meeting of the American Academy of Ophthalmology, Las Vegas, NV, 1988.

1989

A18. Del Priore LV. How Rod Cells Work: The Molecular Basis of Human Vision. Wilmer Residents Association Meeting, Johns Hopkins Hospital, Baltimore, MD, 1989.

1990

A19. Del Priore LV, Michels RG. Localized Pockets of Subretinal Fluid After Retinal Reattachment Surgery. Wilmer Residents Association Meeting, Johns Hopkins Hospital, Baltimore, MD, 1990.

1992

A20. Del Priore LV, Hornbeck R, Smith ME, Williams M. Transplantation of Retinal Pigment Epithelium (RPE) Onto Bruch's Membrane in Organ Culture. Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, FL, 1992.

A21. Kaplan HJ, Valentino TL, Silverman MS, Berger AS, Lin CP, Del Priore LV. Retinal Pigment Epithelial Regeneration in the Non-Human Primate. Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, FL, 1992.

A22. Lubniewski AJ, Del Priore LV, Tong P, Chansue E. Posterior Infectious Crystalline Keratopathy and Endophthalmitis with Staphylococcus Epidermidis. Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, FL, 1992.

A23. Berger AS, Reddy VM, Zamora RL, Valentino TL, Silverman MA, Smith ME, Del Priore LV, Kaplan HJ. Why Does Laser Photocoagulation Fail in the Treatment of Subretinal Neovascularization? Meeting of the Macula Society, Phoenix, AZ, 1992.

A24. Del Priore LV, Kaplan HJ, Berger A. Surgical Excision of Choroidal Neovascular Membranes. Wilmer Residents Association Meeting, Johns Hopkins, Baltimore, MD, 1992.

A25. Del Priore LV. Macular Holes. Missouri Ophthalmological Society, St. Louis, MO, 1992.

A26. Del Priore LV. Surgical Management of Suprachoroidal Hemorrhage Post Glaucoma Filtering Surgery. Washington University School of Medicine Annual Spring Eye Meeting, St. Louis, MO, 1992.

A27. Del Priore LV. Surgical Approach to the Vitreomacular Junction. Fourth Annual Update Course in Ophthalmology, Washington University School of Medicine, St. Louis, MO, 1992.

A28. Del Priore LV, Hornbeck R. Retinal Pigment Epithelial (RPE) Transplantation onto Bruch's Membrane in Organ Culture. Meeting of the International Society for Eye Research, Stresa, Italy, 1992.

A29. Kaplan HJ, Berger AS, Reddy VM, Del Priore LV. Surgical Removal of Subfoveal Neovascularization in POHS and AMD: Indications, Results and Insights. Meeting of The Retina Society, New York, NY, 1992.

1993

A30. Kaplan HJ, Del Priore LV, Smith ME, Pollack JS. Choriocapillaris Atrophy Associated with Exudative Age-related Macular Degeneration. Meeting of the Macula Society. Naples, Florida, February 1993.

A31. Del Priore LV, Kaplan HJ, Silverman MS, Hornbeck R, Mason G. Experimental and Surgical Aspects of RPE Cell Transplantation. Wilmer Residents Association Meeting, Johns Hopkins. Baltimore, MD, April 1993.

A32. Del Priore LV. Ability of Aged and Young Human Bruch's Membrane to Support Repopulation of Healthy RPE. Thirty-Third Annual Washington University Spring Eye Meeting. Washington University School of Medicine, St. Louis, MO, April 1993.

A33. Del Priore LV. Advances in the Surgical Management of Macular Holes. Fifth Annual Update Course in Ophthalmology, Washington University School of Medicine, St. Louis, MO, October 1993.

A34. Berger AS, Kaplan HJ, Del Priore LV, Walker RS, Pollack JS. Surgical Removal of Subfoveal Choroidal Neovascular Membranes in Presumed Ocular Histoplasmosis. Meeting of the Association for Research in Vision and Ophthalmology. Sarasota, Florida. May 1993.

A35. Del Priore LV, Liu Y, Hornbeck R, Silverman MS. Differential Ability of Aged Versus Young Human Bruch's Membrane to Support Repopulation by Healthy RPE. Meeting of the Association for Research in Vision and Ophthalmology. Sarasota, Florida, May 1993.

A36. Hornbeck R, Del Priore LV. Retinal Pigment Epithelium Inhibits Proliferation of Fibroblasts onto Bruch's Membrane In Vitro. Meeting of the Association for Research in Vision and Ophthalmology. Sarasota, Florida, May 1993.

A37. Fang SR, Kaplan HJ, Del Priore LV, Liu Y, Wang X, Hornbeck R, Landgraf M, Mason G, Silverman MS. Development of a Surgical Procedure and Instrument for Transplantation of Extended Gelatin Sheets into the Subretinal Space. Meeting of the Association for Research in Vision and Ophthalmology. Sarasota, Florida, May 1993.

A38. Bynoe LA, Funata M, Del Priore LV, Kaplan HJ, Green WR. Histopathologic Examination of Vascular Patterns in Subfoveal Neovascular Membranes. Meeting of the Association for Research in Vision and Ophthalmology. Sarasota, Florida, May 1993.

A39. Pollack JS, Kaplan HJ, Del Priore LV, Smith ME. Choriocapillaris Atrophy Associated with Exudative Age-Related Macular Degeneration. Meeting of the Association for Research in Vision and Ophthalmology. Sarasota, Florida, May 1993.

A40. Del Priore LV, Kaplan HJ, Silverman MS, Liu Y, Hornbeck R. Pathogenesis of AMD: Theory Based on Organ Culture Studies of Cell Attachment and Proliferation on Bruch's Membrane. Meeting of The Retina Society, San Francisco, California, September 1993.

A41. Pollack JS, Kaplan HJ, Del Priore LV, Smith ME. Choriocapillaris Atrophy following Subfoveal Membrane Excision in Exudative Age-Related Macular Degeneration. Meeting of the American Academy of Ophthalmology, Chicago, Illinois, November 1993.

A42. Berger AS, Kaplan HJ, Del Priore LV, Walker RS, Pollack JS. Surgery for Subfoveal Neovascularization in POHS. Meeting of the Academy of Ophthalmology, Chicago, Illinois, November 1993.

A43. Bynoe LA, Chang T, Del Priore LV, Kaplan HJ, Green WR. Histopathologic Examination of Vascular Patterns in Subfoveal Neovascular Membranes. Meeting of the Academy of Ophthalmology, Chicago, Illinois, November 1993.

A44. Del Priore LV, Kaplan HJ, Silverman MS, Hornbeck R. Experimental and Surgical Aspects of RPE Transplantation. Meeting of the Vitreous Society, Saint Thomas, U.S. Virgin Islands, December 1993.

1994

A45. Del Priore LV. Visual Recovery after Surgery for Subfoveal Neovascularization. Wilmer Residents Association Meeting. Johns Hopkins, Baltimore, MD, April 22-23, 1994.

A46. Del Priore LV, Kaplan HJ, Silverman MS, Hornbeck R, Jones J, Swinn M. Surgical Debridement of the Retinal Pigment Epithelium (RPE) in the Domestic Pig. Meeting of the Association for Research in Vision and Ophthalmology. Sarasota, Florida, May 1994.

A47. Bynoe LA, Del Priore LV, Hornbeck R. Light-Dependent Destruction of Retinal Pigment Epithelium (RPE) by a Naturally Occurring Photosensitizer. Meeting of the Association for Research in Vision and Ophthalmology. Sarasota, Florida, May 1994.

A48. Hornbeck R, Del Priore LV, Chung T. Brief Exposure of Mitomycin Inhibits RPE Proliferation In Vitro. Meeting of the Association for Research in Vision and Ophthalmology. Sarasota, Florida, May 1994.

A49. Adelberg D, Del Priore LV, Kaplan HJ. Surgical Removal of Subfoveal Neovascular Membranes (SFNVM) from Myopia, Angioid Streaks and Miscellaneous Disorders. Meeting of the Association for Research in Vision and Ophthalmology. Sarasota, Florida, May 1994.

A50. Del Priore LV. Factors Limiting Visual Recovery after Submacular Surgery. Meeting of the Vitreous Society. Aspen, Colorado, August 1994.

A51. Del Priore LV. Surgical Excision of Choroidal Neovascularization in Presumed Ocular Histoplasmosis Syndrome. Missouri State Medical Association (Ophthalmological section), March 1995.

A52. Del Priore LV, Hornbeck R, Jones Z, Swinn M, Kaplan HJ. Surgical Removal of the Retinal Pigment Epithelium (RPE) Causes Atrophy of the Choriocapillaris (CC) and Outer Retina. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1995.

1995

A53. Hornbeck R, Del Priore LV, Adelberg DA, Swinn M, Kaplan HJ. Delivery Device for Controlled Injection of Fluid into the Subretinal Space. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1995.

A54. Zamora RL, Del Priore LV, Storch GA, Gelb LD. Multiple Recurrent Branch Retinal Artery Occlusions Secondary to Varicella Zoster. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1995.

A55. Ho TC, Del Priore LV, Tezel TH, Hornbeck R, Kaplan HJ. Viability of Retinal Pigment Epithelial (RPE) Cells Harvested as a Monolayer from Tissue Culture and Freshly Enucleated Eyes. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1995.

A56. Tezel TH, Del Priore LV, Ho TC, Hornbeck R. Density-Dependent Growth Characteristics of Porcine Retinal Pigment Epithelial (RPE) Cells. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1995.

A57. Akduman LA, Desai V, Del Priore LV, Olk RJ, Kaplan HJ. Visual Improvement after Subfoveal Surgery in POHS Depends on Perfusion of Subfoveal Choriocapillaris. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1995.

A58. Pomeranz HD, Hornbeck R, Del Priore LV. Porcine Retinal Pigment Epithelium (RPE) Attachment and Growth on Extracellular Matrix In Vitro. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1995.

A59. Soltau JB, Grosf DH, Del Priore LV, Benenson I, Kaplan HJ. Delayed Recovery of Vision in Age-Related Macular Degeneration (AMD) Associated with RPE Hyperplasia. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1995.

A60. Bynoe LA, Del Priore LV, Hornbeck R. Blue Light-Dependent Destruction of the Retinal Pigment Epithelium (RPE) by Protoporphyrin IX. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1995.

A61. Del Priore LV, Kaplan HJ. Does Choriocapillaris Atrophy Limit Visual Recovery after Subfoveal Surgery? Suncoast Retina Research Forum, Sarasota, FL 1995.

A62. Kaplan HJ, Del Priore LV, Grosf D, Ogilvie J, Silverman M, Valentino A, Gao EK, Silbert J. Photoreceptor Transplantation in Retinitis Pigmentosa. Suncoast Retina Research Forum, Sarasota, FL 1995.

A63. Del Priore LV, Kaplan HJ. Visual Recovery after Excision of Subfoveal Neovascularization. European Congress of Ophthalmology, Milan, Italy, 1995.

A64. Del Priore LV. Visual Recovery after Subfoveal Surgery Depends on Subfoveal Choriocapillaris. Retina Society, Santa Fe, New Mexico 1995.

A65. Tezel T, Del Priore LV, Flowers BE, Grosf D, Benenson IL, Zamora RL, Kaplan HJ. Correlation between Scanning Laser Ophthalmoscope (SLO) Microperimetry and Anatomic Abnormalities in Patients with Subfoveal Neovascularization. American Academy of Ophthalmology meeting, Atlanta, GA 1995.

A66. Akduman LA, Conway M, Burchfield J, Kolker A, Black D, Del Priore LV, Kaplan HJ. Persistent Glaucoma Secondary to Periocular Steroids. Presented at the American Uveitis Society, Atlanta, Georgia 1995.

1996

A67. Kaplan HJ, Tezel TH, Wolf ML, Grosf D, Berger AS, Del Priore LV. Photoreceptor Transplantation in Retinitis Pigmentosa (RP). Meeting of the Macula Society, February 1996.

A68. Del Priore LV, Tezel TH, Kaplan HJ. Reattachment of Transplanted RPE to a Substrate is Necessary to Prevent Programmed Cell Death (Apoptosis). Wilmer Residents Association Meeting, Johns Hopkins, Baltimore, MD, May 3-4, 1996.

