



Mark S. Blumenkranz, MD, MMS

H. J. Smead Professor of Ophthalmology, Emeritus

 Curriculum Vitae available Online

CONTACT INFORMATION

• Administrative Contact

Mimi Enea - Administrator

Email menea@lagunitabio.com

Tel 650-461-4503

Bio

BIO

Mark S. Blumenkranz, M.D., MMS, is HJ Smead Professor Emeritus in the Department of Ophthalmology at Stanford University. He received his Undergraduate, Master's degree in Biochemical Pharmacology, and MD at Brown, his ophthalmic residency at Stanford and a fellowship in vitreoretinal diseases at the Bascom Palmer Eye Institute where he was appointed a member of the faculty in 1980. In 1985 he founded the Retinal Fellowship Training Program at the William Beaumont Eye Institute. He returned to Stanford in 1992 as head of the vitreoretinal service served as Department Chair from 1997 until 2015. He played a leading role in the planning, fundraising and construction of the Byers Eye Institute at Stanford and served as founding Director from its opening in September 2010 through June 2015.

He has served on the Editorial Boards of The American Journal of Ophthalmology, Retina, Ophthalmology, and Graefe's Archives for Ophthalmology. He is a past President of the American University Professors of Ophthalmology (AUPO), and a past President of the Retina Society and the Macula Society. He was a past member of the Steering Committee of the Audacious Goals Initiative of the NEI, and was a Trustee and Fellow of the Corporation of Brown University from 2002 until 2019 where he was the Chair of the Corporation Medical School Committee for eleven years. Dr. Blumenkranz was an early innovator in vitrectomy techniques to treat complex forms of retinal detachment, and helped to usher in the modern era of intravitreal and surgical adjuvant drug therapy with laboratory and clinical studies identifying 5- fluorouracil and low molecular weight heparin as potent agents to inhibit ocular scarring. He was a member of the group that first reported the herpetic etiology and successful acyclovir treatment of acute retinal necrosis, the use of bioerodible polymers to deliver intraocular steroids for macular edema and published the first human safety study of ranibizumab (Lucentis) and gene therapy based anti-VEGF therapy for age related macular degeneration.

He has published more than one hundred and sixty papers in peer-reviewed journals and multiple book chapters, abstracts and patents in the field. Dr. Blumenkranz has a longstanding interest and expertise in university corporate technology transfer. He was a Director and principal trial designer at Oculex Pharmaceuticals who were acquired by Allergan in 2003. He served as a co-founder, Director and Chairman of the SAB of Macusight, an ophthalmic pharmaceutical company, acquired by Santen in 2010. He was a founder and director of Peak Surgical, an innovator in pulsed plasma mediated electro-surgery that was acquired by Medtronic in 2011. In 2004 he co-founded Optimedica Corporation for which he co-wrote the foundational IP for the PASCAL and Catalys lasers, and which was acquired by AMO. In 2006 he co-founded and served as Chairman of the Board of Adverum Biotechnologies (ADVM:NASDAQ) until October 2016. He was a co-founder and director of Oculeve, a dry eye company which was acquired by Allergan in August of 2015. He was a founder and served as a Director of Verana Health (formerly Digisight Technologies) a digital medicine and health analytics company from 2009 until 2020. He served as the founding Chairman of Kedalion Therapeutics an ophthalmic drug delivery company from 2015 until 2022, and CEO from 2019 until 2022, when it was acquired by Novartis AG. He served as the founding Chairman of Combango Inc, a

topical ophthalmic biopharmaceutical company prior to its acquisition by Kala Therapeutics. He is a scientific founder of Eudora an ophthalmic gene therapy company. He currently serves as a director BVI Visitec, an ophthalmic surgical company, One Medical (ONEM:NASDAQ), Iveric Bio (ISEE:NASDAQ) and Kala Therapeutics (KALA:NASDAQ) He is a co-founder and the president of the Collaborative Community on Ophthalmic Imaging.

ACADEMIC APPOINTMENTS

- Emeritus Faculty - University Medical Line, Ophthalmology
- Member, Bio-X

ADMINISTRATIVE APPOINTMENTS

- HJ Smead Professor Emeritus, Stanford University School of Medicine, (2017- present)
- Director of Ophthalmic Innovation Program, Stanford University School of Medicine, (2015-2017)
- Founding Director, Byers Eye Institute at Stanford University, (2010-2015)
- HJ Smead Professor of Ophthalmology, Stanford University School of Medicine - Ophthalmology, (2007-2017)
- Chairman of Department of Ophthalmology, Stanford University School of Medicine, (1997-2015)
- Clinical Professor of Ophthalmology, Stanford University School of Medicine, (1992-1997)
- Head Vitreoretinal Service, Stanford University School of Medicine, (1992-1997)

HONORS AND AWARDS

- Albion Walter Hewlett Award, Stanford Medicine (2019)
- Guest of Honor, American Academy of Ophthalmology (2019)
- WW Keen Award, Warren Alpert School of Medicine Brown University (2019)
- Lifetime Innovator Award, OIS (2017)
- The Gass Award Lecture, The Retina Society (2016)
- The Wacker Prize Lecture, The Club Jules Gonin (2016)
- Charles Schepens Award Lecture, American Academy of Ophthalmology (2014)
- Edward Jackson Memorial Award Lecture, American Academy of Ophthalmology (2013)
- Kreissig Award Lecture, Euretina (2013)
- The Visionary Award, Foundation Fighting Blindness (2009)
- The Life Achievement Honor Award, The American Academy of Ophthalmology (2008)
- The Ruth Sauber Distinguished Medical Alumni Award Lecture, Brown University (2008)
- The Gertrude Pyron Award for Outstanding Achievement in Retina Research, The American Society of Retinal Specialists (2005)
- Senior Honor Award, American Academy of Ophthalmology (2004)
- The Rosenthal Foundation Award in Visual Science, The Rosenthal Foundation (1992)
- The Heed Society Award, The Heed Society (1988)
- The Special Manpower Award, Research to Prevent Blindness (1982)
- Alpha Omega Alpha Scientific Honor Society Award, Brown University (1975/2011)
- Sigma Xi Scientific Honor Society, Brown University (1975)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Steering Committee, Audacious Goals Initiative NEI/NIH (2015 - present)
- Member and Fellow, Association for Research in Visual Science and Ophthalmology (2014 - present)
- Past President, Macula Society (2011 - 2012)

- Past President, Retina Society (2010 - 2011)
- Past President, American University Professors of Ophthalmology (AUPO) (2009 - 2009)
- Fellow, Brown University (2008 - present)
- Member Board of Directors, Macula Society (2006 - 2014)
- Member of Board of Directors, Retina Society (2006 - 2010)
- Board Member, American University of Professors (AUPO) (2004 - 2009)
- Chairman Medical School Committee, Brown Corporation (2003 - present)
- Past Member Editorial Board, American Journal of Ophthalmology (2002 - 2008)
- Trustee, Brown University (2002 - 2008)
- Member, American University of Professors (AUPO) (1997 - 2015)
- Member of Editorial Board, Retina (1992 - present)
- Past Member Editorial Board, Graefe's Archives of Ophthalmology (1992 - 1996)
- Member, Macula Society (1987 - present)
- Member, Club Jules Gonin (1986 - present)
- Member, Retina Society (1984 - present)
- Member, American Academy of Ophthalmology (1981 - present)

PROFESSIONAL EDUCATION

- AB, Brown University , Biology (1972)
- MD, Brown University , Medicine (1975)
- MMS, Brown University , Biochemical Pharmacology (1976)
- Internship, Stanford University , Surgery (1976)
- Fellowship, Bascom Palmer Eye Institute , Vitreoretinal Surgery (1980)

LINKS

- Schepens Lecture: Digital Medicine Implications for Retina and Beyond: https://www.youtube.com/watch?v=_aXOSKQBD74&spfreload=10
- Jackson Lecture: The Evolution of Laser Therapy in Ophthalmology/A Review of the interactions between photons, patients, physicians, and physicists: https://www.youtube.com/watch?v=-m_BUvqcFFc&t=928s&spfreload=10
- Gass Lecture: The Search for a Successful Treatment for Macular Degeneration with Gene Therapy Techniques: https://www.youtube.com/watch?v=T83xNwRli_M&t=184s&spfreload=10

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Clinical Interest and Research

My primary areas of interest are in the diagnosis, medical and surgical treatment of vitreal retinal diseases. These principally include age-related macular degeneration and other diseases of the macula, and tractional syndromes, diabetic retinopathy, and complex forms of retinal detachment. I have been interested in the development of novel technology to diagnose and treat these diseases, including new forms of imaging, laser delivery systems, other microsurgical tools, and new drugs and drug delivery systems that inhibit new blood vessel growth, scarring and intraocular inflammation. I have been actively involved in translational research in the laboratory as well as technology transfer associated with that research for a variety of new therapies that have received FDA clearance and been introduced into clinical practice over the past 30 years.

Administrative and Community Service

I have served on the Board of Directors of a variety of voluntary education and service organizations, including the Corporation of Brown University, multiple scientific advisory boards and various philanthropic and research organizations.