- A69. Ho TC, Del Priore LV, Kaplan HJ. En Bloc Transfer of Extracellular Matrix In Vitro. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1996.
- A70. Tezel TH, Del Priore LV, Kaplan HJ. Use of Dispase to Induce a Posterior Vitreous Detachment. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1996.
- A71. Del Priore LV, Tezel TH, Kaplan HJ. Reattachment of Harvested RPE to a Substrate Prevents Apoptosis. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1996.
- A72. Akduman LA, Feiner M, Thandasetti MT, Del Priore LV, Kaplan HJ. Uveitis from MAI is not Caused by Rifabutin and/or Clarithromycin Alone. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1996.
- A73. Hornbeck R, Tezel TH, Del Priore LV, Kaplan HJ. Use of Fibrin Glue for Translocation of Autologous Retinal Pigment Epithelium (RPE). Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1996.
- A74. Tezel TH, Del Priore LV, Kaplan HJ. Use Of Dispase to Induce a Posterior Vitreous Detachment(PVD). Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1996.
- A75. Del Priore LV, Tezel TH, Ho TC, Kaplan HJ, R. J. Olk. RPE Transplantation: *In Vitro* Studies. Second International Symposium on the Retinal Pigment Epithelium, Genoa, Italy, May 1996.
- A76. Atebarra NH, Thomas MA, Melberg NS, Mandell BA, Del Priore LV. Surgical Removal of Large Non-AMD Peripapillary Choroidal Neovascular Membranes. American Academy of Ophthalmology meeting, Chicago, Illinois, October 1996.
- A77. Akduman LA, Del Priore LV, Kaplan HJ. Exudative Retinal Detachment as a Complication of Macular Hole Surgery. American Academy of Ophthalmology meeting, Chicago, Illinois, October 1996.
- A78. Kaplan HJ, Tezel TH, Groszof D, Del Priore LV. Human Photoreceptor Transplantation in the Nonhuman Primate. International Society for Eye Research, Yokohama, Japan, October 1996.
- A79. Del Priore LV, Tezel TH, Ho TC, Kaplan HJ. RPE Transplantation: What Do *In Vitro* Studies Teach Us? International Society for Eye Research, Yokohama, Japan, October 1996

1997

- A80. Berger AS, Tezel TH, Kaplan HJ, Del Priore LV. Long-Term Organ Culture of Adult Human Retinal Pigment Epithelium (RPE) And Choroid. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1997.
- A81. Tezel TH, Del Priore LV, Kaplan HJ. Ability of Different Layers of Human Bruch's Membrane to Support Reattachment of Human Retinal Pigment Epithelium. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1997.
- A82. Jones Z, Tezel TH, Zarbin MA, Del Priore LV. Definitive Identification of Transplanted Porcine Retinal Pigment Epithelium (RPE) with Barr Body Staining. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1997.
- A83. Hornbeck R, Tezel TH, Del Priore LV. Serum-Free Medium For Culturing And Serial Passaging of Primary Adult Human Retinal Pigment Epithelium (RPE). Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1997.

- A84. Kwan-Soon K, Tezel TH, Del Priore LV. Confocal Immunofluorescence Microscopy of Extracellular Matrix Components Of Bruch's Membrane. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1997.
- A85. Del Priore LV, Tezel TH, Hornbeck R, Jones Z, Kaplan HJ. Transplantation Of Retinal Pigment Epithelial Sheets into the Subretinal Space of the Porcine Eye. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1997.
- A86. Valentino TL, Tezel TH, Del Priore LV, Kaplan HJ. Adult Human Retinal Pigment Epithelial Cells Harvested With Basal Lamina Do Not Attach To Extracellular Matrix. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1997.
- A87. Berman AJ, Thomas MA, Del Priore LV, Mandell BA. Late Reopening of Successfully Closed Macular Holes after Cataract Surgery. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1997.
- A88. Akduman LA, Kaplan HJ, Del Priore LV. Incidence and Management of Retinal Detachment after Macular Hole Surgery. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1997.
- A89. Kaplan HJ, Tezel TH, Del Priore LV. Human Photoreceptor Transplantation in the non-Human Primate. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1997.
- A90. Tezel TH, Del Priore LV. An Alternative Hypothesis for the Pathogenesis of Subretinal Neovascularization in Age-related Macular Degeneration. First Annual Vision Research Conference (ARVO Satellite), May 1997 meeting in Ft. Lauderdale, FL.
- A91. Kaplan HJ, Tezel TH, Berger AS, Wolf M, Del Priore LV. Photoreceptor Transplantation in Retinitis Pigmentosa. The Macula Society, Florence, Italy, June 1997.
- A92. Del Priore LV, Kaplan HJ, Tezel TH, Berger AS. Retinal Pigment Epithelial Transplantation in Age-related Macular Degeneration. The Macula Society, Florence, Italy, June 1997.
- A93. Del Priore LV, Kaplan HJ, Tezel TH, Berger AS. Transplantation of Retinal Pigment Epithelium (RPE) for Exudative Age-Related Macular Degeneration (AMD). The Vitreous Society, New Orleans, LA, September 1997.
- A94. Kaplan HJ, Tezel TH, Del Priore LV, Berger AS. Photoreceptor Transplantation For Retinitis Pigmentosa. The Vitreous Society, New Orleans, LA, September 1997.
- A95. Tezel TH, Del Priore LV, Kaplan HJ. Surgery Effects on Absolute Scotoma in Subfoveal Neovascularization: Comparative Morphometric Analysis of SLO Perimetry Data. American Academy of Ophthalmology meeting, San Francisco, CA.

1998

- A96. Seigel TA, Tezel TH, Del Priore LV. Extracellular Matrix (ECM) Molecules Remain Attached to Harvested Primary Adult Human Retinal Pigment Epithelium (RPE). Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1998.
- A97. Del Priore LV, Tezel TH, Hornbeck R, Jones Z, Kaplan HJ. Retinal Pigment Epithelial (RPE) Transplantation onto Bare Areas of Bruch's Membrane Prevents Atrophy of the Choriocapillaris. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1998.
- A98. Jones Z, Tezel TH, Del Priore LV. Morphology of Retinal Pigment Epithelium (RPE) after Reattachment to Different Layers of Human Bruch's Membrane. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1998.

- A99. Kim KS, Tezel TH, Del Priore LV. The Reattachment of Adult Human Retinal Pigment Epithelium (RPE) to Extracellular Matrix (ECM) is Mediated Mainly by the β_1 -subunit of Integrin. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1998.
- A100. Leibole MA, Tezel TH, Hornbeck RS, Del Priore LV. Retinal Pigment Epithelium (RPE) Can Rescue the Vascular Endothelium from Retinoic Acid-Induced Apoptosis *In Vitro*. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1998.
- A101. Hornbeck R, Kim KM, Tezel TH, Del Priore LV. Minimum Number of Cells Required to Establish a Confluent Monolayer of Adult Human Retinal Pigment Epithelium *In Vitro*. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1998.
- A102. Tezel TH, Del Priore LV, Kaplan HJ. Fate of Adult Human Retinal Pigment Epithelium (RPE) Plated onto Different Layers of Human Bruch's Membrane (BM) *In Vitro*. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1998.
- A103. Kuo Y-H, Tezel TH, Del Priore LV. Apoptosis Rate of Human Retinal Pigment Epithelium (RPE) Is Highest in the Macula from Elderly Eyes. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1998.
- A104. Berman AJ, Del Priore LV. Pneumatic Scleral Buckles: Scleral Buckling Surgery without Drainage of Subretinal Fluid and With Intravitreal Air Injection. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1998.
- A105. Del Priore LV, Tezel TH, Kaplan HJ, Berger AS. Transplantation of Retinal Pigment Epithelium for Subfoveal Neovascularization in Exudative Age-Related Macular Degeneration: Results of a Clinical Trial. The Macula Society, Boca Raton, FL, February 1998.
- A106. Del Priore LV, Tezel TH, Kaplan HJ. The Role of Bruch's Membrane in Survival of Transplanted Retinal Pigment Epithelium. Proceedings of the XXVIIIth International Congress of Ophthalmology, Amsterdam, June 1998, p 88.
- A107. Kaplan HJ, Tezel TH, Berger AS, Wolf ML, Del Priore LV. Adult Human Photoreceptor Transplantation in Retinitis Pigmentosa: Clinical Results. Proceedings of the XXVIIIth International Congress of Ophthalmology, Amsterdam, June 1998, p 87.
- A108. Kaplan HJ, Tezel TH, Berger AS, Wolf ML, Del Priore LV. Adult Human Photoreceptor Transplantation in Retinitis Pigmentosa. International Congress of Eye Research, Paris, France, July 1998. *Exp Eye Res (suppl)* 67:S256, 1998.
- A109. Del Priore LV, Tezel TH, Kaplan HJ. Do We Have to Transplant Bruch's Membrane in Age-related Macular Degeneration?. International Congress of Eye Research, Paris, France, July 1998. *Exp Eye Res (suppl)* 67:S256, 1998.
- A110. Kaplan HJ, Del Priore LV, Tezel TH, Berger AS. Retinal Pigment Epithelial Transplantation for Subfoveal Neovascularization in Age-related Macular Degeneration: A Clinical Trial. The Retina Society, Washington, D.C., September 1998.
- A111. Del Priore LV, Tezel TH, Kaplan HJ. The Role of Bruch's Membrane in Survival of Transplanted Retinal Pigment Epithelium. The Retina Society, Washington, D.C., September 1998.
- A112. Berger AS, Tezel TH, Del Priore LV, Wolf ML, Kaplan HJ. Photoreceptor Transplantation in Retinitis Pigmentosa. Meeting of the American Academy of Ophthalmology, New Orleans, LA, November 1998; *Ophthalmology (supplement)* p137.

1999

A113. Del Priore LV, Kaplan HJ, Tezel TH. Pathogenesis of Geographic Atrophy in Age-related Macular Degeneration: What Do Laboratory Studies Tell Us? Meeting of the Macula Society, San Diego, CA, February 1999.

A114. Tezel TH, Del Priore LV, Kaplan HJ. Cell Proximity Enables Human Retinal Pigment Epithelial Cells to Resist Apoptosis. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1999.

A115. Shaifee A, Tezel TH, Hornbeck R, Del Priore LV, Kaplan HJ. Harvest and Culture of Adult Human Choroidal and Choriocapillaris Vascular Endothelium. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 1999.

A116. Del Priore LV. Four-point Fixation of a Posterior Chamber Intraocular Lens without Internal Knots. The Vitreous Society, Rome, Italy, September 1999 (film presentation).

A117. Del Priore LV, Kaplan HJ, Hayashi N, Tezel TH, Green WR. Retinal Pigment Epithelial (RPE) Transplantation after Subfoveal Membranectomy in Age-Related Macular Degeneration (AMD): Clinicopathologic Correlation. The Vitreous Society, Rome, Italy, September 1999.

2000

A118. Del Priore LV, Geng L. Strategies for Promoting RPE Adhesion after Transplantation onto Human Bruch's Membrane. Meeting of the Macula Society, San Juan, PR, February 2000.

A119. Del Priore LV, Geng L, Tezel TH. Resurfacing of Inner Layers of Human Bruch's Membrane Promotes Adhesion of Transplanted Adult Retinal Pigment Epithelium. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2000.

A120. Geng L, Tezel TH, Del Priore LV. Differential Distribution of Integrin Receptors in Primary and Passaged Human Retinal Pigment Epithelium. ARVO 2000 Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2000.

A121. Kaplan HJ, Al-Amro SA, Tezel TH, Hornbeck RC, Del Priore LV, Edge A. Fetal RPE Transplantation in a Porcine Model of RPE Debridement. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2000.

A122. Tezel TH, Del Priore LV, Kaplan HJ. Functional Mapping of Human Choriocapillaris and Retinal Pigment Epithelium In Vivo. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2000.

A123. Hornbeck R, Tezel TH, Del Priore LV, Kaplan HJ. Use of Magnetic Field to Reattach Adult Human Retinal Pigment Epithelium to a Nonadherent Surface. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2000.

A124. Abdelsalam A, Gonzalez C, Del Priore LV, Roy M. Unsuspected Metallic Intraocular Foreign Body Associated with Blurry Visual Acuity and Depressed ERG. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2000.

A125. Del Priore LV, Y-H. Kuo, TH Tezel, HJ Kaplan. The Retinal Pigment Epithelium Undergoes Age-Related Apoptosis In Human Eyes. Meeting of the Retina Society, Coral Gables, Florida December 2000.

A126. Kaplan HJ, Al-Amro SA, Tezel TH, Hornbeck RC, Del Priore LV, Edge ASB. Transplantation of Fetal Pig RPE in a Porcine Model of RPE Debridement. Meeting of the Retina Society, Coral Gables, Florida December 2000.

2001

A127. Del Priore LV, Geng L, Tezel TH, Kaplan HJ. Resurfacing of Bruch's Membrane in Age-related Macular Degeneration: Role of Extracellular Matrix Proteins in RPE Transplant Attachment. Meeting of the Macula Society, Scottsdale, Arizona, February 2001.

A128. Kaplan HJ, Tezel TH, Del Priore LV: Resurfacing of Bruch's Membrane in Age-related Macular Degeneration: Reversal of the Aging Process. Meeting of the Macula Society, Scottsdale, Arizona, February 2001.

A129. Ratnakaram R, Del Priore LV, Zarbin MA. Factors Predicting No Light Perception (NLP) Vision after Penetrating Ocular Trauma. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2001.

A130. Suzuki T, Del Priore LV. Surgical Isolation of Different Layers of Bruch's Membrane *In Vivo*: An Animal Model for RPE (Retinal Pigment Epithelium) Transplantation After Submacular Surgery. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2001.

A131. Chang J, Del Priore LV, M.A. Zarbin. Rapid Transscleral Four-Point Fixation of a Posterior Chamber Intraocular Lens. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2001.

A132. Geng L, Del Priore LV, Tezel TH, Kaplan HJ. Resurfacing of Elastin Layer and Inner Collagen Layer of Human Bruch's Membrane *In Vitro*. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2001.

A133. Del Priore LV, Sheng Y, Suzuki T, Johnson E, Edge A, Tezel TH, Kaplan HJ. Definitive Identification of Transplanted Fetal Pig Retinal Pigment Epithelium in a Rabbit Xenograft Model. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2001.

A134. Tezel TH, Hornbeck RC, Del Priore LV, Kaplan HJ. Human RPE Apoptosis is Decreased and Reattachment Increased by Cleaning and Coating the Inner Collagenous Layer of Aged Human Bruch's Membrane. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2001.

A135. Fegan R, Del Priore LV, Zarbin MA. Does Viscodissection Result in Less Iatrogenic Retinal Breaks during Membrane Peeling of Diabetic Fibrovascular Proliferative Membranes? Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2001.

A136. Del Priore LV, Geng L, Tezel TH, Kaplan HJ. Resurfacing of Bruch's Membrane in AMD: Impact on Behavior of Transplanted RPE. Columbia/Cornell Alumni Meeting April 2001.

A137. Tezel TH, Del Priore LV, Kaplan HJ. Retinal Pigment Epithelium-Choriocapillaris Interaction in an Animal Model of Geographic Atrophy. Fifth Annual Vision Research Conference, Ft. Lauderdale, FL April 2001.

A138. Kaplan HJ, Tezel TH, Berger AS, Del Priore LV. Efficacy Study of Adult Photoreceptor Transplantation in Retinitis Pigmentosa (RP): Two Year Follow-up. American Academy of Ophthalmology, November 2001.

2002

A139. Cai H, Del Priore LV, Geng L. Effect of Vitronectin-Enriched Substrates on RPE Gene Expression: A DNA Microarray Study. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2002.

A140. Geng L, Del Priore LV. Pre-transplant Exposure to Extracellular Matrix (ECM) Ligands Alters Integrin Expression on RPE Surface. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2002.

A141. Ishida O, Sheng Y, Johnson E, Jacoby D, Tezel TH, Kaplan HJ, Del Priore LV. Sequential Fundus Photography and Fluorescein Angiography of Fetal Pig Retinal Pigment Epithelium Xenografts. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2002.

A142. Del Priore LV, Johnson E, Jacoby D, Sheng Y, Ishida O, Tezel TH, Kaplan HJ. Effect of Triple Immune Suppression on Long-Term Survival of Fetal Pig Retinal Pigment Epithelium Xenografts. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2002.

A143. Tezel TH, Del Priore LV, Kaplan HJ. Photomelded Bruch's Membrane Patch Grafts to Treat Bruch's Membrane Defects in Age-Related Macular Degeneration. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2002.

A144. Del Priore LV, Tezel TH, Cai H, Kaplan HJ, Geng L. The Role of Bruch's Membrane in the Development of Age-related Macular Degeneration. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2002.

A145. Huang SJ, Mendoza AC, Yannuzzi LA, Slakter JS, Costa DLL, Borodoker N, Del Priore LV. Photodynamic Therapy For Extrafoveal And Juxtafoveal Choroidal Neovascularization. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2002.

A146. Castellarin AA, Grigorian R, Bhagat N, Del Priore LV, Seery C, Zarbin MA. Vitrectomy and Silicone Oil Infusion in Severe Diabetic Retinopathy. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2002.

A147. Del Priore LV, Grigorian R, Chang J, Zarbin MA. Rapid Four-point Fixation of a Transscleral PC IOL without Capsular Support. Cornell/Columbia Alumni meeting, May 2002.

A148. Del Priore LV. RPE Replacement Strategies in AMD: Advances and Obstacles. Wills Eye Hospital, Thomas Jefferson University, Retinal Update September 2002.

A149. Del Priore LV, Cai H. Enrichment of Substrate with Vitronectin, a Major Component of Drusen, Upregulates Apoptosis and Angiogenesis-related Genes in the RPE. Vitreous and Retina Society combined meeting, September 2002, San Francisco, CA.

A150. Del Priore LV, Grigorian R, Chang J, Zarbin MA. Rapid 4-Point Fixation of Posterior Chamber Intraocular Lenses without Capsular Support. Vitreous and Retina Society combined meeting, September 2002, San Francisco, CA.

A151. McLaughlin B, Del Priore LV, Cai H, Kaplan HJ, Bora N, Fan S, Zheng S. Complement Regulatory Protein (CD46) and Retinal Pigment Epithelial Adhesion. International Society for Eye Research 2002. Exp Eye Res 72, supplement 2, 2002.

A152. Kaplan HJ, Berger AS, Tezel TH, Del Priore LV. Neuroretinal transplantation. Vitreoretinal Symposium Marburg, Frankfurt, Germany 2002.

2003

A153. Del Priore LV. RPE Transplantation in Age-related Macular Degeneration: Current Status and Future Directions. IVth Retinal Summit: Options, Controversies and New Developments in Vitreoretinal Diseases and Surgery. Cole Eye Institute, Cleveland Clinic Foundation, Cleveland, Ohio May 2-3, 2003.

A154. Del Priore LV. Surgical Repair of RPE Defects after Submacular Surgery in AMD Patients. IVth Retinal Summit: Options, Controversies and New Developments in

Vitreoretinal Diseases and Surgery. Cole Eye Institute, Cleveland Clinic Foundation, Cleveland, Ohio May 2-3, 2003.

A155. Del Priore LV. Atrophic Age-related Macular Degeneration: A Role for RPE Loss by Apoptosis in Humans. IVth Retinal Summit: Options, Controversies and New Developments in Vitreoretinal Diseases and Surgery. Cole Eye Institute, Cleveland Clinic Foundation, Cleveland, Ohio May 2-3, 2003.

A156. Del Priore LV. The Retinal Pigment Epithelium and Its Substrate: Implications for Cell Replacement Strategies in AMD. Annual Guest Lecture and Visiting Professor, Division of Cell Biology, Institute of Ophthalmology, University College London, October 2003.

A157. Del Priore LV. Update on the Treatment of AMD: RPE and Retinal Transplantation, Macula Society Symposium, American Academy of Ophthalmology meeting, Anaheim, CA Nov 15-18 2003.

A158. Del Priore LV, Cai H. Changes in Gene Expression of RPE Seeded onto Older Bruch's Membrane: Implications for the Pathogenesis of Geographic Atrophy. The Macula Society. Naples, Florida, February 2003.

A159. Kaplan HJ, Tezel TH, Dong F, Del Priore LV. Role of Abnormal Bruch's membrane in Altering RPE Graft Behavior after Subretinal Transplantation In Vivo. The Macula Society. Naples, Florida, February 2003.

A160. Del Priore LV, Cai H, Fan W, Zheng JJ, McLaughlin B, Kaplan HJ, Tezel TH, Geng L. A new role for complement regulatory protein CD46 in retinal pigment epithelial adhesion to human Bruch's membrane. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2003.

A161. Lalin SC, Chang S, Del Priore LV. Possible familial link for idiopathic macular hole. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2003.

A162. Tezel TH, Ishida O, Kaplan HJ, Del Priore LV. Regeneration of the inner collagenous layer of human Bruch's membrane by cleaning and extracellular matrix protein coating: morphometric evidence. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2003.

A163. Ishida O, Tezel TH, Kaplan HJ, Del Priore LV. Aging increases collagen cross linking and pore size within the inner collagen layer of human Bruch's membrane. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2003.

A164. Geng L, Del Priore LV, Tezel TH, Kaplan HJ. RPE sheet transplantation in porcine eyes: evidence for basement membrane synthesis and long-term cell survival. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2003.

A165. McLaughlin B, Fan W, Zheng J, Cai H, Del Priore LV, Kaplan HJ. A new protein complex identified on the basolateral surface of human retinal pigment epithelium involving a complement regulatory protein (CD46) and integrin. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2003.

A166. Cai H, Geng L, Tezel TH, Del Priore LV. Aging of Bruch's membrane upregulates human retinal pigment epithelium apoptosis genes: implications for age-related macular degeneration. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2003.

A167. Fan W, Zheng J, Kaplan HJ, Del Priore LV, Cai H, McLaughlin BJ. Tissue-specific isoform expression of membrane cofactor protein (MCP;CD46) on human retinal pigment epithelial cells. Meeting of the Association in Vision and Ophthalmology. Fort Lauderdale, Florida, May 2003.

A168. Lalin S, Del Priore LV, Chang S. Idiopathic macular hole: Is there a familial link? Vitreous Society, New York, NY August 2003.

A169. Del Priore LV, Cai H, Tezel TH. Age-related Changes in Bruch's Membrane Lead to RPE Cell Death: Implications for Understanding Geographic Atrophy in AMD. Vitreous Society, New York, NY August 2003.

A170. Tezel TH, Chang SC, Barile G, Schiff W, Del Priore LV. Vitrectomy may reduce the risk of developing age-related macular degeneration (AMD). Vitreous Society, New York, NY August 2003.

A171. Del Priore LV, Cai H, Tezel TH. Age-related Changes within Bruch's Membrane Lead to RPE Cell Death and Geographic Atrophy. Meeting of the Retina Society, Chicago, Illinois, September 2003.

A172. Kaplan HJ, Tezel TH, Dong F, Del Priore LV. Long-Term Survival Of Fetal Human Allogeneic RPE Transplants In Retinal Degeneration. Meeting of the Retina Society, Chicago, Illinois, September 2003.

2004

A173. Del Priore LV, Wender J, Iida T. Morphologic Similarities Between Stage 3 and Stage 4 Macular Holes: Understanding Treatment. The Macula Society, Las Vegas, Nevada February 2004.

A174. Koyama R, Cai H, Del Priore LV. Aging of Bruch's Membrane Decreases Retinal Pigment Epithelium Phagocytosis. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 2004.

A175. Klais CMC, Ober MD, Del Priore LV. Structural Comparison of Wrinkling in Epiretinal Membranes and Choroidal Folds: A Morphometric Analysis. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 2004.

A176. Dillon JP, Gaillard ER, Wang Z, Cai H, Geng L, Del Priore LV. Composition Studies of Human RPE Lipofuscin and Its Comparison to Deposits on Bruch's Membrane. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 2004.

A177. Cai H, Del Priore LV. Bruch's Membrane Aging Alters the RPE Expression Profile of Proliferation, Migration and Apoptosis but not Angiogenesis Genes. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 2004.

A178. Del Priore LV, Cai H, Tezel TH. RPE Expression of Vitronectin and Its Receptor ($\alpha v \beta 5$) Are Downregulated with Aging of Human Bruch's Membrane. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 2004.

A179. Geng L, Cai H, Del Priore LV. Differences in Gene Expression Profile of Cultured Adult Versus Immortalized Human RPE. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 2004.

A180. Wender J, Iida T, Del Priore LV. Anatomical Similarities between Stage 3 and Stage 4 Macular Holes: Implications for Treatment. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 2004.

A181. Del Priore LV, Cai H. Bruch's Membrane Aging Alters the Expression of Proliferation, Migration and Apoptosis Genes and Down Regulates Vitronectin mRNA in Human RPE. Wilmer Resident Association Meeting, May 2004.

A182. Del Priore LV, Cai H. Complement regulatory protein CD46 is involved in RPE adhesion to human Bruch's membrane Cornell-Columbia Alumni meeting, May 2004

A183. Del Priore LV, Cai H Gene Expression of RPE is Affected by Aging of Human Bruch's Membrane: Implications for AMD The American Society of Retina Specialists, San Diego, CA, August 2004

A184. Klais CM, Ober MD, Del Priore LV Differences in the Appearance of Epiretinal Membranes and Choroidal Folds The American Society of Retina Specialists, San Diego, CA, August 2004

A185. Ober MD, Del Priore LV, Freund KB, Klais CM, Yannuzzi LA, Fisher YL Comparison Between Automated Software and Manual Construction of Photo Montage: A Quality and Time-Efficiency Analysis The American Society of Retina Specialists, San Diego, CA, August 2004

A186. Del Priore LV, Koyama R, Cai H Bruch's Membrane Aging Impairs RPE Phagocytosis: Implications for AMD Pathogenesis Retina Society, September 2004, Baltimore, MD

A187. Klais CM, Ober MD, Del Priore LV What can we learn from wrinkling patterns of epiretinal membranes and choroidal folds? A morphometric analysis The Fourth Annual Resident-Fellow Research Day, Columbia University, May 2004

A188. Sarkar JS, Cekic O, Barile GR, Del Priore LV Paccione JC, Schiff WM, Wald KJ, Chang SC, Cohen BZ Intraocular Pressure Response Following Second Intravitreal Triamcinolone Acetonide Injection. American Academy of Ophthalmology meeting, New Orleans, LA October 2004

A189. Del Priore LV, Cai H Gene expression and age-related macular degeneration: evidence that Bruch's membrane aging alters the gene expression profile of human retinal pigment epithelium 17th IGB Meeting, Capri, Italy October 2004

2005

A190. Del Priore LV, Tezel TH, Kaplan HJ Vitreopharmacolysis with Dispace: Purification of the Active Constituent Presented at the 28th Annual Meeting of the Macula Society, Key Biscayne, FL February 2005

A191. Klancnik JM Jr, Yannuzzi LY, Spaide RF, Fernandez CF, Iranmanesh R, Del Priore LV Autofluorescence Imaging of RPE Tears. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 2005.