Publications

PUBLICATIONS

- **Artificial Intelligence for Retinopathy of Prematurity: Validation of a Vascular Severity Scale against International Expert Diagnosis.** *Ophthalmology*
Campbell, J. P., Chiang, M. F., Chen, J. S., Moshfeghi, D. M., Nudleman, E., Ruambivoonsuk, P., Cherwek, H., Cheung, C. Y., Singh, P., Kalpathy-Cramer, J., Ostmo, S., Eydelman, M., Chan, et al
2022
- **The Collaborative Community on Ophthalmic Imaging: Accelerating Global Innovation and Clinical Utility** *OPHTHALMOLOGY*
Blumenkranz, M. S., Tarver, M. E., Myung, D., Eydelman, M. B., Collaborative Community Ophthalmic
2022; 129 (2): E9-E13
- **A Smartphone-Based Near-Vision Testing System: Design, Accuracy, and Reproducibility Compared With Standard Clinical Measures** *OPHTHALMIC SURGERY LASERS & IMAGING RETINA*
Kim, D., Weibel, A. D., Blumenkranz, M. S., Kim, Y., Yang, J., Yu, S., Kwak, H., Palanker, D., Toy, B., Myung, D.
2022; 53 (2): 79-84
- **Foundational Considerations for Artificial Intelligence Utilizing Ophthalmic Images.** *Ophthalmology*
Abramoff, M. D., Cunningham, B., Patel, B., Eydelman, M. B., Leng, T., Sakamoto, T., Blodi, B., Grenon, S. M., Wolf, R. M., Manrai, A. K., Ko, J. M., Chiang, M. F., Char, et al
2021
- **Comparison of Telemedicine Screening of Diabetic Retinopathy by Mydriatic Smartphone-Based vs Nonmydriatic Tabletop Camera-Based Fundus Imaging.** *Journal of vitreoretinal diseases*
Han, Y. S., Pathipati, M., Pan, C., Leung, L., Blumenkranz, M. S., Myung, D., Toy, B. C.
2021; 5 (3): 199-207
- **White Paper on Ophthalmic Imaging for Choroidal Nevus Identification and Transformation into Melanoma.** *Translational vision science & technology*
Shields, C. L., Lally, S. E., Dalvin, L. A., Sagoo, M. S., Pellegrini, M., Kaliki, S., Gündüz, A. K., Furuta, M., Mruthyunjaya, P., Fung, A. T., Duker, J. S., Selig, S. M., Yaghy, et al
2021; 10 (2): 24
- **White Paper on Ophthalmic Imaging for Choroidal Nevus Identification and Transformation into Melanoma** *TRANSLATIONAL VISION SCIENCE & TECHNOLOGY*
Shields, C. L., Lally, S. E., Dalvin, L. A., Sagoo, M. S., Pellegrini, M., Kaliki, S., Gunduz, A., Furuta, M., Mruthyunjaya, P., Fung, A. T., Duker, J. S., Selig, S. M., Yaghy, et al
2021; 10 (2)
- **Development, Validation, and Innovation in Ophthalmic Laser-Based Imaging: Report From a US Food and Drug Administration-Cosponsored Forum.** *JAMA ophthalmology*
Brodie, F., Repka, M., Burns, S. A., Prakalapakorn, S. G., Morse, C., Schuman, J. S., Duenas, M. R., Afshari, N., Pollack, J. S., Thorne, J. E., Vitale, A., Sen, H. N., Myung, et al
2020
- **Assessment of Eye Disease and Visual Impairment in the Nursing Home Population Using Mobile Health Technology** *OPHTHALMIC SURGERY LASERS & IMAGING RETINA*
Lai, K. Y., Pathipati, M. P., Blumenkranz, M. S., Leung, L., Moshfeghi, D. M., Toy, B. C., Myung, D.
2020; 51 (5): 262–70
- **Three-Year Follow-Up of Phase 1 and 2a rAAV.sFLT-1 Subretinal Gene Therapy Trials for Exudative Age-Related Macular Degeneration.** *American journal of ophthalmology*
Rakoczy, E. P., Magno, A. L., Lai, C., Pierce, C. M., Degli-Esposti, M. A., Blumenkranz, M. S., Constable, I. J.
2019; 204: 113–23
- **A novel device for secondary intraocular lens placement: Design and Ex Vivo Evaluation**
Buickians, D., Myung, D., Blumenkranz, M. S., Brodie, F.

ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2019

- **Evaluating New Ophthalmic Digital Devices for Safety and Effectiveness in the Context of Rapid Technological Development.** *JAMA ophthalmology*
Bodnar, Z. M., Schuchard, R. n., Myung, D. n., Tarver, M. E., Blumenkranz, M. S., Afshari, N. A., Humayun, M. S., Morse, C. n., Nischal, K. n., Repka, M. X., Sprunger, D. n., Trese, M. n., Eydelman, et al
2019
- **Validity of the Red Reflex Exam in the Newborn Eye Screening Test Cohort.** *Ophthalmic surgery, lasers & imaging retina*
Ludwig, C. A., Callaway, N. F., Blumenkranz, M. S., Fredrick, D. R., Moshfeghi, D. M.
2018; 49 (2): 103–10
- **Laser for Vitreoretinal Diseases** *VITREORETINAL DISEASE: DIAGNOSIS, MANAGEMENT, AND CLINICAL PEARLS*
Paulus, Y. M., Blumenkranz, M. S., Scott, I. U., Regillo, C. D., Flynn, H. W., Brown, G. C.
2018: 576-596
- **Comparison of Pneumatic Retinopexy and Scleral Buckle for Primary Rhegmatogenous Retinal Detachment Repair** *OPHTHALMIC SURGERY LASERS & IMAGING RETINA*
Paulus, Y. M., Leung, L., Pilyugina, S., Blumenkranz, M. S.
2017; 48 (11): 887–93
- **Reply.** *Retina (Philadelphia, Pa.)*
He, L., Toy, B., Blumenkranz, M., Chang, R., Myung, D.
2017; 37 (6)
- **Safety and post hoc analysis of subretinal rAAV.sFLT-1 for wet age-related macular degeneration following a phase 2a randomized clinical trial**
Rakoczy, E. P., Lai, C., Magno, A., French, M., Butler, S., Barone, S., Schwartz, S. D., Blumenkranz, M., Degli-Esposti, M., Constable, I.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2017
- **Optical Coherence Tomography Profiles, Visual Acuity and Ranibizumab Usage During 3-Year Follow-Up in a rAAV.sFLT-1 Gene Therapy Clinical Trial for Wet Age-Related Macular Degeneration**
Lai, C., Magno, A. L., Barone, S. B., Schwartz, S. D., Blumenkranz, M. S., Constable, I. J., Rakoczy, E. P.
CELL PRESS.2017: 315
- **Engineered ligand-based VEGFR antagonists with increased receptor binding affinity more effectively inhibit angiogenesis.** *Bioengineering & translational medicine*
Kapur, S., Silverman, A. P., Ye, A. Z., Papo, N., Jindal, D., Blumenkranz, M. S., Cochran, J. R.
2017; 2 (1): 81-91
- **Gene Therapy in Neovascular Age-related Macular Degeneration: Three Year Follow-up of a Phase 1 Randomised Dose Escalation Trial.** *American journal of ophthalmology*
Constable, I. J., Lai, C., Magno, A. L., French, M. A., Barone, S. B., Schwartz, S. D., Blumenkranz, M. S., Degli-Esposti, M. A., Rakoczy, E. P.
2017
- **Phase 2a Randomized Clinical Trial: Safety and Post Hoc Analysis of Subretinal rAAV.sFLT-1 for Wet Age-related Macular Degeneration.** *EBioMedicine*
Constable, I. J., Pierce, C. M., Lai, C., Magno, A. L., Degli-Esposti, M. A., French, M. A., McAllister, I. L., Butler, S., Barone, S. B., Schwartz, S. D., Blumenkranz, M. S., Rakoczy, E. P.
2016; 14: 168-175
- **Association of serum neutralizing antibodies with safety and efficacy outcomes in a Phase 2a trial of rAAV.sFlt-1 in the treatment of wet AMD**
Rakoczy, E. P., Lai, C., Magno, A., French, M., Barone, S., Schwartz, S. D., Blumenkranz, M., Degli-Esposti, M., Constable, I. J.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2016
- **What colour are newborns' eyes? Prevalence of iris colour in the Newborn Eye Screening Test (NEST) study.** *Acta ophthalmologica*
Ludwig, C. A., Callaway, N. F., Fredrick, D. R., Blumenkranz, M. S., Moshfeghi, D. M.
2016; 94 (5): 485-488
- **Defining a Minimum Set of Standardized Patient-centered Outcome Measures for Macular Degeneration.** *American journal of ophthalmology*
Rodrigues, I. A., Sprinkhuizen, S. M., Barthelmes, D., Blumenkranz, M., Cheung, G., Haller, J., Johnston, R., Kim, R., Klaver, C., McKibbin, M., Ngah, N. F., Pershing, S., Shankar, et al
2016; 168: 1-12