A192. Tezel TH, Sonmez K, Del Priore LV, Kaplan HJ Tissue Reconstruction in AMD: Breaking the Collagen Crosslinks Increases RPE Reattachment Rate Onto Aged Inner Bruch's Membrane. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 2005

A193. Shin M, Cai H, Del Priore LV Kinesin Family Member Gene Expression Within Human RPE: Evidence That C1 Member Is Upregulated With Human Bruch's Membrane Aging. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 2005

A194. Del Priore LV, Cai H, Shin M, Tezel TH, Kaplan HJ Transplantation of Adult Retinal Pigment Epithelium or Iris Pigment Epithelium in AMD: A Gene Expression Profile Analysis. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 2005

A195. Sun K, Cai H, Del Priore LV Bruch's Membrane Aging Decreases Phagocytosis of Outer Segments by Retinal Pigment Epithelium. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 2005

A196. Cai H, Del Priore LV ATP Binding Cassette (ABC) Gene Expression within Human RPE: Evidence That ABCC5 Is Downregulated by Aging of Human Bruch's Membrane. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 2005

A197. Kaplan HJ, Tezel TH, Del Priore LV. Purification of the Active Constituent of Dispace for Vitreopharmacolysis. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 2005

A198. Del Priore LV, Cai H. Complement Activation May Lead to Cell Death in AMD. Cornell-Columbia Alumni meeting, May 2005.

A199. Tezel TH, Del Priore LV, Kaplan HJ. Enzymatic Induction of Posterior Vitreous Detachment with Dispace: Isolation of the Active Enzyme Meeting of the American Society of Retinal Surgeons, July 2005, Montreal, Canada.

A200. Klancnik JM Jr, Yannuzzi LY, Spaide RF, Fernandez CF, Iranmanesh R, Del Priore LV Autofluorescence Imaging of RPE Tears. Meeting of the American Society of Retinal Surgeons, July 2005, Montreal, Canada.

2006

A201. Del Priore LV, Shah A. Progression of Visual Loss in Untreated Eyes with Subfoveal Exudation in AMD: A Meta Analysis. The Macula Society, Carlsbad, CA February 2006.

A202. Del Priore LV, Shah AR. Progression of Visual Loss in Untreated AMD Eyes With Subfoveal Exudation Depends on Initial Visual Acuity. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2006.

A203. Dillon JP, Wang Z, Paik DC, Del Priore LV, Gaillard ER. Detection of Nitro-Adducts by LC/MS in Aged Human Bruch's Membrane. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2006.

A204. Lin P, Cai H, Tezel TH, Kaplan HJ, Del Priore LV. Critical RPE Retinoid Genes Are Not Expressed in Adult Iris Pigment Epithelium. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2006.

A205. Bodek E, Geng L, Del Priore LV, Kaplan HJ, Tezel TH. Comparison of Human Retinal (RPE) and Iris Pigment Epithelium (IPE) Proteomes. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2006.

A206. Sun K, Cai H, Tezel TH, Paik DC, Gaillard ER, Del Priore LV. Nitration of Extracellular Matrix Decreases Photoreceptor Phagocytosis by Human RPE. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2006.

A207. Geng L, Del Priore LV, Kaplan HJ, Tezel TH. Change in Human Retinal Pigment Epithelium (RPE) Proteome Cultured on Different Matrices. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2006.

A208. Shah AR, Del Priore LV Comparing Efficacy of AMD Treatments Using Lineweaver-Burke Plots: A Meta Analysis. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2006.

A209. Cai H, Tezel TH, Del Priore LV. Aging of Bruch's Membrane Decreases Phosphorylation of Retinal Pigment Epithelium Proteins. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2006.

A210. Hwang JC, Barile GR, Schiff WM, Ober MD, Smith RT, Del Priore LV, Turano MR, Chang S. Optical Coherence Tomography in Asteroid Hyalosis. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2006.

A211. Iranmanesh R, Schiff WM, Del Priore LV. Surgical Management of Patients with Massive Subretinal Hemorrhage Secondary to Age-Related Macular Degeneration. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2006.

A212. Almony A, Thomas MA, Atebara NH, Holekamp NM, Mandell BA, Del Priore LV. Long-Term Follow-Up of Patients With Surgical Removal of Extensive Peripapillary Choroidal Neovascularization Associated With Presumed Ocular Histoplasmosis Syndrome. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2006.

A213. Cooney MJ, Fine H, Sorenson J, Fischer Y, Del Priore LV, Spaide R. Surgical Repair of Spontaneous Scleral Rupture in a Patient With a Retino-Choroidal Coloboma. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2006.

A214. Del Priore LV, Shah AR. Effect of Initial Visual Acuity on Visual Loss in Untreated AMD Eyes with Subfoveal Neovascularization. American Society of Retinal Specialists Annual Meeting, Cannes, France September 2006.

A215. Del Priore LV, Shah AR. Use of Double Reciprocal Analysis to Compare Pharmacological Treatments for Subfoveal Exudative AMD. American Society of Retinal Specialists Annual Meeting, Cannes, France September 2006.

A216. Gong J, Sagiv O, Cai H, Tsang SH, Del Priore LV. Human Embryonic Stem Cell (hESC) transplantation for retinal degenerative diseases Experimental Tools in Model Systems of Translational Vision Research. The Jackson Laboratory, Bar Harbor Club, Bar Harbor, ME Sep 27, 2006 - Sep 30, 2006.

A217. Almony A, Thomas MA, Atebara NH, Holekamp NM, Mandell BA, Del Priore LV. Long-Term Follow Up of Patients with Surgical Removal of Peripapillary Choroidal Neovascularization Associated with Histoplasmosis. American Academy of Ophthalmology meeting, Las Vegas, Nevada November 2006.

A218. Del Priore LV, Shah AR. Natural History of Vision Loss Progression in Eyes with Subfoveal Neovascularization in Age-related Macular Degeneration. Wills Eye Hospital, Philadelphia, October 2006.

2007

A219. Gong J, Sagiv O, Cai H, Tsang SH, Del Priore LV. Targeted Induction of Human Embryonic Stem Cell (hESC) into Retinal Progenitor or RPE Lines. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2007.

A220. Cai H, Gong J, Del Priore LV. Comparison of Gene Expression Profiles from Young and Older Human Retinal Donor Eyes. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2007.

A221. Tang D, Del Priore LV, Kaplan HJ, Tezel TH. Modulation of the Matrix Metalloprotease (MMP) Activity of Dispase: A Role for Calcium. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2007.

A222. Sun K, Cai H, Tezel TH, Kaplan HJ, Del Priore LV. Reengineering Human Bruch's Membrane Increases Rod Outer Segment Phagocytosis by Human Retinal Pigment Epithelium (RPE). Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2007.

A223. Song BJ, Cai H, Chang S, Tsai JC, Forbes M, Del Priore LV. Intravitreal Injection of Recombinant Human Erythropoietin: A Study of Retinal Toxicity Using Electoretinography in Rabbits. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2007.

A224. Del Priore LV, Biscette O, Shah A. Mathematical Modeling of the Effects of Ranibizumab on Visual Acuity on Subfoveal Exudative AMD: Evidence for a Biphasic Response. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL May 2007.

A225. Kaplan HJ, Tezel TH, Del Priore LV. Vitreous Pharmacolysis with Dispace. The Macula Society, London, England June 2007.

A226. Kaplan, HJ, Tezel TH, Del Priore LV. Dispace Induces Posterior Vitreous Detachment by Specific Pharmacolysis of the Posterior Vitreous-ILM Interface. The Retina Society September 2007.

A227. Del Priore LV, Tezel TH, Kaplan HJ. Regeneration of macular anatomy in advanced age-related macular degeneration. Pacific Ocular Regenerative Biology Conference: Restoring Vision in the Aged and Diseased Eye. Laguna Beach, California, September 2007.

2008

A228. Shah AR, Del Priore LV. Combination Therapy of Ranibizumab + PDT Is Not Superior To Ranibizumab Alone: A Meta-Analysis Using Lineweaver-Burke Plots. 34th Annual Eastern-Atlantic Student Research Forum, Miller School of Medicine, University of Miami, Miami, FL March 2008.

A229. Del Priore LV, Kaplan HJ, Tezel TH. Specific Cleavage of the Posterior Vitreous-ILM Interface by Dispace: Modulation of Enzyme Activity by Calcium. The Macula Society, West Palm Beach, FL, March 2008.

A230. Iranmanesh R, Del Priore L, Chang S. Progressive Subretinal Fibrosis Despite Anti-VEGF Therapy in Exudative Age-Related Macular Degeneration. Association for Research in Vision and Ophthalmology, April 2008, Fort Lauderdale, FL.

A231. Gong J, Cai H, Tsang SH, Del Priore LV. Induction of Nrl Expression in Retinal Progenitors Derived from Human Embryonic Stem Cell (hESC). Association for Research in Vision and Ophthalmology, April 2008, Fort Lauderdale, FL.

A232. Del Priore LV. Why do we need Maculoplasty? Tissue Engineering for Restoration of Foveal Function in Age-Related Macular Degeneration. Association for Research in Vision and Ophthalmology, April 2008, Fort Lauderdale, FL.

A233. Cai H, Kaplan HJ, Tezel TH, Del Priore LV. Complement Regulatory Protein CD46/MCP Inhibits Complement Activation and VEGF Release from Human Retinal Pigmental Epithelial Cells (RPE). Association for Research in Vision and Ophthalmology, April 2008, Fort Lauderdale, FL.

A234. Song BJ, Cai H, Gomes N, Chang S, Tsai JC, Forbes M, Del Priore LV. Ocular Safety of Serial Intravitreal Injections of Recombinant Human Erythropoietin: A 7 Month Study in Rabbits. Association for Research in Vision and Ophthalmology, April 2008, Fort Lauderdale, FL.

A235. Kim E, Koreen S, Fine HF, Chang SC, Del Priore LV. Combined Arteriovenous Sheathotomy and Intraoperative Intravitreal Triamcinolone Acetonide for Branch Retinal Vein Occlusion. Association for Research in Vision and Ophthalmology, April 2008, Fort Lauderdale, FL.

A236. Del Priore LV, Shah AR. Combination Therapy of Ranibizumab + PDT is Not Superior to Ranibizumab Alone: A Meta analysis Using Lineweaver-Burke Plots. Association for Research in Vision and Ophthalmology, April 2008, Fort Lauderdale, FL.

A237. Shah AR, Del Priore LV. Duration of Action of Intravitreal Ranibizumab and Bevacizumab in Exudative AMD Eyes Based on Macular Volume Measurements. Association for Research in Vision and Ophthalmology, April 2008, Fort Lauderdale, FL.

2009

A238. Del Priore LV. Pharmacological Vitreolysis for Age-related Macular Degeneration. Macula 2009 meeting, New York City, January 2009.

A239. Fields MA, Vickers L, Cai H, Gong J, Tsang S, and Del Priore LV. Identification of transcription factors involved in murine stem cell differentiation into neural retina and photoreceptor cells. Invest Ophthalmol Vis Sci 50:E-Abstract PN 483, 2009. Association for Research in Vision and Ophthalmology, April 2009, Fort Lauderdale, FL.

A240. Shah AR, Del Priore LV. Progression of Occult, Minimally Classis and Predominantly Classic Choroidal Neovascularization in Exudative Age-related Macular Degeneration: A Meta-Analysis . Association for Research in Vision and Ophthalmology, April 2009, Fort Lauderdale, FL.

A241. Gong J, Cai H, Liu TY, Fields MA, and Del Priore LV. Use of Wnt and Nodal inhibitors to induce embryonic stem cell differentiation into retinal pigment epithelium (RPE). Invest Ophthalmol Vis Sci 50:E-Abstract PN 1270, 2009. Association for Research in Vision and Ophthalmology, April 2009, Fort Lauderdale, FL.

A242. Vickers LA, Fields M, Cai H, Gong J, and Del Priore LV. Over-expression of NRL and NeuroD1 induces human RPE transdifferentiation into photoreceptor precursors. Invest Ophthalmol Vis Sci 50:E-Abstract PN 1286, 2009. Association for Research in Vision and Ophthalmology, April 2009, Fort Lauderdale, FL.

A243. Cai H, Vickers LA, Gong J, Fields M, Cai H, Roh YJ, and Del Priore LV. Identification of transcription factors critical for murine stem cell differentiation into retinal pigment epithelium. Invest Ophthalmol Vis Sci 50:E-Abstract PN 1744, 2009. Association for Research in Vision and Ophthalmology, April 2009, Fort Lauderdale, FL.

A244. Roh YJ, Cai H, Del Priore LV. Quantitative Evaluation of Angiogenic Effect of Antiglaucoma Agents. Association for Research in Vision and Ophthalmology, April 2009, Fort Lauderdale, FL.

A245. Del Priore LV, Cai H. Differential Spatial and Temporal Expression of Wnt Signaling Pathway Genes in Human Retina. Association for Research in Vision and Ophthalmology, April 2009, Fort Lauderdale, FL.

A246. Leung LSB, Voleti VB, Iranmanesh R, Fine HF, Barile GR, Del Priore LV, Chang S, Schiff WM. Comparison of Macular Volume versus Central Macular Thickness Using Spectral Domain OCT After Intravitreal Bevacizumab Injection for Macular Edema Associated With Retinal Vein Occlusion. Association for Research in Vision and Ophthalmology, April 2009, Fort Lauderdale, FL.

A247. Voleti VB, Leung LSB, Iranmanesh R, Del Priore LV, Barile GR, Schiff WM, Chang S, Fine HF. Comparison of Spectral Domain OCT Volumetric Analysis Before and After Intravitreal Bevacizumab Injection for Diabetic Macular Edema. Association for Research in Vision and Ophthalmology, April 2009, Fort Lauderdale, FL.

A248. Vickers LA, Cai H, Gong J, Fields M, Roh YJ, Del Priore LV. Human RPE Express Key Pluripotency Genes and Can Undergo Transdifferentiation in Response to Direct Expression of NeuroD1 and NRL, Oral presentation, International Society for Stem Cell Research annual meeting, Barcelona, Spain, July 2009.

A249. Del Priore LV, Cai H. Complement Protein CD46 Inhibits Complement Activation and VEGF Release from Human Retinal Pigment Epithelium. Retina Congress 2009 (combined meeting of the American Society of retina Specialists, the Macula Society and the Retina Society) New York, New York September 2009.

A250. Kaplan HJ, Del Priore LV, Tezel TH. Vitreopharmacolysis with Vitreolysin. Retina Congress 2009 (combined meeting of the American Society of retina Specialists, the Macula Society and the Retina Society) New York, New York September 2009.

A251. Vickers LA, Qu J, Shah A, Del Priore LV, Chang S. Rebound Retinal Thickening After Intravitreal Bevacizumab for Diabetic Macular Edema. American Academy of Ophthalmology, San Francisco, CA October 2009.

A252. Del Priore LV. Trapianti della Retina, Celluli Staminali, e Chirurgica Maculare (Retinal Transplantation, Stem Cells, and Macular Surgery). Retina Presente e Futuro (Retina Present and Future), Università Federico II Monte Sant'Angelo Aula Carlo Ciliberto Napoli, Naples Italy October 15-16, 2009.

A253. Vickers LA, Fields M, Cai H, Gong J, and Del Priore LV. Over-expression of NRL and NeuroD1 induces human RPE transdifferentiation into photoreceptor precursors. *Invest Ophthalmol Vis Sci* 50:E-Abstract PN 1286, 2009.

A254. Atherton SS, Liu Y, Zheng M, Fields MA, and Cathcart HM. TNF α expressing HSV-1 recombinant promotes apoptosis in inflammatory and retinal parenchymal cells during acute retinal necrosis. *Invest Ophthalmol Vis Sci* 50:E-Abstract PN 4286, 2009.

A255. Del Priore LV, Shen L, Sun M, Liu F, Nardini HG. Natural History of Untreated Atrophic Lesions in AMD and Stargardt Disease: A Meta-analysis. 37th American Society of Retina Specialist (ASRS) Annual Meeting; 2019 July 26-30; Chicago, IL. 2009.

2010

A256. Del Priore LV. Management of Age related Macular Degeneration, Panel discussion on AMD, Macula 2010 meeting, Wilmer Eye Institute, Johns Hopkins Hospital, January 2010.

A257. Del Priore LV. Stem Cells for Retinal Degenerations. Macula 2010 meeting, The Macula Foundation and Manhattan Eye, Ear and Throat Hospital, New York, New York, January 2010.

A258. Del Priore LV. Treatment of Retinal Degenerations with Stem Cells: A Unique Biological Opportunity. GTC Bio, 6th Annual Stem Cell Research & Therapeutics Conference, Section on Regenerative Medicine & Tissue Engineering, May 27- 28, 2010, Boston, MA.

A259. Cai H, Roh Y, Cai C, Del Priore LV. Bruch's Membrane Aging Induces Down Regulation of CD46 in Retinal Pigment Epithelium: Implications for AMD. Association for Research in Vision and Ophthalmology, April 2010, Fort Lauderdale, FL.

A260. Cai C, Fields MA, Del Priore LV. CD46 Transfection Leads to Changes in the Expression of the Critical Transcription Factor MITF in RPE. Association for Research in Vision and Ophthalmology, April 2010, Fort Lauderdale, FL.

A261. Fields MA, Vickers L, Cai H, Gong J, Tsang S, Del Priore LV. Ex Vivo Gene Expression of Retinal Differentiation Transcription Factors Induces a Photoreceptor Phenotype in Mouse Neural and Embryonic Stem Cells. Association for Research in Vision and Ophthalmology, April 2010, Fort Lauderdale, FL.

A262. Gong J, Fields MA, Tosi J, Kong J, Tsang SH, Cai H, Del Priore LV. Subretinal Murine Stem Cell Transplantation in the PDE6 β -Related Mouse Model of Retinitis

Pigmentosa. Association for Research in Vision and Ophthalmology, April 2010, Fort Lauderdale, FL.

A263. Del Priore LV, Ca Hi. CD46 (MCP) Knockdown Alters Genes Involving Cell Localization, Immune System Processing and Biological Adhesion in Human Retinal Pigment Epithelium (RPE). Association for Research in Vision and Ophthalmology, April 2010, Fort Lauderdale, FL.

A264. Greenberg JP, Volleti VB, Schiff WM, Chang S, Smith S, Chang LK, Iranmanesh R, Del Priore LV, Barile G. Incidence of Unilateral Open Angle Glaucoma after Vitrectomy Compared to Scleral Buckling for Primary Rhegmatogenous Retinal Detachment. American Academy of Ophthalmology, Chicago, Illinois October 2010.

A265. Humayun M, Arditi A, Barale PO, Birch D, Cideciyan A, da Cruz L, Dagnelie G, Duncan J, Elliott D, Ho A, de Juan E, Del Priore L, Safran A, Stanga P, Greenberg Interim Performance Results from the Second Sight® Argus™ II Retinal Prosthesis Study, American Society of Retina Specialists, Vancouver, British Columbia August 2010.

A266. Greenberg JP, Volleti VB, Schiff WM, Chang S, Smith S, Chang LK, Iranmanesh R, Del Priore LV, Barile G. Incidence of Unilateral Open Angle Glaucoma Among Patients Who Undergo Vitrectomy Versus Scleral Buckling for Primary Rhegmatogenous Retinal Detachment. American Society of Retina Specialists, Vancouver, British Columbia August 2010.

2011

A267. Del Priore LV, Brue C, Tseng JJ, Slakter JS, Spaide RF, Barile GR, Freund KB. Spectral Domain OCT-based Detection and Treatment of Asymptomatic Subretinal or Intraretinal Fluid in the Second Eye of Patients with Neovascular Age-related Macular Degeneration. Association for Research in Vision and Ophthalmology, April 2011, Fort Lauderdale, FL.

A268. Cai C, Del Priore LV. Bruch's Membrane Aging Reduces Autophagic Activity in Retinal Pigment Epithelium: Implications for Age-related Macular Degeneration. Association for Research in Vision and Ophthalmology, April 2011, Fort Lauderdale, FL.

A269. Gong J, Fields MA, Cai H, Tsang SH, Del Priore LV. Extracellular Matrix Promotes Embryonic Stem Cell Differentiation Towards a Retinal Progenitor Fate. Association for Research in Vision and Ophthalmology, April 2011, Fort Lauderdale, FL.

A270. Del Priore LV. Cellular Therapy for the Dysfunctional RPE and Retina: Delivery Methods. Association for Research in Vision and Ophthalmology, April 2011, Fort Lauderdale, FL.

A271. Uram DT, Blonska AM, Chang S, Schiff WM, Smith RT, Iranmanesh R, Del Priore LV. OCT-guided Detection Of Risk Factors For Macular Hemorrhage During Anti-VEGF Therapy For Neovascular Age Related Macular Degeneration. Association for Research in Vision and Ophthalmology, April 2011, Fort Lauderdale, FL.

A272. Cai H, Fields MA, Del Priore LV. CD46-Mediated Infection of Human Retinal Pigment Epithelium (RPE) with Human Adenovirus Serotype-3 (HAdV3) Induces RPE Death. Association for Research in Vision and Ophthalmology, April 2011, Fort Lauderdale, FL.

A273. Liu TYA, Del Priore LV. Regular Optical Coherence Tomography Screening of Second Eyes Of Patients With Unilateral Exudative Age-related Macular Degeneration: An Incremental Cost-utility Analysis. Association for Research in Vision and Ophthalmology, April 2011, Fort Lauderdale, FL.

A274. Fields MA, Vickers L, Cai H, Gong J, Tsang SH, Del Priore LV. Expression of Transcription Factors Involved in Murine Stem Cell Differentiation Induce Photoreceptor

Phenotypes in Mouse Embryonic Stem Cells. Association for Research in Vision and Ophthalmology, April 2011, Fort Lauderdale, FL.

A275. Del Priore LV. Asymptomatic Fluid in the Second Eye of Patients with Neovascular Age-related Macular Degeneration: Detection by OCT and Treatment with Anti-VEGF Therapy. Retina Society meeting, combined with Societa Italiana della Retina, September 2011, Rome Italy.

2012

A276. Del Priore LV. Cell Therapy for Retinal Degenerations. Macula 2012 meeting, New York University and Manhattan Eye, Ear and Throat Hospital, New York, New York, January 2012.

A277. Del Priore LV. [Prótesis retinianas: Implantes epirretinianos. Argus 2. XVI Congreso Sociedad Espanola de Retina y Vitreo, Valencia, Espana Marzo 2012]. The Artificial Retinal implant. Invited speaker, Spanish Vitreoretinal Society, Valencia, Spain, March 2012.

A278. Del Priore LV. [Transplante de células madre en las degeneraciones retinianas. XVI Congreso Sociedad Espanola de Retina y Vitreo, Valencia, Espana Marzo 2012]. Stem Cell Therapy for Retinal Disease. Invited speaker, Spanish Vitreoretinal Society, Valencia, Spain, March 2012.

A279. Del Priore LV. Advances in the Treatment of Dry Age-related Macular Degeneration. Kiawah Eye 2012, Kiawah, South Carolina June 2, 2012.

A280. Del Priore LV, Cai H, Fields MA. Human Adenovirus Infection Induces RPE Death: Implications for the Pathogenesis of Atrophy. 30th Annual meeting, American Society of Retinal Specialists, Las Vegas, NV, August 2012.

A281. Del Priore LV, Cai H, Cai C. Bruch's Membrane Aging Reduces Removal of Damaged Cellular Components in RPE: Implications for Age-related Macular Degeneration. 30th Annual meeting, American Society of Retinal Specialists, Las Vegas, NV, August 2012.

A282. Del Priore LV. Emerging Treatments for Geographic Atrophy Special Interest Group, 30th Annual meeting, American Society of Retinal Specialists, Las Vegas, NV, August 2012.

A283. Del Priore LV. Dry AMD: The Next Frontier in Pharmacotherapy. New Jersey Academy of Ophthalmology, Ophthalmology Update 2012, East Windsor, New Jersey, September 28, 2012.

A284. Del Priore LV. How to Suture a Secondary IOL: Lessons for the Anterior Segment Surgeon from a Retinal Perspective. New Jersey Academy of Ophthalmology, Ophthalmology Update 2012, East Windsor, New Jersey, September 28, 2012.

A285. Del Priore LV. Wide Field Imaging and Angiography: The Next Frontier. New Jersey Academy of Ophthalmology, Ophthalmology Update 2012, East Windsor, New Jersey, September 28, 2012.

A286. Del Priore LV, Cai H, Fields MA. Infection of Human RPE with Adenovirus Causes Cell Death: A Model for Geographic Atrophy? Meeting of the Retina Society, October 2012, Washington, DC.

2013

A287. Gong J, Fields MA, and Del Priore. Differentiation of human protein induced pluripotent stem cells (piPS) toward a retinal pigment epithelium (RPE) Fate. Invest Ophthalmol Vis Sci 54:E-Abstract PN 4053, 2013. Association for Research in Vision and Ophthalmology, May 2013, Seattle, WA.

2014

A288. Gong J, Fields MA, Moreira E, Bowrey H, Kautolos Y, Ablonczy Z, and Del Priore. Functional analysis of human induced pluripotent stem cell-derived retinal pigment epithelium. Invest Ophthalmol Vis Sci 54:E-Abstract PN 4053, 2014. Association for Research in Vision and Ophthalmology, May 2014, Orlando, FL.

A289. Bowrey HE, Jones EE, Crouch RK, Fields MA, Del Priore LV, and Ablonczy Z. (2014). Identification of Bruch's membrane composition by imaging mass spectrometry. The Association for Mass Spectrometry: Applications to the Clinical Laboratory, Salzburg, Austria, 2014.

2015

A290. Del Priore LV, Gong J, Moreira EF, Bowrey H, Ablonczy Z, Fields MA. Generation of Human Stem Cells from AMD Patients. Macula Society, Scottsdale, AZ, February 2015.

A291. Del Priore LV, Kylstra J, Koike K. Frosted Branch Angiitis. Macula Society, Scottsdale, AZ, February 2015.