- **Gene Therapy for Age-Related Macular Degeneration.** *Asia-Pacific journal of ophthalmology (Philadelphia, Pa.)*
Constable, I. J., Blumenkranz, M. S., Schwartz, S. D., Barone, S., Lai, C., Rakoczy, E. P.
2016; 5 (4): 300-303
- **Retinal and Optic Nerve Hemorrhages in the Newborn Infant: One-Year Results of the Newborn Eye Screen Test Study.** *Ophthalmology*
Callaway, N. F., Ludwig, C. A., Blumenkranz, M. S., Jones, J. M., Fredrick, D. R., Moshfeghi, D. M.
2016; 123 (5): 1043-1052
- **Results of a Phase 1 and 2a Trial on rAAV. sFlt-1 in Treatment of Wet Age-Related Macular Degeneration**
Lai, C., Magno, A. L., French, M. A., Barone, S. B., Schwartz, S. D., Blumenkranz, M. S., Degli-Esposti, M. A., Constable, I. J., Rakoczy, E. P.
NATURE PUBLISHING GROUP.2016: S97–S98
- **Retinal and Optic Nerve Hemorrhages in the Newborn Infant** *OPHTHALMOLOGY*
Callaway, N. F., Ludwig, C. A., Blumenkranz, M. S., Jones, J. M., Fredrick, D. R., Moshfeghi, D. M.
2016; 123 (5): 1043-1052
- **SMARTPHONE-BASED DILATED FUNDUS PHOTOGRAPHY AND NEAR VISUAL ACUITY TESTING AS INEXPENSIVE SCREENING TOOLS TO DETECT REFERRAL WARRANTED DIABETIC EYE DISEASE** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Toy, B. C., Myung, D. J., He, L., Pan, C. K., Chang, R. T., Polkinhorne, A., Merrell, D., Foster, D., Blumenkranz, M. S.
2016; 36 (5): 1000-1008
- **AFLIBERCEPT FOR THE TREATMENT OF RETINAL PIGMENT EPITHELIAL DETACHMENTS.** *Retina (Philadelphia, Pa.)*
He, L., Silva, R. A., Moshfeghi, D. M., Blumenkranz, M. S., Leng, T.
2016; 36 (3): 492-498
- **Report on the National Eye Institute Audacious Goals Initiative: Regenerating the Optic Nerve.** *Investigative ophthalmology & visual science*
Goldberg, J. L., Guido, W., For The Agi Workshop Participants
2016; 57 (3): 1271-1275
- **Gene therapy with recombinant adeno-associated vectors for neovascular age-related macular degeneration: 1 year follow-up of a phase 1 randomised clinical trial** *LANCET*
Rakoczy, E. P., Lai, C., Magno, A. L., Wikstrom, M. E., French, M. A., Pierce, C. M., Schwartz, S. D., Blumenkranz, M. S., Chalberg, T. W., Degli-Esposti, M. A., Constable, I. J.
2015; 386 (10011): 2395-2403
- **One-year analysis of sFlt-1 and VEGF proteins and immunological markers in the bodily fluids of subjects participating in the Phase I rAAV.sFlt-1 trial**
Rakoczy, E. P., Lai, C., Magno, A., Wikstrom, M., French, M., Schwartz, S. D., Blumenkranz, M. S., Chalberg, T., Degli-Esposti, M., Constable, I. J.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2015
- **Cost and Utility Analysis of Treatments for Macular Edema in Central Retinal Vein Occlusion**
Karth, P. A., Moshfeghi, D. M., Blumenkranz, M. S.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2015
- **Incidence and clinical characteristics of epiretinal membrane developing after posterior vitreous detachment**
Tan, G. S., Blumenkranz, M. S.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2015
- **Baseline Data for Patients Participating in the Phase 2a rAAV.sFlt-1 Gene Therapy Trial for Exudative Age-Related Macular Degeneration**
Rakoczy, E. P., Lai, C., Magno, A. L., French, M. A., Chalberg, T. W., Schwartz, S. D., Blumenkranz, M. S., Constable, I. J.
NATURE PUBLISHING GROUP.2015: S156–S157
- **Serum Inflammatory Markers After Rupture Retinal Laser Injury in Mice** *OPHTHALMIC SURGERY LASERS & IMAGING RETINA*
Paulus, Y. M., Kuo, C., Morohoshi, K., Nugent, A., Zheng, L. L., Nomoto, H., Blumenkranz, M. S., Palanker, D., Ono, S. J.
2015; 46 (3): 362-368
- **INTRAVITREAL INJECTION TECHNIQUE AND MONITORING: Updated Guidelines of an Expert Panel.** *Retina (Philadelphia, Pa.)*
Avery, R. L., Bakri, S. J., Blumenkranz, M. S., Brucker, A. J., Cunningham, E. T., D'Amico, D. J., Dugel, P. U., Flynn, H. W., Freund, K. B., Haller, J. A., Jumper, J. M., Liebmann, J. M., McCannel, et al
2014; 34: S1-S18

- **The Evolution of Laser Therapy in Ophthalmology: A Perspective on the Interactions Between Photons, Patients, Physicians, and Physicists: The LXX Edward Jackson Memorial Lecture** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Blumenkranz, M. S.
2014; 158 (1): 12-25
- **One Year Follow-Up Report on the rAAV.sFlt-1 Phase I Gene Therapy Trial for Exudative Age-Related Macular Degeneration**
Rakoczy, E. P., Lai, M., Magno, A. L., French, M., Chalberg, T., Blumenkranz, M., Schwartz, S. D., Constable, I. J.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2014
- **Reliability of Smartphone-Based Electronic Visual Acuity Testing: (Applications in Remote Monitoring and Clinical Research of Macular Pathology)**
Yu, S., Yang, J., Kim, Y., Kwak, H., Blumenkranz, M.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2014
- **RESULTS FROM A PHASE I/II CLINICAL TRIAL ON ANTI-VASCULAR ENDOTHELIAL GROWTH FACTOR GENE THERAPY IN PATIENTS WITH EXUDATIVE AGE-RELATED MACULAR DEGENERATION**
Lai, C., Magno, A., Pierce, C., Samulski, R. J., Chalberg, T. W., Blumenkranz, M. S., Constable, I. J., Rakoczy, E. P.
WILEY-BLACKWELL.2013: 319
- **Anti-VEGF Gene Therapy for Wet AMD: Safety and Tolerability of Subretinal Delivery in a Phase I/II Clinical Trial**
Constable, I., Pierce, C., Somasundaram, S., Lai, M., Chalberg, T., Blumenkranz, M., Samulski, R., Rakoczy, E.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2013
- **Anti-VEGF Gene Therapy for Wet AMD: Phase I/II Safety and Pharmacology Results**
Rakoczy, E., Lai, M., Pierce, C., Magno, A., Samulski, R., Chalberg, T., Blumenkranz, M., Constable, I.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2013
- **Serum Autoantibody Evaluation after Retinal Laser Injury in Mice**
Paulus, Y., Kuo, C., Morohoshi, K., Nugent, A., Zheng, L., Nomoto, H., Blumenkranz, M., Palanker, D., Ono, S.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2013
- **Herpes simplex virus type 2 mediated acute retinal necrosis in a pediatric population: case series and review** *GRAEFES ARCHIVE FOR CLINICAL AND EXPERIMENTAL OPHTHALMOLOGY*
Silva, R. A., Berrocal, A. M., Moshfeghi, D. M., Blumenkranz, M. S., Sanislo, S., Davis, J. L.
2013; 251 (2): 559-566
- **Human histopathology of PASCAL laser burns.** *Eye (London, England)*
Paulus, Y. M., Kaur, K. n., Egbert, P. R., Blumenkranz, M. S., Moshfeghi, D. M.
2013
- **EFFECT OF INTRAVITREAL TRIAMCINOLONE ACETONIDE ON HEALING OF RETINAL PHOTOCOAGULATION LESIONS** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Nomoto, H., Lavinsky, D., Paulus, Y. M., Leung, L., Dalal, R., Blumenkranz, M. S., Palanker, D.
2013; 33 (1): 63-70
- **Panretinal Photocoagulation for Proliferative Diabetic Retinopathy** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Palanker, D., Blumenkranz, M. S.
2012; 153 (4): 780-781
- **Longterm cultures of the aged human RPE do not maintain epithelial morphology and high transepithelial resistance** *GRAEFES ARCHIVE FOR CLINICAL AND EXPERIMENTAL OPHTHALMOLOGY*
Stanzel, B. V., Blumenkranz, M. S., Binder, S., Marmor, M. F.
2012; 250 (2): 313-315
- **Tennis partners.** *Retina (Philadelphia, Pa.)*
Flynn, H. W., Blumenkranz, M. S.
2012; 32: S12-4
- **Macular infarction following intravitreal bevacizumab for treatment of central retinal vein occlusion.** *Ophthalmic surgery, lasers & imaging : the official journal of the International Society for Imaging in the Eye*
Leung, L. B., Silva, R. A., Blumenkranz, M. S., Flynn, H. W., Sanislo, S. R.