A292. Del Priore LV, Gong J, Moreira EF, Bowrey H, Ablonczy Z, Fields MA. Generation of human stem cells from AMD patients. 38th Annual Macula Society, February 2015.

A293. Fields M, Cai H, Bowrey H, Moreira E, Kunchithapautham K, Gong J, Del Priore LV. Bruch's membrane aging reduces CD46 expression and enhances VEGF secretion in RPE: Implications for age-related macular degeneration. Invest Ophthalmol Vis Sci 56:E-Abstract PN 2400, 2015.

A294. Moreira E, Cai H, Tezel TH, Fields MA, and Del Prior LV. Reengineering human Bruch's membrane increases rod outer segment phagocytosis by human retinal pigment epithelium. Invest Ophthalmol Vis Sci 56:E-Abstract PN 2343, 2015.

A295. Gong J, Fields MA, Moreira E, Bowrey H, Kautolos Y, Ablonczy Z, and Del Priore LV. Mitochondrial metabolism and structural analysis of induced pluripotent stem cell (iPSC) derived RPE from age-related macular degeneration (AMD) patients. Invest Ophthalmol Vis Sci 56:E-Abstract PN 3580, 2015.

A296. Del Priore LV, Gong J, Moreira EF, Bowrey H, Ablonczy Z, and Fields MA. Characterization of human stem cells generated from AMD patients. Invest Ophthalmol Vis Sci 56:E-Abstract PN 3173, 2015.

A297. Bowrey HE, Jones EE, Fields M, Crouch RK, Del Priore LV, and Ablonczy Z. Multimodal molecular imaging of Bruch's membrane can predict age and macular degeneration. Invest Ophthalmol Vis Sci 56:E-Abstract PN 3992, 2015.

A298. Del Priore LV, Gong J, Moreira EF, Bowrey H, Ablonczy Z, Fields MA. Generation of Human Stem Cells from Patients with Advanced AMD. MaculaRT meeting, Paris, France, June 2015.

A299. Del Priore LV, Gong J, Moreira EF, Bowrey H, Ablonczy Z, Fields MA. Bruch's Membrane Aging Increases VEGF Release from RPE: Implications for AMD. American Society of Retinal Specialists, Vienna, Austria, August 2015.

A300. Del Priore LV, Gong J, Moreira EF, Bowrey H, Ablonczy Z, Fields MA. Generation of Human Stem Cells from Patients with Advanced AMD. American Society of Retinal Specialists, Vienna, Austria August 2015.

A301. Del Priore LV. Survival of Transplanted RPE in a Hostile Environment: Is the Basement Membrane the Difference? American Academy of Ophthalmology Subspecialty Day, November 2015, Las Vegas, Nevada, November 2015.

2016

A302. Del Priore LV. Subretinal Implants: Improving Survival, Macula 2016 meeting, New York, New York, January 2016.

A303. Del Priore LV. Transforming Skin Cells into RPE for Transplantation. Current Concepts in Ophthalmology, State University of New York, Downstate Medical Center, Atlantic City, New Jersey, January 2016.

A304. Del Priore LV. Why Cataract Surgery Patients are Unhappy Even With a Normal OCT. Current Concepts in Ophthalmology, State University of New York, Downstate Medical Center, Atlantic City, New Jersey, January 2016.

A305. Del Priore LV. Anti-VEGF Treatment Paradigm. Current Concepts in Ophthalmology, State University of New York, Downstate Medical Center, Atlantic City, New Jersey, January 2016.

A306. Del Priore LV. Stem Cell Based Therapy for Retinal Diseases in Humans. 8th Ocular Diseases Drug Discovery Conference, GTB Bio, San Diego, CA, March 2016.

A307. Zeng Q, Del Priore A, Hondur AM, Del Priore LV, Tezel TH. Survivability and Surface Coverage of Human Retinal Pigment Epithelium on Aged Human Bruch's Membrane Can Be Restored using Patch Grafts of Young Bruch's Membrane. Association for Research in Vision and Ophthalmology, Seattle, WA, May 2016.

A308. Moreira EF, Gong J, Rosendahl SMG, Barrett A, Fields MA, Ablonczy Z, Rohrer B, Del Priore LV. Altered Transepithelial Resistance of Induced Pluripotent Stem Cell (iPSC)-derived Retinal Pigment Epithelium Obtained from Age-related Macular Degeneration (AMD) Patients. Association for Research in Vision and Ophthalmology, Seattle, WA, May 2016.

A309. Del Priore LV. Stem Cell Therapy for Retinal Degenerative Diseases: What Have We Learned? PCS Global Cell Science and Stem Cell Conference: A Pathway from Basic Sciences to Industrialization, Barcelona, Spain, June 2016.

A310. Del Priore LV. Treatments in use and future. In: Dry AMD: A New Challenge. European School for Advanced Studies in Ophthalmology (ESASO), Estoril, Portugal June 2016

A311. Del Priore LV. Treatment of the Atrophic Macula. European School for Advanced Studies in Ophthalmology (ESASO), Estoril, Portugal June 2016

A312. Del Priore LV. Atrophic Macula: selection for treatment, choice of a treatment, problems for a successful treatment, next future treatments. European School for Advanced Studies in Ophthalmology (ESASO), Estoril, Portugal June 2016.

A313. Del Priore LV. Advances in the Management of Diabetic Retinopathy, 22nd Annual Diabetes Fall Symposium for Health Care Professionals, MUSC Diabetes Center, Diabetes Initiative of South Carolina, September 2016.

A314. Del Priore LV. Stem Cell Therapy for Retinal Degenerative Diseases: What Do We Really Know? 2nd Biennial International Symposium on Ocular Regeneration, Schepens Eye Research Institute, Harvard University School of Medicine, October 2016.

A315. Del Priore LV. Advances in Stem Cell Therapy for Ocular Disease. Manhattan Eye Ear and Throat Hospital, North well Health System, November 2016.

A316. Del Priore LV. Stem Cell Therapy for Retinal Disorders. 10th APVRS Congress, Bangkok, Thailand, December 2016.

A317. Del Priore LV. OCT-based Detection and Treatment of Asymptomatic Subretinal Fluid in the Second Eye of Patients with Neovascular AMD. 10th APVRS Congress, Bangkok, Thailand, December 2016.

2017

A318. Del Priore LV. Current Status and Future Challenges in Regenerating the Outer Retinal interface: Stem Cells Today and Tomorrow. New York Academy of Medicine, February 2017.

A319. Gopal AD, Rathi VK, Teng CC, Del Priore LV, Ross JS. Incremental Revisions Across the Lifespan of High-Risk Ophthalmic Devices Following Initial FDA Premarket Approval, 1979-2015. Association for Research in Vision and Ophthalmology (ARVO), Baltimore, MD, May 2017.

A320. Fields MA, Bowrey HE, Gong J, Moreira EF, Del Priore LV. Extracellular Matrix Nitration Alters Growth Factor Release and Activates Bioactive Complement in Human Retinal Pigment Epithelium. Association for Research in Vision and Ophthalmology (ARVO), Baltimore, MD, May 2017.

A321. Cai H, Fields MA, Gong J, Del Priore LV. CFH and CD46 Knockdown Alters Genes Involving Cell Apoptosis, Adhesion, Immune System Processing and Melanin Synthesis in Human Retinal Pigment Epithelium (RPE): a comparative study. Association for Research in Vision and Ophthalmology (ARVO), Baltimore, MD, May 2017.

A322. Parikh R, Gopal AD, Teng CC, Del Priore LV, Ross JS. A Comparison of Regulatory Approval Time for Ophthalmic Devices in the United States and Japan. Association for Research in Vision and Ophthalmology (ARVO), Baltimore, MD, May 2017.

A323. Shen L, Del Priore LV. Natural History of Geographic Atrophy (GA) in Untreated Eyes with Nonexudative AMD: A Meta-Analysis. 50th Annual Retina Society Meeting, Boston, MA, October 2017.

A324. Del Priore LV. Stem Cell Therapy for Retinal Disorders. European Vitreo Retinal Society (EVRs), Florence, Italy, September 2017.

A325. Del Priore LV, Gong J, Moreira EF, Cai H, Fields MA. Generation of Human RPE from Skin Biopsies of AMD Patients. European Vitreo Retinal Society (EVRs), Florence, Italy, September 2017.

A326. Shen L, Liu F, Grossetta Nardini H, Del Priore LV. "Natural History of Geographic Atrophy in Untreated Eyes with Non-Exudative Age-Related Macular Degeneration: A Meta-Analysis". Poster session presented at: 50th Annual Retina Society Scientific Meeting; 2017 October 5-8; Boston, MA.

A327. Del Priore LV. Stem Cells, Gene Therapy & Retinal Prosthesis. European VitreoRetinal Society (EVRs Moderator), Florence, Italy, September 2017.

A328. Roginiel AC, Gopal AD, Parikh R, Ross J, Del Priore LV, Teng CC. The Prevalence of Medical Marijuana Use for Glaucoma in the U.S. The American Academy of Ophthalmology Annual Meeting, New Orleans, LA, Nov 2017.

2018

A329. Roginiel AC, Gopal AD, Shue A, Warren J, Ross JS, Del Priore LV, Teng CC.

A330. Trends in the Use of Medical Marijuana for Glaucoma from 2012 through 2016. American Glaucoma Society, 2018.

A331. Cai H, Fields MA, Gong J, Cai C, Del Priore LV. Aged Basement Membrane Reduces Autophagic Activity in Retinal Pigment Epithelial cells, Possibly Through MAPK/ERK

Signal Transduction Pathway: Implications for Age-related Macular Degeneration. Association for Research in Vision and Ophthalmology (ARVO), Honolulu, HI, April 2018.

A332. Gong J, Hui Cai H, Fields MA, Lucian Del Priore LV. Comparison of phagocytosis effect in induced pluripotent Stem Cell (iPSC)-derived retinal pigment epithelial (RPE) cells from age-related macular degeneration (AMD) patients. Association for Research in Vision and Ophthalmology (ARVO), Honolulu, HI, April 2018.

A333. Del Priore LV. iPSC generation, gene editing and treatment of retinal degenerations. 2nd Annual Genome Editing Conference. Oxford Global, Boston, MA, May 2018

A334. Cai H, Fields MA, Gong J, Cai C, Del Priore LV. Aged Basement Membrane Reduces Autophagic Activity in Retinal Pigment Epithelium Through MAPK/ERK Signal Transduction Pathway: Implications for Age-related Macular Degeneration. Association for research in Vision and Ophthalmology, May 2018, Honolulu, Hawaii.

A335. Gong J, Cai H, Fields MA, Del Priore LV. Comparison of phagocytic activity in induced pluripotent Stem Cell (iPSC)-derived retinal pigment epithelial (RPE) cells from age-related macular degeneration (AMD) patients. Association for research in Vision and Ophthalmology, May 2018, Honolulu, Hawaii.

A336. Schwartz SD, Regillo C, Lam BL, Elliott D, Gregori N, Hubschman JP, Heilweil G, Spirn M, Maguire J, Ostrick R, Del Priore LV, Anglade E, Lanza R. Human Embryonic Stem Cell-Derived Retinal Pigment Epithelial Transplantation for Retinal Degenerations: Three-Year Outcomes Data. Association for research in Vision and Ophthalmology, May 2018, Honolulu, Hawaii.

A337. Shen LL, Liu F, Nardini HG, Del Priore LV. Impact of Fundus Autofluorescence Pattern on Geographic Atrophy Progression in Untreated Eyes: A Meta-analysis. Association for Research in Vision and Ophthalmology, May 2018, Honolulu, Hawaii.

A338. Del Priore LV, Cai H, Gong J, Abriola L, Fields MA. Synthetic compound MAF20170220-4 Protects Human Retinal Pigment Epithelial Cells from Oxidative Stress-induced Cell Death. Association for research in Vision and Ophthalmology, May 2018, Honolulu, Hawaii.

A339. Del Priore LV. Moderator, ARVO 2018 Annual Meeting. Session Title: Age-related Macular Degeneration. April 29, 2018 from 3:15 PM to 5:00 PM. Association for research in Vision and Ophthalmology, May 2018, Honolulu, Hawaii.

A340. Del Priore LV. Regenerative Medicine in the Management of Vitreoretinal Disorders. University of Massachusetts Medical School Worcester, MA May 2018.

A341. Del Priore LV. Dry Age-related Macular Degeneration: A Clinical Introduction. Astellas Institute for Regenerative Medicine, Honolulu, Hawaii, April 2018.

A342. Del Priore LV. Treatment Approaches for Dry Age-related Macular Degeneration. Astellas Institute for Regenerative Medicine, Honolulu, Hawaii, April 2018.

A343. Del Priore LV. Bruch's membrane Aging and RPE Health. Astellas Institute for Regenerative Medicine, Honolulu, Hawaii, April 2018.

A344. Del Priore LV. Research and Clinical training at Yale. Connecticut Society of Eye physicians, June 2018.

A345. Del Priore LV. Dry Age-related Macular Degeneration efficacy of treatment: none, support or really treatment? European School for Advanced Studies in Ophthalmology, Lugano, Switzerland April 2018.

A346. Del Priore LV. Real World Outcomes of Anti-VEGF (Vascular Endothelial Growth Factor) Therapy for neovascular Age-related Macular Degeneration. European School for Advanced Studies in Ophthalmology, Lugano, Switzerland April 2018.

A347. Del Priore LV. Cases study of management and monitoring of neovascular Age-related Macular Degeneration. European School for Advanced Studies in Ophthalmology, Lugano, Switzerland April 2018.

A348. Del Priore LV. Cases study of management and monitoring of Retinal Angiomatous Proliferation. European School for Advanced Studies in Ophthalmology, Lugano, Switzerland April 2018.

A349. Del Priore LV. Cases study of management and monitoring of other Choroidal neovascularization. European School for Advanced Studies in Ophthalmology, Lugano, Switzerland April 2018.

A350. Del Priore LV. Combining Cataract Surgery with Pars Plana Vitrectomy for Macular Disease. New England Ophthalmological Society, Boston Massachusetts March 2018.

A351. Shen L, Liu F, Grossetta Nardini H, Del Priore LV. "Impact of Topographic Location on Geographic Atrophy Progression - A Systematic Review and Meta-analysis". Poster session presented at: 36th American Society of Retina Specialist (ASRS) Annual Meeting; 2018 July 20-25; Vancouver, BC, Canada.

A352. Shen L, Liu F, Grossetta Nardini H, Del Priore LV. Fellow Eye Status Affects the Progression Rate of Geographic Atrophy: A Systematic Review and Meta-analysis. American Academy of Ophthalmology (AAO) Annual Meeting; 2018 October 27-30; Chicago, IL.

A353. Shen L, Liu F, Nardini HG, Del Priore LV. Impact of Fundus Autofluorescence Pattern on Geographic Atrophy Progression in Untreated Eyes: A Meta-analysis. Poster session presented at: The Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting; 2018 April 29- May 3; Honolulu, Hawaii.

A354. Shen L, Liu F, Nardini HG, Del Priore LV. Impact of Topographic Location on Geographic Atrophy Progression - A Systematic Review and Meta-analysis. Poster session presented at: 36th American Society of Retina Specialist (ASRS) Annual Meeting; 2018 July 20-25; Vancouver, BC, Canada.

A355. Cai H, Gong J, Cai C, Del Priore LV, Fields MA. Altered Focal-adhesion Pathway Gene Expression Pattern in iPSC-derived RPE Cells derived from AMD Patients. Association for Research in Vision and Ophthalmology (ARVO), Vancouver, Canada, May

A356. Cai H, Fields MA, Gong J, Del Priore LV. CFH and CD46 Knockdown Alters Genes Involving Cell Apoptosis, Adhesion, Immune System Processing and Melanin Synthesis in Human Retinal Pigment Epithelium (RPE): a comparative study. Association for Research in Vision and Ophthalmology (ARVO), Baltimore, MD., May 2017.

2019

A357. Shen L, Sun M, Nardini HG, Del Priore LV. Natural History of Atrophic Lesion in Untreated Eyes with Stargardt Disease 1: An Analysis of Study- and Individual-level Data. The Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting; 2019 April 28- May 2; Vancouver, BC, Canada.

A358. Khetsal S, Shen L, Liu F, Nardini HG, Del Priore LV. The Progression Rate of Geographic Atrophy Varies across Topographic Locations - A Meta-analysis. The Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting; 2019 April 28- May 2; Vancouver, BC, Canada.

A359. Shen L, Liu F, Nardini HG, Del Priore LV. Fellow Eye Status is a Biomarker for the Progression Rate of Geographic Atrophy: A Meta-analysis. 37th American Society of Retina Specialist (ASRS) Annual Meeting; 2019 July 26-30; Chicago, IL.

A360. Khetpal S, Shen L, Sun M, Del Priore LV. Natural History of Enlargement for Choroidal Melanoma: A meta-analysis. 37th American Society of Retina Specialist (ASRS) Annual Meeting; 2019 July 26-30; Chicago, IL.

A361. Gong J, Hui Cai H, Fields MA, Lucian Del Priore LV. Decreased ATP production and mitochondrial respiration activity in induced pluripotent stem cell (iPSC)-derived Retinal Pigment Epithelial (RPE) cells from Age-Related Macular degeneration (AMD) patients. Association for Research in Vision and Ophthalmology (ARVO), Vancouver, Canada, May 2019

A362. Fields MA, Cai H, Gong J, Abriola L, Hoyer D, Paull D, Noggle S, NYSCF Global Stem Cell Array Team, Del Priore LV, Fields MA. High-throughput Screening Identifies Compounds that Protect RPE Cells from Physiological Stressors Present in AMD. Association for Research in Vision and Ophthalmology (ARVO), Vancouver, Canada, May 2019.

A363. Del Priore LV, Shen L, Sun M, Liu F, Nardini HG. Natural History of Untreated Atrophic Lesions in Stargardt Disease: A Meta-analysis. The Retina Society Annual Meeting; 2019 September, London, England.

A364. Gregori N, Schwartz S, Regillo C, Lam B, Elliott D, Rosenfeld P, Hubschman JP, Davis J, Heilweil G, Spirn M, Maguire J, Del Priore LV, Anglade E, Lanza R. PA072 Four-Year Outcomes of Human Embryonic Stem Cells (hESC)-derived RPE Cell Transplantation for Retinal Degeneration from Two Phase 1b Trials. American Academy of Ophthalmology, San Francisco, CA, October 2019.

2021

A365. Seyedeh M. Zekavat, Vineet Raghu, Mark Trinder, Declan P. O'Regan, Hongyu Zhao, James Martone, Ron A. Adelman, Tobias Elze, Nazlee Zebardast, Jay C. Wang, Lucian Del Priore, Pradeep Natarajan. Deep learning enables genome and phenome- wide association of the retinal vasculature. Yale Ophthalmology Research Day. (May 2021). [Speaker]

A366. Seyedeh M. Zekavat, Vineet Raghu, Mark Trinder, Declan P. O'Regan, Hongyu Zhao, James Martone, Ron A. Adelman, Tobias Elze, Nazlee Zebardast, Jay C. Wang, Lucian Del Priore, Pradeep Natarajan. Deep learning enables genome and phenome- wide association of the retinal vasculature. Yale Retina Symposium. (May 2021). [Speaker]

A367. Seyedeh M. Zekavat, Vineet Raghu, Mark Trinder, Declan P. O'Regan, Hongyu Zhao, James Martone, Ron A. Adelman, Tobias Elze, Nazlee Zebardast, Jay C. Wang, Lucian Del Priore, Pradeep Natarajan. Phenome- and genome-wide association of retinal vascular branching complexity and vascular density among 54,813 individuals from the UK Biobank. American Society of Retinal Specialists. (Oct 2021). (Poster Presentation)

A368. Seyedeh M. Zekavat, Michael A. Raddatz, Kaavya Paruchuri, Mark Trinder, Hongyu Zhao, Ninani Kombo, Lucian Del Priore, Elizabeth Rossin, Lucia Sobrin, Jay C. Wang, Giulio Genovese, Alexander G. Bick, Pradeep Natarajan. Genetic markers of immunosenescence are associated with increased risk of eye infections. American Academy of Ophthalmology. (Nov 2021) (Poster Discussion)

A369. Seyedeh M. Zekavat, Vineet Raghu, Mark Trinder, Declan P. O'Regan, Hongyu Zhao, James Martone, Ron A. Adelman, Tobias Elze, Nazlee Zebardast, Lucian Del Priore, Jay C. Wang, Pradeep Natarajan. Deep learning of the retina enables phenome- and genome- wide

analyses of the microvasculature. American Heart Association. (Nov 2021). [Podium Presentation; AHA Precision and Genomic Medicine Early Career Investigator Award]

A370. Seyedeh M. Zekavat, Vineet Raghu, Mark Trinder, Declan P. O'Regan, Hongyu Zhao, James Martone, Ron A. Adelman, Tobias Elze, Nazlee Zebardast, Lucian Del Priore, Jay C. Wang, Pradeep Natarajan. Deep learning of the retina enables phenome- and genome- wide analyses of the microvasculature. Broad Institute Scientific Retreat. (Dec 2021). [Invited Talk]

2022

A371. Shen LL, Del Priore LV, Warren JL., "A Hierarchical Bayesian Change Points Method to Study the Long-Term Natural History of Diseases". Poster session presented at: The Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting; May 2022; Denver, CO.

A372. Saman Doroodgar Jorshery, Seyedeh Maryam Zekavat, Vineet Raghu, Sayuri Sekimitsu, Yixuan Ye, Hongyu Zhao, Marzyeh Ghassemi, Janey L. Wiggs, Lucian V. Del Priore, Jay C. Wang, Netan Choudhry, Puneet Batra, Pradeep Natarajan, Elizabeth Rossin, Nazlee Zebardast. Linking the retinal microvasculature and choroidal circulation: Comparative epidemiologic and genomic analyses of retinal vascular density and choroidal thickness using retinal fundus and OCT images from 54,813 UK Biobank participants. Retina Society. (Nov 2022)

A373. Seyedeh Maryam Zekavat, Saman Doroodgar Jorshery, Yusrah Shweikh, Sayuri Sekimitsu, Satoshi Kayoma, Yixuan Ye, Vineet Raghu, Hongyu Zhao, Marzyeh Ghassemi, Leo Am Kim, Tobias Elze PhD, Ayellet V. Segre, Janey L. Wiggs, Lucian V. Del Priore, Jay C. Wang MD, Pradeep Natarajan, Nazlee Zebardast. Insights into human health from phenome- and genome-wide analyses of 9 retinal layers from UK Biobank optical coherence tomography among 44,823 individuals. Retina Society. (Nov 2022) [Podium Speaker]

A374. Saman Doroodgar Jorshery MD MPH1-5, Seyedeh Maryam Zekavat MD PhD1,2,6-8, Vineet Raghu PhD2,5, Sayuri Sekimitsu BS9, Yixuan Ye PhD8, Hongyu Zhao PhD8, Marzyeh Ghassemi PhD1,3,4 Janey L. Wiggs MD PhD2,6, Lucian Del Priore MD PhD8, Jay C. Wang MD8,11, Netan Choudhry MD1,11, Puneet Batra PhD2, Pradeep Natarajan MD MSc2,7, Elizabeth Rossin MD PhD2,6, Nazlee Zebardast MD2,6. Linking the Retinal Microvasculature and Choroidal Circulation Using Machine Learning: Epidemiologic and Genomic Analyses of Retinal Vascular Density and Chroidal Thickness Using Retinal Fundus and OCT Images from 54,813 UK Biobank Participants. Retina Society. (November 2022) Poster presentation.

2023

A375. Heyang M, Warren JL, Ociecek P, Duncan J, Moosajee M, Del Priore LV, Shen LL. Long-term Natural History of Ellipsoid Zone Length in USH2A-related Retinitis Pigmentosa. ARVO 2023

A376. Rivera Morales P, Shen LL, Perez Atayde AM, Sun M, Ahluwalia A, Young BK, Grossetta Nardini HK, Del Priore LV. Genotype and phenotype association in patients with choroideremia: a systematic review and meta-analysis from 618 individual eyes. ARVO 2023.

INSTRUCTIONAL COURSES

1. Laser Applications in Glaucoma, Laboratory Instructor. Meeting of the American Academy of Ophthalmology, Las Vegas, NV, 1988.
2. Update in Medical Retina and Uveitis (Course Director), Washington University School of Medicine, St. Louis, MO, 1991.
3. Fourth Annual Update Course in Ophthalmology (Course Director), Washington University School of Medicine, St. Louis, MO, 1992.
4. American Academy in Ophthalmology Annual Meeting, November 1992, Dallas, Texas, Medical and Surgical Management of Pseudophakic Cystoid Macular Edema, Course 674.
5. AIDS and the Eye. Diagnosis and Management of Retinal Detachments Secondary to CMV Retinitis. A multidisciplinary clinical symposium held at Washington University School of Medicine, St. Louis, MO, 1992.
6. Practical Ophthalmology for the Non-Ophthalmologist. Flashes and Floaters. Washington University School of Medicine, St. Louis, MO, 1993.
7. Fifth Annual Update Course in Ophthalmology. (Course Director) Washington University School of Medicine, St. Louis, MO, 1993.
8. American Academy in Ophthalmology Annual Meeting, November 1993, Chicago, IL, Medical and Surgical Management of Pseudophakic Cystoid Macular Edema (CME), Course 439.
9. Sixth Annual Update Course in Ophthalmology. (Course Director) Washington University School of Medicine, St. Louis, MO, 1993.
10. Seventh Annual Update Course in Ophthalmology. (Course Director) Washington University School of Medicine, St. Louis, MO, 1994.
11. European Congress of Ophthalmology. Management of Cystoid Macular Edema, Milan, Italy 1995.
12. Washington University Update: Eye Care for the Primary Care Physician. Management of Diabetic Retinopathy, St. Louis, MO, September 1996.
13. Saint Luke's Hospital Retina Course, Abnormalities of the Vitreoretinal Junction, St. Louis, MO, February 1997.
14. Winter Update in Retina, Washington University School of Medicine. RPE Transplantation in Age-related Macular Degeneration. February 1998.
15. Del Priore LV, Berger AS, Kaplan HJ, Thomas MA, Holekamp NA. American Academy in Ophthalmology Annual Meeting, November 1998, New Orleans, LA. Choroidal Neovascularization (CNV): Case Presentation and Management Workshop. Course 787.
16. Zarbin MA, Smiddy WS. Treatment of Age-related Macular Degeneration. American Academy in Ophthalmology Annual Meeting, November 1998, New Orleans, LA. Course 462 (invited speaker).
17. Slakter JS, Yannuzzi LA, Fisher YL, Guyer DR, Sorenson JA, Spaide RF, Freund KB. American Academy in Ophthalmology Annual Meeting, November 1998, New Orleans, LA. Course 766 (invited speaker).
18. Panozzo G, Capone A, Zarbin MA, Del Priore LV. Macular Surgery Course, American Academy of Ophthalmology annual meeting, October 1999, Orlando, FL.
19. Del Priore LV, Sparrow JS. Nutrition and Eye Disease. Course Co-director with Dr. Janet Sparrow, March 2002. Columbia University.
20. Del Priore LV. Optical Coherence Tomography in Age-related Macular Degeneration, Columbia University, February 2005.