2012; 43: e73-9

- **A Randomized, Dose-Escalation Study of Subconjunctival and Intravitreal Injections of Sirolimus in Patients with Diabetic Macular Edema** *OPHTHALMOLOGY*
Dugel, P. U., Blumenkranz, M. S., Haller, J. A., Williams, G. A., Solley, W. A., Kleinman, D. M., Naor, J.
2012; 119 (1): 124-131
- **Fifty Years of Ophthalmic Laser Therapy** *ARCHIVES OF OPHTHALMOLOGY*
Palanker, D. V., Blumenkranz, M. S., Marmor, M. F.
2011; 129 (12): 1613-1619
- **Dexamethasone intravitreal implant in patients with macular edema related to branch or central retinal vein occlusion twelve-month study results.** *Ophthalmology*
Haller, J. A., Bandello, F., Belfort, R., Blumenkranz, M. S., Gillies, M., Heier, J., Loewenstein, A., Yoon, Y. H., Jiao, J., Li, X., Whitcup, S. M., Li, J.
2011; 118 (12): 2453-2460
- **Dexamethasone Intravitreal Implant in Patients with Macular Edema Related to Branch or Central Retinal Vein Occlusion** *OPHTHALMOLOGY*
Haller, J. A., Bandello, F., Belfort, R., Blumenkranz, M. S., Gillies, M., Heier, J., Loewenstein, A., Yoon, Y. H., Jiao, J., Li, X., Whitcup, S. M.
2011; 118 (12): 2453-2460
- **THE IMPACT OF PULSE DURATION AND BURN GRADE ON SIZE OF RETINAL PHOTOCOAGULATION LESION Implications for Pattern Density** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Palanker, D., Lavinsky, D., Blumenkranz, M. S., Marcellino, G.
2011; 31 (8): 1664-1669
- **Femtosecond laser capsulotomy** *JOURNAL OF CATARACT AND REFRACTIVE SURGERY*
Friedman, N. J., Palanker, D. V., Schuele, G., Andersen, D., Marcellino, G., Seibel, B. S., Battle, J., Feliz, R., Talamo, J. H., Blumenkranz, M. S., Culbertson, W. W.
2011; 37 (7): 1189-1198
- **Untitled Reply** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Leng, T., Blumenkranz, M. S.
2011; 31 (4): 815-816
- **Critical appraisal of the clinical utility of the dexamethasone intravitreal implant (Ozurdex) for the treatment of macular edema related to branch retinal vein occlusion or central retinal vein occlusion.** *Clinical ophthalmology (Auckland, N.Z.)*
Chan, A., Leung, L., Blumenkranz, M. S.
2011; 5: 1043-1049
- **Kinetics of central macular thickness reduction in patients with macular edema after intravitreal drug therapy.** *Clinical ophthalmology (Auckland, N.Z.)*
He, L., Chan, A., Leng, T., Blumenkranz, M. S.
2011; 5: 1751-1758
- **Femtosecond Laser-Assisted Cataract Surgery with Integrated Optical Coherence Tomography** *SCIENCE TRANSLATIONAL MEDICINE*
Palanker, D. V., Blumenkranz, M. S., Andersen, D., Wiltberger, M., Marcellino, G., Gooding, P., Angeley, D., Schuele, G., Woodley, B., Simoneau, M., Friedman, N. J., Seibel, B., Battle, et al
2010; 2 (58)
- **An extensive case of acute posterior multifocal placoid pigment epitheliopathy.** *Retinal cases & brief reports*
Chan, A., Blumenkranz, M. S., Sanislo, S. R.
2010; 4 (4): 336-338
- **CORRELATION OF VISUAL ACUITY AND MACULAR THICKNESS MEASURED BY OPTICAL COHERENCE TOMOGRAPHY IN PATIENTS WITH PERSISTENT MACULAR EDEMA** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Blumenkranz, M. S., Haller, J. A., Kuppermann, B. D., Williams, G. A., Ip, M., Davis, M., Weinberg, D. V., Chou, C., Whitcup, S. M.
2010; 30 (7): 1090-1094
- **Randomized, Sham-Controlled Trial of Dexamethasone Intravitreal Implant in Patients with Macular Edema Due to Retinal Vein Occlusion** *OPHTHALMOLOGY*
Haller, J. A., Bandello, F., Belfort, R., Blumenkranz, M. S., Gillies, M., Heier, J., Loewenstein, A., Yoon, Y., Jacques, M., Jiao, J., Li, X., Whitcup, S. M.
2010; 117 (6): 1134-U164

- **Randomized Controlled Trial of an Intravitreal Dexamethasone Drug Delivery System in Patients With Diabetic Macular Edema** *ARCHIVES OF OPHTHALMOLOGY*
Haller, J. A., Kuppermann, B. D., Blumenkranz, M. S., Williams, G. A., Weinberg, D. V., Chou, C., Whitcup, S. M.
2010; 128 (3): 289-296
- **Optimal current and future treatments for diabetic macular oedema** *39th Cambridge Ophthalmology Symposium*
Blumenkranz, M. S.
NATURE PUBLISHING GROUP.2010: 428-34
- **Photoacoustic ocular imaging** *OPTICS LETTERS*
de la Zerda, A., Paulus, Y. M., Teed, R., Bodapati, S., Dollberg, Y., Khuri-Yakub, B. T., Blumenkranz, M. S., Moshfeghi, D. M., Gambhir, S. S.
2010; 35 (3): 270-272
- **Photodynamic Therapy With and Without Adjunctive Intravitreal Triamcinolone Acetonide: A Retrospective Comparative Study** *OPHTHALMIC SURGERY LASERS & IMAGING*
Chan, A., Blumenkranz, M. S., Wu, K. H., Wang, G., Berker, N., Parast, L. M., Sanislo, S. R.
2009; 40 (6): 561-569
- **Dexamethasone Posterior-Segment Drug Delivery System in the Treatment of Macular Edema Resulting from Uveitis or Irvine-Gass Syndrome** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Williams, G. A., Haller, J. A., Kuppermann, B. D., Blumenkranz, M. S., Weinberg, D. V., Chou, C., Whitcup, S. M.
2009; 147 (6): 1048-1054
- **Healing of Retinal Photocoagulation Lesions** *INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE*
Paulus, Y. M., Jain, A., Gariano, R. F., Stanzel, B. V., Marmor, M., Blumenkranz, M. S., Palanker, D.
2008; 49 (12): 5540-5545
- **Severe surfing-related ocular injuries: the Stanford Northern Californian experience** *BRITISH JOURNAL OF SPORTS MEDICINE*
Zoumalan, C. I., Blumenkranz, M. S., McCulley, T. J., Moshfeghi, D. M.
2008; 42 (10): 855-857
- **Posterior retinal breaks as a cause of vitreous hemorrhage in diabetes.** *Retinal cases & brief reports*
Hwang, T. N., Moshfeghi, D. M., Blumenkranz, M. S.
2008; 2 (4): 335-337
- **Surveillance for potential adverse events associated with the use of intravitreal bevacizumab for retinal and choroidal vascular disease** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Wong, L. J., Desai, R. U., Jain, A., Feliciano, D., Moshfeghi, D. M., Sanislo, S. R., Blumenkranz, M. S.
2008; 28 (8): 1151-1158
- **Bacterial contamination of ocular surface and needles in patients undergoing intravitreal injections** *109th Annual Meeting of the American-Academy-of-Ophthalmology*
De Caro, J. J., Ta, C. N., Ho, H. V., Cabael, L., Hu, N., Sanislo, S. R., Blumenkranz, M. S., Moshfeghi, D. M., Jack, R., de Kaspar, H. M.
LIPPINCOTT WILLIAMS & WILKINS.2008: 877-83
- **Towards prosthetic replacement of Bruch's membrane: Comparison of polyester and electrospun nanofiber substrates** *Annual Tissue-Engineering-and-Regenerative-Medicine-International-Society-European-Chapter Meeting*
Stanzel, B. V., Englander, M., Strick, D. J., Blumenkranz, M. S., Binder, S., Marmor, M. F.
MARY ANN LIEBERT INC.2008: 791-91
- **Effect of pulse duration on size and character of the lesion in retinal photocoagulation** *ARCHIVES OF OPHTHALMOLOGY*
Jain, A., Blumenkranz, M. S., Paulus, Y., Wiltberger, M. W., Andersen, D. E., Huie, P., Palanker, D.
2008; 126 (1): 78-85
- **Perspective: Tissue engineering for RPE transplantation in AMD** *SPEKTRUM DER AUGENHEILKUNDE*
Stanzel, B. V., Englander, M., Strick, D. J., Sanislo, S. S., Huie, P., Blumenkranz, M. S., Binder, S., Marmor, M. F.
2007; 21 (4): 212-217
- **Endogenous Scedosporium apiospermum endophthalmitis** *ARCHIVES OF OPHTHALMOLOGY*
Jain, A. T., Egbert, P., McCulley, T. J., Blumenkranz, M. S., Moshfeghi, D. M.