MISCELLANEOUS PUBLICATIONS

1. Del Priore LV. Eye Damage from a Solar Eclipse. In Totality: Eclipses of the Sun. M. Littmann and K. Willcox, University of Hawaii Press, Honolulu, 1991 pp. 130-131.

INVITED LECTURES

1. Del Priore LV. Experimental and Surgical Aspects of Retinal Pigment Epithelial Cell Transplantation. Meeting of the International Ophthalmic Microsurgical Study Group, Bermuda, October 4-8, 1992.
2. Del Priore LV. Presumed Ocular Histoplasmosis and Subretinal Neovascularization. Combined meeting of the American Academy of Ophthalmology and the American Uveitis Society, Chicago, Illinois, November 14-18, 1993.
3. Del Priore LV. Recovery of Vision after Surgery for Subretinal Neovascularization. Michaelson Symposium on Ocular Circulation and Neovascularization, Budapest, Hungary, 1995.
4. Del Priore LV. Clinical and Laboratory Studies on the Surgical Approach to the Subretinal Space. Visiting Professor series, Washington National Eye Center, Washington Hospital Center, Washington, D.C., December 1995.
5. Del Priore LV, Tezel TH, Ho TC, Kaplan HJ. RPE Transplantation: What Do *In Vitro* Studies Teach Us? Platform Session on Cell Transplantation, International Congress for Eye Research, Yokohama, Japan, October 1996.
6. Del Priore LV, Tezel TH, Ho TC, Kaplan HJ. RPE Reattachment to Bruch's Membrane In Vitro. Foundation Fighting Blindness Meeting on Retinal Transplantation, New York, NY, June 1997.
7. Del Priore LV, Kaplan HJ, Tezel TH. Retinal Pigment Epithelial Cell Transplantation: Experimental Studies. International Conference on New Developments in the Treatment of Age-related Macular Degeneration, Gardone, Italy, June 1997.
8. Del Priore LV, Kaplan HJ, Tezel TH. The Role of Bruch's Membrane in Survival of Transplanted Retinal Pigment Epithelium. International Congress of Ophthalmology, Amsterdam, Netherlands, June 1998.
9. Del Priore LV, Kaplan HJ, Tezel TH. Do We Have to Transplant Bruch's Membrane in Age-Related Macular Degeneration? Session on Transplantation in the Retina. International Congress of Eye Research, Paris, July 1998.
10. Del Priore LV. Vitreoretinal Surgery for Subfoveal Choroidal Neovascularization. Course on New Approaches in Macular Degeneration. University of Texas Southwestern Medical Center at Dallas, August 21, 1999.
11. Del Priore LV. Retinal and RPE Cell Transplantation. Course on New Approaches in Macular Degeneration. University of Texas Southwestern Medical Center at Dallas, August 21, 1999.
12. Del Priore LV. Retinal and Retinal Pigment Epithelial Cell Transplantation. University of Texas Southwestern Medical Center at Dallas, August 21, 1999.
13. Del Priore LV. Will Transplanted Human RPE Survive on Diseased Bruch's Membrane in Age-Related Macular Degeneration? Retina Society of Tokyo, Tokyo, Japan December 5-7, 1999.
14. Del Priore LV. Cell Transplantation Update. Macula 2000 meeting, New York, NY January 14, 2000.

15. Del Priore LV. RPE Transplantation in the Management of AMD. Scheie Eye Institute, University of Pennsylvania School of Medicine, Philadelphia, PA March 2000.
16. Del Priore LV. The Role of Bruch's Membrane in the Survival of Transplanted RPE. Research Seminar, Scheie Eye Institute, University of Pennsylvania School of Medicine, Philadelphia, PA March 2000.
17. Del Priore LV. Pathophysiology of Dry and Wet AMD. AMD 2K: Ophthalmic Update on Macular Degeneration, Chicago, Illinois, March 11, 2000.
18. Del Priore LV. RPE Transplantation in AMD: Where we've been, where we're going. AMD 2K: Ophthalmic Update on Macular Degeneration, Chicago, Illinois, March 11, 2000.
19. Del Priore LV. RPE Transplantation in Submacular Surgery: Its Role for AMD. Universita degli Studi di Ancona, Istituto di Scienze Oftalmologiche, Ancona, Italy, July 7, 2000
20. Del Priore LV. RPE Transplantation: What Does the Future Hold? New Developments in Retinal Disease and Vitreous Surgery, University of Maryland School of Medicine, Baltimore, MD, September 22, 2000.
21. Del Priore LV. Future Directions in Retinal Cell Transplantation for the Management of Age-related Macular Degeneration. American Academy of Ophthalmology, Dallas, Texas, October 2000.
22. Del Priore LV. Atrophic Age-related Macular Degeneration: A Role for Retinal Pigment Epithelium Loss by Apoptosis in Human Eyes. A Symposium in Honor of Dr. Ray Margherio, Oakland University, Detroit, Michigan, October 2001.
23. Del Priore LV. Current and Future Status of RPE Transplantation in Age-related Macular Degeneration. A Symposium in Honor of Dr. Ray Margherio, Oakland University, Detroit, Michigan, October 2001.
24. Del Priore LV. Pars Plana Vitrectomy and RPE Transplantation in Age-related Macular Degeneration. American Academy of Ophthalmology, New Orleans, LA, November 2001.
25. Del Priore LV. Visiting Professor, Lions Eye Research Institute, University of Louisville, Louisville, Kentucky, January 2002.
26. Del Priore LV. Visiting Professor, University of Illinois at Chicago. Retinal Pigment Epithelial Replacement for AMD: Past, Present and Future, May 2002.
27. Del Priore LV. The Role of Bruch's Membrane in the Behavior of Transplanted RPE. Clinical Approaches to Transplantation and Stem Cell Therapies for Inherited Retinal Degenerative Diseases. Workshop sponsored by the Foundation Fighting Blindness, Salt Lake City, Utah, June 19th to 21st, 2002.
28. Del Priore LV. Cell and Tissue Transplantation for Retinal Degenerations. In: Retina: The Next Decade in Focus 2004 Virginia Society of Ophthalmology Annual meeting. Chantilly, VA, April 2, 2004.
29. Del Priore LV. Chair, Section II: Photodynamic Therapy and Corticosteroids for AMD Retina 2004 Subspecialty Day: Everything You Ever Wanted to Know About Retina. Oct. 22, 2004. New Orleans, Louisiana.
30. Del Priore LV. Retinal transplantation- The role of stem cells. Keynote address, Retina in Progress, Milan, Italy, June 2005.
31. Del Priore LV. Stem cell therapy of AMD. Macula 2006 meeting, Weill-Cornell Medical College of Cornell University and Manhattan Eye, Ear and Throat Hospital, New York, New York, January 14, 2006.

32. Del Priore LV. Anti-VEGF therapy in the management of ocular disease. Grand Rounds, St Vincent's Hospital, New York, NY May 2006.
33. Del Priore LV. What's Wrong with Bruch's Membrane in AMD and How to Fix It. 26th Annual Squaw Valley Retinal Symposium, Squaw Valley, CA February 8 – 11, 2007.
34. Del Priore LV. Pharmacologic Vitreolysis in Age of 25 Gauge Vitrectomy. 26th Annual Squaw Valley Retinal Symposium, Squaw Valley, CA February 8 – 11, 2007.
35. Del Priore LV. Comparing Clinical Trials in AMD. 26th Annual Squaw Valley Retinal Symposium, Squaw Valley, CA February 8 – 11, 2007.
36. Del Priore LV. Role of Bruch's membrane in RPE survival. Keynote Speaker. 4th International Ocular Anti-angiogenesis meeting, IBC, Boston, Massachusetts, April 2007.
37. Del Priore LV. Cell –based therapy for Retinal Disorders. Macula 2008 meeting, the Macula Foundation and Manhattan Eye, Ear and Throat Hospital, New York, New York, January 2008.
38. Del Priore LV. Regeneration of macular anatomy in advanced age-related macular degeneration. Pacific Ocular Regenerative Biology Conference XII, Surf and Sands Resort, Laguna Beach, California, 2009.
39. Del Priore LV. Trapianti della Retina, Celluli Staminali, e Chirurgica Maculare (Retinal Transplantation, Stem Cells, and Macular Surgery). Retina Presente e Future (Retina Present and Future), Università Federico II Monte Sant'Angelo Aula Carlo Ciliberto Napoli, Naples Italy October 15-16, 2009.
40. Del Priore LV. Complement, the Aging Basement Membrane, and VEGF Release from the Retinal Pigment Epithelium- Implications for Age-related Macular Degeneration. 71st Annual meeting of the Wilmer Eye Institute Residents Association, Johns Hopkins Hospital, Baltimore, Maryland June 2012.

GRAND ROUNDS AND SEMINARS

1. Del Priore LV. Advances in Artificial Vision. Storm Eye Institute, Medical University of South Carolina, October 2011.
2. Del Priore LV. Emerging Treatments for Exudative Macular Degeneration. Storm Eye Institute, Medical University of South Carolina, Spring 2012.
3. Del Priore LV. Advances in the Management of Diabetic Retinopathy, Grand Rounds, Department of Medicine, Medical University of South Carolina. April 2013.
4. Del Priore LV. Research Advances in Ophthalmology. Research Seminar, Department of Bioengineering, Medical University of South Carolina. April 2013.
5. Del Priore LV. Autofluorescence Imaging and Age-related Macular Degeneration. Storm Eye Institute, Medical University of South Carolina. October 2013.
6. Del Priore LV. Stem Cell Therapy for Retinal Disorders. Manhattan Eye, Ear and Throat Hospital, Northwell Health, November 2016.

7. Del Priore LV. Evaluating Vision Loss in the Era of Advanced Imaging: What We Learn and What We Miss. Visiting Professor, North Shore Long Island Jewish, Northwell Health and Hofstra University School of Medicine, September 2018.
8. Del Priore LV. How to Review a Scientific Article. Visiting Professor, North Shore Long Island Jewish, Northwell Health and Hofstra University School of Medicine, September 2018.

CLINICAL FELLOWS TRAINED

Daniel A. Adelberg, MD	1992-4
Michael A. Feiner, MD	1993-5
Mandi Conway, MD	1994-4
Levent K. Akduman, MD	1993-6
Eric Mann, MD	1994-6
Tongalp H. Tezel, MD	1994-8
Neil Atebarra, MD	1995-7
Adrienne Berman, M. D.	1995-7
Scott Simpson, MD	1996-8
Daniel Joseph, MD, PhD	1996-8
Shalesh Kaushal, MD, PhD	1997-8
Hanna Coleman, MD	2000-2002
Antonio Ciardella, MD	2000-2002
Jay Klancnik, MD	2002-2004
Michael Ober, MD	2003-2005
Reza Iranmanesh, MD	2004-2006
David Keegan, MD, PhD	2006-2007
Mark Donaldson, MD	2006-2007
Howard Fine, MD	2005-2007
Pawan Bhatnagar, MD	2006-2008
O'Neill Biscette, MD	2007-2008
Louis Chang, MD	2007-2009
Irene Barbazetto, MD	2007-2009
Ron Margolis, MD	2008-2010
Michael Engelbert, MD	2008-2010
Joseph Tseng, MD, PhD	2009-2011
Donny Huang, MD, PhD	2010-2012
Omar Shakir, MD	2016-2018
Fuad Makkouk, MD	2017-2019
Daniel Agarwal, MD	2019-2021
Asad Movahedan, MD	2020-2022
Marez Megalia, MD	2021-2023

RESAERCH FELLOWS TRAINED

Tzyy-Chang Ho, MD	1994-6
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Kwang Soo Kim, MD	1996-7
Vivian Kuo, MD	1997-8
Gwang-Ju Choi, MD	1998-9
Takehiko Szuki, MD	1998-00
Lee Geng, MD, PhD	1999-2003
Yaohua Sheng, MD	2000-2002
Osamu Ishida, MD	2000-2002
Reyko Koyama, MD	2002-2004
Min Shul Chin, MD	2004-2006
Jie Gong, MD, PhD	2006-2009
Mark Fields, PhD	2008-2011