2007; 125 (9): 1286-1289

- **Retinal pigment epithelium tears after intravitreal injection of bevacizumab (Avastin) for neovascular age-related macular degeneration** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Ronan, S. M., Yoganathan, P., Chien, F. Y., Corcostegui, I. A., Blumenkranz, M. S., Deramo, V. A., Elner, S. G., Fastenberg, D. A., Johnson, M. W., Lopez, M., Mateo, C., Moshfeghi, D. M., Navarro, et al
2007; 27 (5): 535-540
- **Role of genetic factors and inflammation in age-related macular degeneration** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Moshfeghi, D. M., Blumenkranz, M. S.
2007; 27 (3): 269-275
- **Effect of ruboxistaurin in patients with diabetic macular edema - Thirty-month results of the randomized PKC-DMES clinical trial** *ARCHIVES OF OPHTHALMOLOGY*
Aiello, L. P., Ai, E., Aiello, L. M., Anand, R., Blumenkranz, M., Boyer, D., Brucker, A. J., Chandler, T., Chong, L., Connor, T., Danis, R., Dehning, D., Dodson, et al
2007; 125 (3): 318-324
- **Randomized controlled study of an intravitreal dexamethasone drug delivery system in patients with persistent macular edema** *ARCHIVES OF OPHTHALMOLOGY*
Kuppermann, B. D., Blumenkranz, M. S., Haller, J. A., Williams, G. A., Weinberg, D. V., Chou, C., Whitcup, S. M.
2007; 125 (3): 309-317
- **The effectiveness of the new fluoroquinolones against the normal bacterial flora of the conjunctiva** *OPHTHALMOLOGE*
Koss, M. J., Eder, M., Blumenkranz, M. S., Klauss, V., Ta, C. N., de Kaspar, H. M.
2007; 104 (1): 21-27
- **Patterned retinal coagulation with a scanning laser** *17th Conference on Ophthalmic Technologies*
Palanker, D., Jain, A., Paulus, Y., Andersen, D., Blumenkranz, M. S.
SPIE-INT SOC OPTICAL ENGINEERING.2007
- **A novel His158Arg mutation in TIMP3 causes a late-onset form of Sorsby fundus dystrophy** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Lin, R. J., Blumenkranz, M. S., Binkley, J., Wu, K., Vollrath, D.
2006; 142 (5): 839-848
- **Development of a high-resolution optoelectronic retinal prosthesis**
Palanker, D., Vankov, A., Huie, P., Chan, Butterwick, A., Marmor, M. F., Blumenkranz, M. S.
FEDERATION AMER SOC EXP BIOL.2006: A844
- **Semiautomated patterned scanning laser for retinal photocoagulation** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Blumenkranz, M. S., Yellachich, D., Andersen, D. E., Wiltberger, M. W., Mordaunt, D., Marcellino, G. R., Palanker, D.
2006; 26 (3): 370-376
- **Plasma-mediated transfection of RPE** *16th Conference on Ophthalmic Technologies*
Palanker, D., Chalberg, T., Vankov, A., Huie, P., Molnar, F. E., Butterwick, A., Calos, M., Marmor, M., Blumenkranz, M. S.
SPIE-INT SOC OPTICAL ENGINEERING.2006
- **Maximum tolerated dose of a humanized anti-vascular endothelial growth factor antibody fragment for treating neovascular age-related macular degeneration** *4th International Symposium on Ocular Pharmacology and Pharmaceutics*
Rosenfeld, P. J., Schwartz, S. D., Blumenkranz, M. S., Miller, J. W., Haller, J. A., Reimann, J. D., Greene, W. L., Shams, N.
ELSEVIER SCIENCE INC.2005: 1048-53
- **Antibiotic susceptibility of preoperative normal conjunctival bacteria** *107th Annual Meeting of the American-Academy-of-Ophthalmology/Annual Meeting of the ISRS*
de Kaspar, H. M., Koss, M. J., Blumenkranz, M. S., Ta, C. N.
ELSEVIER SCIENCE INC.2005: 730-33
- **New therapy for central retinal vein occlusion - Are intravitreal steroids a possible answer?** *ARCHIVES OF OPHTHALMOLOGY*
Blumenkranz, M. S.
2005; 123 (2): 259-261

- **Prospective Randomized comparison of 2 different methods of 5% povidone-iodine applications for anterior segment, Intraocular surgery** *106th Annual Meeting of the American-Academy-of-Ophthalmology*
de Kaspar, H. M., Chang, R. T., Singh, K., Egbert, P. R., Blumenkranz, M. S., Ta, C. N.
AMER MEDICAL ASSOC.2005: 161-65
- **Prospective randomized comparison of 2 different methods of 5% povidone-iodine applications for anterior segment intraocular surgery.** *Archives of ophthalmology*
Miño de Kaspar, H., Chang, R. T., Singh, K., Egbert, P. R., Blumenkranz, M. S., Ta, C. N.
2005; 123 (2): 161-165
- **Full thickness retinal pigment epithelium explants proliferate into epithelial monolayers on synthetic Bruch's membrane substitutes** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Lombardi, L., Leng, T., Yeh, E., Molnar, F., Noolandi, J., Marmor, M. F., Fishman, H. A., Blumenkranz, M. S.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2005
- **Synthetic Bruch's membrane substitutes: Comparisons after subretinal transplantation with cultured iris pigment epithelium** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Molnar, F. E., Lombardi, L., Berker, N., Yeh, E., Yellachich, D., Leng, T., Dalal, R., Marmor, M. F., Fishman, H. A., Blumenkranz, M. S.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2005
- **Directed retinal nerve cell growth for use in a retinal prosthesis interface** *INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE*
Leng, T., Wu, P., Mehenti, N. Z., Bent, S. F., Marmor, M. F., Blumenkranz, M. S., Fishman, H. A.
2004; 45 (11): 4132-4137
- **Migration of retinal cells through a perforated membrane: Implications for a high-resolution prosthesis** *INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE*
Palanker, D., Huie, P., Vankov, A., Aramant, R., Seiler, M., Fishman, H., Marmor, M., Blumenkranz, M.
2004; 45 (9): 3266-3270
- **Localized chemical release from an artificial synapse chip** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Peterman, M. C., Noolandi, J., Blumenkranz, M. S., Fishman, H. A.
2004; 101 (27): 9951-9954
- **Three-day application of topical ofloxacin reduces the contamination rate of microsurgical knives in cataract surgery - A prospective randomized study** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
de Kaspar, H. M., Chang, R. T., Shriver, E. M., Singh, K., Egbert, P. R., Blumenkranz, M. S., Ta, C. N.
ELSEVIER SCIENCE INC.2004: 1352-55
- **Health- and vision-related quality of life among patients with choroidal neovascularization secondary to age-related macular degeneration at enrollment in randomized trials of submacular surgery: SST report no. 4** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Hubbard, B., Sternberg, P., Capone, A., AABERG, T. M., Brown, J. M., DuBois, L. G., Johnson, J., Schmitz, N., Haller, J. A., Campochiaro, P. A., de Juan, E., Pieramici, D., Zimmer-Galler, et al
2004; 138 (1): 91-108
- **The chick chorioallantoic membrane as a model tissue for surgical retinal research and simulation** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Leng, T., MILLER, J. M., Bilbao, K. V., Palanker, D. V., Huie, P., Blumenkranz, M. S.
2004; 24 (3): 427-434
- **Controlling cell adhesion on human tissue by soft lithography** *LANGMUIR*
Lee, C. J., Blumenkranz, M. S., Fishman, H. A., Bent, S. F.
2004; 20 (10): 4155-4161
- **The challenge of determining aqueous contamination rate in anterior segment intraocular surgery** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Ta, C. N., Egbert, P. R., Singh, K., Blumenkranz, M. S., de Kaspar, H. M.
2004; 137 (4): 662-667
- **Design of a neurotransmitter-based retinal prosthetic chip powered by the ambient light.** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Fishman, H. A., Palanker, D. V., Mehenti, N. Z., Marmor, M. F., Bent, S. F., Blumenkranz, M. S.

ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2004: U126-U126

- **Development of a flexible, microfabricated retinal interface** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Mehenti, N. Z., Marmor, M. F., Blumenkranz, M. S., Bent, S. F., Fishman, H. A.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2004: U381-U381
- **Fluid flow past an aperture in a microfluidic channel** *ANALYTICAL CHEMISTRY*
Peterman, M. C., Noolandi, J., Blumenkranz, M. S., Fishman, H. A.
2004; 76 (7): 1850-1856
- **Attracting retinal cells to electrodes for high-resolution stimulation** *14th Conference on Ophthalmic Technologies*
Palanker, D. V., Huie, P., Vankov, A., Freyvert, Y., Fishman, H., Marmor, M. F., Blumenkranz, M. S.
SPIE-INT SOC OPTICAL ENGINEERING.2004: 306-314
- **Electro-adhesive forceps for tissue manipulation** *14th Conference on Ophthalmic Technologies*
Vankov, A., Huie, P., Blumenkranz, M., Palanker, D.
SPIE-INT SOC OPTICAL ENGINEERING.2004: 270-274
- **Anecortave acetate as monotherapy for treatment of subfoveal neovascularization in age-related macular degeneration - Twelve-month clinical outcomes** *Retina Congress 2002*
Russell, S., Boldt, H. C., Folk, J. C., Gehrs, K. M., Stone, E. M., Weingeist, T. A., Lotery, A. J., Goerd, C. J., Wiblin, R. T., Fountain, C. N., Groben, L., Vogel, C., Heffron, et al
ELSEVIER SCIENCE INC.2003: 2372-83
- **The artificial synapse chip: A flexible retinal interface based on directed retinal cell growth and neurotransmitter stimulation** *ARTIFICIAL ORGANS*
Peterman, M. C., Mehenti, N. Z., Bilbao, K. V., Lee, C. J., Leng, T., Noolandi, J., Bent, S. F., Blumenkranz, M. S., Fishman, H. A.
2003; 27 (11): 975-985
- **Antibiotic resistance patterns of ocular bacterial flora - A prospective study of patients undergoing anterior segment surgery** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Ta, C. N., Chang, R. T., Singh, K., Egbert, P. R., Shriver, E. M., Blumenkranz, M. S., de Kaspar, H. M.
ELSEVIER SCIENCE INC.2003: 1946-51
- **Towards a neurotransmitter-based retinal prosthesis using an inkjet print-head** *BIOMEDICAL MICRODEVICES*
Noolandi, J., Peterman, M. C., Huie, P., Lee, C., Blumenkranz, M. S., Fishman, H. A.
2003; 5 (3): 195-199
- **Risk factors for antibiotic-resistant conjunctival bacterial flora in patients undergoing intraocular surgery** *100th Annual Meeting of the Deutsche-Ophthalmologische-Gesellschaft*
de Kaspar, H. M., Shriver, E. M., Nguyen, E. V., Egbert, P. R., Singh, K., Blumenkranz, M. S., Ta, C. N.
SPRINGER.2003: 730-33
- **Localized neurotransmitter release for use in a prototype retinal interface** *INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE*
Peterman, M. C., Bloom, D. M., Lee, C., Bent, S. F., Marmor, M. E., Blumenkranz, M. S., Fishman, H. A.
2003; 44 (7): 3144-3149
- **Precision and safety of the pulsed electron avalanche knife in vitreoretinal surgery** *ARCHIVES OF OPHTHALMOLOGY*
MILLER, J. M., Palanker, D. V., Vankov, A., Marmor, M. F., Blumenkranz, M. S.
2003; 121 (6): 871-877
- **Retinal evaluation of patients on chronic amiodarone therapy** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Shaikh, S., Shaikh, N., Chun, S. H., Spin, J. M., Blumenkranz, M. S., Marmor, M. F.
2003; 23 (3): 354-359
- **RPE cell adhesion on spatially patterned lens capsule** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Lee, C. J., Bent, S. F., Blumenkranz, M. S., Fishman, H. A.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2003: U100-U100
- **Anti-vascular endothelial growth factor therapy for subfoveal choroidal neovascularization secondary to age-related macular degeneration - Phase II study results** *105th Annual Meeting of the American-Academy-of-Ophthalmology*

- Fish, G., Haller, J. A., Ho, A. C., Klein, M., Loewenstein, J., Martin, D., Orth, D., Rosen, R. B., Sanislo, S., Schwartz, S. D., Singerman, L. J., Williams, G., Adamis, et al
ELSEVIER SCIENCE INC.2003: 979-86
- **Laser treatment in fellow eyes with large drusen: updated findings from a pilot randomized clinical trial** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology (ARVO)*
Sternberg, P., AABERG, T. M., Martin, D., Saperstein, D., Hyatt, M., Gilman, J., SWORDS, R., Nemes, G., Singerman, L. J., Rice, T. A., Zegarra, H., Novak, M. A., Pendergast, et al
ELSEVIER SCIENCE INC.2003: 971-78
 - **A retinal interface based on neurite micropatterning for single cell stimulation** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Mehenti, N. Z., Peterman, M. C., Leng, T., Marmor, M. F., Blumenkranz, M. S., Bent, S. F.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2003: U704-U704
 - **Cell demographics from full thickness retinal explant growth on micropatterned surfaces** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Wu, P., Mehenti, N. Z., Leng, T., Marmor, M. F., Blumenkranz, M. S., Fishman, H. A.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2003: U692-U692
 - **Ten-fold reduction of conjunctival bacterial contamination rate using a combined 3-day application of topical ofloxacin and iodine irrigation in patients undergoing anterior segment intraocular surgery** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
de Kaspar, H. M., Singh, G., Egbert, P. R., Haw, W. W., Nguyen, E. V., Singh, K., Blumenkranz, M. S., Ta, C. N.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2003: U344-U344
 - **Quantitative verteporfin angiography in humans** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Moshfeghi, D. M., Blumenkranz, M. S., Sanislo, S. R., Hnik, P.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2003: U698-U698
 - **The pulsed electron avalanche knife in human vitreoretinal surgery; A status report** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Blumenkranz, M. S., Palanker, D., Sanislo, S. S., Marmor, M. H., Quiroz-Mercado, H., Koch, F., Kampik, A., Miesner, H., Amend, P.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2003: U99-U99
 - **Bubble-free plasma blade for posterior segment surgery** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Sanislo, S. R., Palanker, D., Vankov, A., Bilbao, K., Marmor, M., Blumenkranz, M.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2003: U665-U665
 - **Verteporfin therapy of subfoveal choroidal neovascularization in pathologic myopia - 2-year results of a randomized clinical Trial - VIP report no. 3** *OPHTHALMOLOGY*
Blinder, K. J., Blumenkranz, M. S., Bressler, N. M., Bressler, S. B., Donati, G., Lewis, H., Lim, J. I., Menchini, U., Miller, J. W., Mones, J. M., Potter, M. J., Pourmaras, C., Reaves, et al
2003; 110 (4): 667-673
 - **Clinicopathologic study after submacular removal of choroidal neovascular membranes treated with verteporfin ocular photodynamic therapy** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Moshfeghi, D. M., Kaiser, P. K., Grossniklaus, H. E., Sternberg, P., Sears, J. E., Johnson, M. W., Ratliff, N., Branco, A., Blumenkranz, M. S., Lewis, H.
2003; 135 (3): 343-350
 - **Anecortave acetate as monotherapy for the treatment of subfoveal lesions in patients with exudative age-related macular degeneration (AMD) - Interim (month 6) analysis of clinical safety and efficacy** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Blinder, K., Blumenkranz, M., Desmet, M., Fish, G., Friedlander, M., Gitter, K., Godley, B., Ho, A., Hudson, H., van Kuijk, E., Lewis, M. L., Rosenfeld, P., Russell, et al
2003; 23 (1): 14-23
 - **Optimization of the pulsed electron avalanche knife for anterior segment surgery** *13th Conference on Ophthalmic Technologies*
Palanker, D., Vankov, A., Bilbao, K., Marmor, M., Blumenkranz, M.
SPIE-INT SOC OPTICAL ENGINEERING.2003: 56-61
 - **Microcontact printing on human tissue for retinal cell transplantation** *ARCHIVES OF OPHTHALMOLOGY*
Lee, C. J., Huie, P., Leng, T., Peterman, M. C., Marmor, M. F., Blumenkranz, M. S., Bent, S. F., Fishman, H. A.
2002; 120 (12): 1714-1718

- **Prospective randomized comparison of 3-day versus 1-hour preoperative ofloxacin prophylaxis for cataract surgery** *105th Annual Meeting of the American-Academy-of-Ophthalmology*
Ta, C. N., Egbert, P. R., Singh, K., Shriver, E. M., Blumenkranz, M. S., de Kaspar, H. M.
ELSEVIER SCIENCE INC.2002: 2036-40
- **Verteporfin therapy of subfoveal choroidal neovascularization in patients with age-related macular degeneration - Additional information regarding baseline lesion composition's impact on vision outcomes - TAP report No. 3** *ARCHIVES OF OPHTHALMOLOGY*
Bressler, N. M., Arnold, J., Benchaboune, M., Blumenkranz, M. S., Fish, G. E., Gragoudas, E. S., Lewis, H., Schmidt-Erfurth, U., Slakter, J. S., Bressler, S. B., Manos, K., Hao, Y., Haynes, et al
2002; 120 (11): 1443-1454
- **Treatment of central retinal vein occlusion by vitrectomy with lysis of vitreopapillary and epipapillary adhesions, subretinal peripapillary tissue plasminogen activator injection, and photocoagulation** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Lam, H. D., Blumenkranz, M. S.
2002; 134 (4): 609-611
- **Intravascular drug delivery with a pulsed liquid microjet** *ARCHIVES OF OPHTHALMOLOGY*
Fletcher, D. A., Palanker, D. V., Huie, P., Miller, J., Marmor, M. F., Blumenkranz, M. S.
2002; 120 (9): 1206-1208
- **CME photodynamic therapy for choroidal neovascularization - A review** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Woodburn, K. W., Engelman, C. J., Blumenkranz, M. S.
2002; 22 (4): 391-405
- **The sensitivity and specificity of single-field nonmydriatic monochromatic digital fundus photography with remote image interpretation for diabetic retinopathy screening: A comparison with ophthalmoscopy and standardized mydriatic color photography** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Lin, D. Y., Blumenkranz, M. S., Brothers, R. J., Grosvenor, D. M.
2002; 134 (2): 204-213
- **Effects of the pulsed electron avalanche knife on retinal tissue** *ARCHIVES OF OPHTHALMOLOGY*
Palanker, D. V., Marmor, M. F., Branco, A., Huie, P., MILLER, J. M., Sanislo, S. R., Vankov, A., Blumenkranz, M. S.
2002; 120 (5): 636-640
- **Antibiotic susceptibility pattern of coagulase-negative staphylococci in patients undergoing Intraocular surgery** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Ta, C. N., de Kaspar, H. M., Chang, R. T., Shriver, E. M., Egbert, P. R., Singh, K., Blumenkranz, M. S.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2002: U1275-U1275
- **Bacterial contamination of paracentesis blades used in cataract surgery** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Chang, R. T., Ta, C. N., Egbert, P. R., Singh, K., Haw, W. W., Shriver, E. M., Espinosa, L., Williams, D. Y., Blumenkranz, M. S., de Kaspar, H. M.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2002: U73-U73
- **Multiresistant Staphylococcus epidermidis on the conjunctiva prior to intraocular surgery** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Shriver, E. M., Ta, C. N., Egbert, P. R., Singh, K., Chang, R. T., Blumenkranz, M. S., de Kaspar, H. M.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2002: U860-U860
- **A biodegradable matrix facilitates the use of lens capsule as a substrate for subretinal cell transplantation** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Bilbao, K. V., Leng, T., Fung, A. E., Huie, P., Sanislo, S. R., Marmor, M. F., Blumenkranz, M. S., Fishman, H. A.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2002: U972-U972
- **Directed ganglion cell growth and stimulation with microcontact printing as a prototype visual prosthesis interface** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Leng, T., Huie, P., Mehenti, N. Z., Peterman, M. C., Lee, C. J., Marmor, M. F., Sanislo, S. R., Beni, S. F., Blumenkranz, M. S., Fishman, H. A.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2002: U1279-U1279
- **The Pulsed Electron Avalanche Knife (PEAK (TM)) for intraocular surgery in patients with proliferative vitreoretinal disorders** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Blumenkranz, M. S., Quiroz-Mercado, H., Sanislo, S. R., Garcia, G., Dubnack, S., Palanker, D. V.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2002: U845-U845

- **Surgical therapy of central retinal vein occlusion by creation of choroidal retinal anastomosis** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Quiroz-Mercado, H., Blumenkranz, M. S., Palanker, D. V., Sanislo, S. R., Garcia-Aguirre, G., Magdalenic, R., Araya-Munoz, C. E., Ruiz, M.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2002: U431-U431
- **The artificial synapse chip: A novel interface for a retinal prosthesis based on neurotransmitter stimulation and nerve regeneration** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Fishman, H. A., Peterman, M. C., Leng, T., Huie, P., Lee, C. J., Bloom, D. M., Sanislo, S. R., Marmor, M. F., Bent, S. F., Blumenkranz, M. S.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2002: U803-U803
- **Tissue engineered lens capsule as a substrate for IPE and RPE transplantation** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Fung, A. E., Lee, C. J., Leng, T., Bilbao, L. V., Peterman, M. C., Blumenkranz, M. S., Bent, S. F., Fishman, H. A.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2002: U973-U973
- **A new pulsed liquid microjet lot potential treatment of retinal vascular occlusions** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Sanislo, S. R., Blumenkranz, M. S., Vankov, A., Palanker, D. V.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2002: U988-U988
- **Guidelines for using verteporfin (Visudyne (R)) in photodynamic therapy to treat choroidal neovascularization due to age-related macular degeneration and other causes** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Arnold, J., Bauer, B., Blumenkranz, M. S., Bressler, N. M., Bressler, S. B., CHADER, G. J., Chakravarthy, U., Corcostegui, B., Fine, S. L., Foerster, M. H., Gragoudas, E. S., Harvey, P. T., Hendrikse, et al
2002; 22 (1): 6-18
- **Pulsed liquid microjet for intravascular injection** *12th Conference on Ophthalmic Technologies*
Palanker, D., Fletcher, D., Miller, J., Huie, P., Marmor, M., Blumenkranz, M.
SPIE-INT SOC OPTICAL ENGINEERING.2002: 72-75
- **Pulsed Electron Avalanche Knife (PEAK) for intraocular surgery** *INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE*
Palanker, D. V., MILLER, J. M., Marmor, M. F., Sanislo, S. R., Huie, P., Blumenkranz, M. S.
2001; 42 (11): 2673-2678
- **Terson's syndrome following epidural saline injection** *NEUROLOGY*
Naseri, A., Blumenkranz, M. S., Horton, J. C.
2001; 57 (2): 364
- **Adjuvant methods in macular hole surgery: Intraoperative plasma-thrombin mixture and postoperative fluid-gas exchange** *OPHTHALMIC SURGERY AND LASERS*
Blumenkranz, M. S., Ohana, E., Shaikh, S., Chang, S., Coll, G., Morse, L. S., De Bustros, S.
2001; 32 (3): 198-207
- **Verteporfin therapy of subfoveal choroidal neovascularization in age-related macular degeneration: Two-year results of a randomized clinical trial including lesions with occult with no classic choroidal neovascularization-verteporfin in photodynamic therapy report 2** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Arnold, J., Kilmartin, D., Olson, J., Neville, S., Robinson, K., Laird, A., Richmond, C., Farrow, A., McKay, S., McKechnie, R., Evans, G., AABERG, T. M., Brower, et al
2001; 131 (5): 541-560
- **Photodynamic therapy of subfoveal choroidal neovascularization in pathologic myopia with verteporfin - 1-year results of a randomized clinical trial - VIP report no. 1** *OPHTHALMOLOGY*
Arnold, J., Kilmartin, D., Olson, J., Neville, S., Robinson, K., Laird, A., Richmond, C., Farrow, A., McKay, S., Saperstein, D. A., AABERG, T. M., Johnson, J. B., Waldron, et al
2001; 108 (5): 841-852
- **Evaluation of toxicity in vitreoretinal application of the Pulsed Electron Avalanche Knife (PEAK).**
Sanislo, S. R., Palanker, D. V., Miller, J., Marmor, M. F., Huie, P., Vankov, A., Branco, A., Blumenkranz, M. S.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2001: S429-S429
- **Immediate bacterial contamination of the aqueous humor in intraocular surgery.**
Braun, M., de Kaspar, H., Ta, C. N., Egbert, P., Singh, K., Blumenkranz, M.

ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2001: S256-S256

- **Antibiotic susceptibility pattern of coagulase-negative staphylococci in patients undergoing intraocular surgery.**
Ta, C. N., de Kaspar, H., Egbert, P., Singh, K., Blumenkranz, M.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2001: S254-S254
- **Photodynamic angiography: A new technique utilizing Lutex.**
Branco, A., Blumenkranz, M., Miller, J., Slakter, J., Sanislo, S., Woodburn, K., ROWE, T., Simpson, G.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2001: S512-S512
- **Photodynamic therapy of subfoveal choroidal neovascularization in age-related macular degeneration with verteporfin - Two-year results of 2 randomized clinical trials - TAP report 2** *ARCHIVES OF OPHTHALMOLOGY*
Blumenkranz, M. S., Bressler, N. M., Potter, M. J., Bressler, S. B., Mones, J. M., Harvey, P., Singerman, L. J., Gragoudas, E. S., Miller, J. W., Schmidt-Erfurth, U.
2001; 119 (2): 198-207
- **Transient improvement in visual acuity and macular edema in central retinal vein occlusion accompanied by inflammatory features after pulse steroid and anti-inflammatory therapy** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Shaikh, S., Blumenkranz, M. S.
2001; 21 (2): 176-178
- **Presumed acquired ocular toxoplasmosis in deer hunters** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Ross, R. D., Stec, L. A., Werner, J. C., Blumenkranz, M. S., Glazer, L., WILLIAMS, G. A.
2001; 21 (3): 226-229
- **Fluorescein angiographic findings in ocular siderosis** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Shaikh, S., Blumenkranz, M. S.
2001; 131 (1): 136-138
- **Lutetium texaphyrin (lu-tex): A potential new agent for ocular fundus angiography and photodynamic therapy** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Blumenkranz, M. S., Woodburn, K. W., Qing, F., Verdooner, S., Kessel, D., Miller, R.
2000; 129 (3): 353-362
- **Fluorescein angiographic changes in acute toxic retinopathy associated with polypharmacy** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Shaikh, S., Shaikh, N., Blumenkranz, M. S.
2000; 20 (6): 685-688
- **The role of digital fundus photography in diabetic retinopathy screening. Digital Diabetic Screening Group (DDSG).** *Diabetes technology & therapeutics*
Lin, D. Y., Blumenkranz, M. S., Brothers, R.
1999; 1 (4): 477-487
- **Management of submacular hemorrhage associated with retinal arterial macroaneurysms** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Humayun, M., Lewis, H., Flynn, H. W., Sternberg, P., Blumenkranz, M. S.
1998; 126 (3): 358-361
- **Treatment of reopened macular hole after vitrectomy by laser and outpatient fluid-gas exchange** *OPHTHALMOLOGY*
Ohana, E., Blumenkranz, M. S.
1998; 105 (8): 1398-1403
- **Exudative retinal detachment in X-linked retinoschisis** *OPHTHALMIC SURGERY AND LASERS*
Fong, D. S., Frederick, A. R., Blumenkranz, M. S., Walton, D. S.
1998; 29 (4): 332-335
- **Laser treatment in eyes with large drusen - Short-term effects seen in a pilot randomized clinical trial** *Annual Meeting of the American-Academy-of-Ophthalmology*
Sternberg, P., Capone, A., AABERG, T. M., Hyatt, M., Gilman, J., SWORDS, R., Singerman, L., Rice, T. A., Zegarra, H., Novak, M. A., LICHTERMAN, S., Knight, D., Tilocco, et al
ELSEVIER SCIENCE INC.1998: 11-23
- **Tissue plasminogen activator in treatment of infectious endophthalmitis: A pilot study**

- Sanislo, S. R., Lim, S. Y., Blumenkranz, M. S.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.1997: 5178-78
- **Subretinal hemorrhages in proliferative diabetic retinopathy** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Morse, L. S., Chapman, C. B., Elliott, D., Benner, J. D., Blumenkranz, M. S., MCCUEN, B. W.
1997; 17 (2): 87-93
 - **Microbiologic factors and visual outcome in the endophthalmitis vitrectomy study** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Han, D. P., Vine, A. K., Blodi, B. A., Elner, S. G., Johnson, M. W., Jessup, L. M., Khanderia, S., Pierson, C. L., Willis, J., McIver, F., Stanley, S., Sneed, S. R., Capone, et al
1996; 122 (6): 830-846
 - **Multicenter clinical experience using an Erbium:YAG laser for vitreoretinal surgery** *Annual Meeting of American-Academy-of-Ophthalmology*
DAMICO, D. J., Blumenkranz, M. S., Lavin, M. J., QUIROZMERCADO, H., Pallikaris, I. G., Marcellino, G. R., Brooks, G. E.
LIPPINCOTT-RAVEN PUBL.1996: 1575-85
 - **The selective effect of micropulse diode laser upon the retina**
Kim, S. Y., Sanislo, S. R., Dalal, R., Kelsoe, W. E., Blumenkranz, M. S.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.1996: 3584-84
 - **RESULTS OF THE ENDOPTHALMITIS VITRECTOMY STUDY - A RANDOMIZED TRIAL OF IMMEDIATE VITRECTOMY AND OF INTRAVENOUS ANTIBIOTICS FOR THE TREATMENT OF POSTOPERATIVE BACTERIAL ENDOPTHALMITIS** *ARCHIVES OF OPHTHALMOLOGY*
Vine, A. K., Blodi, B. A., Elner, S. G., Johnson, M. W., Jessup, L. M., Pierson, C. L., Willis, J., McIver, F., Stanley, S., Sneed, S. R., Capone, A., AABERG, T. M., Lim, et al
1995; 113 (12): 1479-1496
 - **COTTON-WOOL SPOTS AND THE EARLY DIAGNOSIS OF GIANT-CELL ARTERITIS** *OPHTHALMOLOGY*
MELBERG, N. S., Grand, M. G., Dieckert, J. P., Barney, N. P., Blumenkranz, M. S., Boone, D. E., Folk, J. C., STRANSKY, T. J.
1995; 102 (11): 1611-1614
 - **IMPROVED SURGICAL-TREATMENT OF FAMILIAL EXUDATIVE VITREORETINOPATHY IN CHILDREN** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
GLAZER, L. C., MAGUIRE, A., BLUMERKRANZ, M. S., TRESE, M. T., GREEN, W. R.
1995; 120 (4): 471-79
 - **TREATMENT OF MASSIVE SUBRETINAL HEMORRHAGE FROM COMPLICATIONS OF SCLERAL BUCKLING PROCEDURES** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Rubsamen, P. E., Flynn, H. W., Civantos, J. M., Smiddy, W. E., Murray, T. G., Nicholson, D. H., Blumenkranz, M. S.
1994; 118 (3): 299-303
 - **EFFECTS OF SILICONE OIL REMOVAL - SILICONE STUDY REPORT-6** *ARCHIVES OF OPHTHALMOLOGY*
HUTTON, W. L., AZEN, S. P., Blumenkranz, M. S., Lai, M. Y., MCCUEN, B. W., Han, D. P., Flynn, H. W., RAMSAY, R. C., RYAN, S. J.
1994; 112 (6): 778-785
 - **RELAXING RETINOTOMY WITH SILICONE OIL OR LONG-ACTING GAS IN EYES WITH SEVERE PROLIFERATIVE VITREORETINOPATHY SILICONE STUDY REPORT 5** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Blumenkranz, M. S., AZEN, S. P., Aaberg, T., BOONE, D. C., Lewis, H., Radtke, N., RYAN, S. J.
1993; 116 (5): 557-564
 - **GIANT RETINAL-PIGMENT EPITHELIAL TEARS IN ACUTE RETINAL NECROSIS** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
FOX, G. M., BLUMENKRANZ, M.
1993; 116 (3): 302-6
 - **A COMPARISON OF 5-FLUOROURIDINE AND 5-FLUOROURACIL IN AN EXPERIMENTAL-MODEL FOR THE TREATMENT OF VITREORETINAL SCARRING** *CURRENT EYE RESEARCH*
Ward, T., Hartzler, M., Blumenkranz, M., Lin, L. R.
1993; 12 (5): 397-401
 - **INTRAOCULAR EXTRACELLULAR CYCLIC-NUCLEOTIDE CONCENTRATIONS - THE INFLUENCE OF VITREOUS SURGERY** *GRAEFES ARCHIVE FOR CLINICAL AND EXPERIMENTAL OPHTHALMOLOGY*

- DALMAWEISZHAUZ, J., Blumenkranz, M., Hartzer, M., Hernandez, E.
1993; 231 (3): 184-186
- **MICRORIPS OF THE RETINAL-PIGMENT EPITHELIUM** *ARCHIVES OF OPHTHALMOLOGY*
Ie, D., Yannuzzi, L. A., Spaide, R. F., WOODWARD, K. P., Singerman, L. J., Blumenkranz, M. S.
1992; 110 (10): 1443-1449
 - **ACQUIRED-IMMUNODEFICIENCY-SYNDROME AND THE EYE** *DERMATOLOGIC CLINICS*
Blumenkranz, M. S., Penneys, N. S.
1992; 10 (4): 777-783
 - **RETINAL MANIFESTATIONS OF OCULAR LYMPHOMA (RETICULUM-CELL SARCOMA)** *OPHTHALMOLOGY*
RIDLEY, M. E., McDonald, H. R., Sternberg, P., Blumenkranz, M. S., Zarbin, M. A., Schachat, A. P.
1992; 99 (7): 1153-1160
 - **VITRECTOMY WITH SILICONE OIL OR SULFUR-HEXAFLUORIDE GAS IN EYES WITH SEVERE PROLIFERATIVE VITREORETINOPATHY - RESULTS OF A RANDOMIZED CLINICAL-TRIAL - SILICONE STUDY REPORT .1.** *ARCHIVES OF OPHTHALMOLOGY*
AZEN, S. P., Barlow, W., BOONE, D. C., QUILLENTHOMAS, B., Chen, A., Lee, M. B., LINTON, K. L., Lai, M. Y., Lee, K., BOCHYNSKI, E., COX, M. S., Blumenkranz, M. S., MARGHERIO, et al
1992; 110 (6): 770-779
 - **VITRECTOMY WITH SILICONE OIL OR PERFLUOROPROPANE GAS IN EYES WITH SEVERE PROLIFERATIVE VITREORETINOPATHY - RESULTS OF A RANDOMIZED CLINICAL-TRIAL - SILICONE STUDY REPORT .2.** *ARCHIVES OF OPHTHALMOLOGY*
AZEN, S. P., Barlow, W., BOONE, D. C., QUILLENTHOMAS, B., Chen, A., Lee, M. B., LINTON, K. L., Lai, M. Y., Lee, K., BOCHYNSKI, E., LUNSFORD, M., COX, M. S., Blumenkranz, et al
1992; 110 (6): 780-792
 - **VITRECTOMY FOR DIABETIC MACULAR TRACTION AND EDEMA ASSOCIATED WITH POSTERIOR HYALOIDAL TRACTION** 1991
ANNUAL MEETING OF THE AMERICAN ACADEMY OF OPHTHALMOLOGY
Lewis, H., ABRAMS, G. W., Blumenkranz, M. S., Campo, R. V.
ELSEVIER SCIENCE INC.1992: 753-59
 - **TREATMENT OF DISLOCATED CRYSTALLINE LENS AND RETINAL-DETACHMENT WITH PERFLUOROCARBON LIQUIDS** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Lewis, H., Blumenkranz, M. S., Chang, S.
1992; 12 (4): 299-304
 - **AN OVERVIEW OF POTENTIAL APPLICATIONS OF HEPARIN IN VITREORETINAL SURGERY** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Blumenkranz, M. S., Hartzer, M. K., Iverson, D.
1992; 12 (3): S71-S74
 - **APPLICATIONS AND LIMITATIONS OF VITREORETINAL BIOPSY TECHNIQUES IN INTRAOCULAR LARGE CELL LYMPHOMA** 3RD
INTERNATIONAL CONGRESS ON VITREORETINAL SURGERY
Blumenkranz, M. S., Ward, T., Murphy, S., Mieler, W., WILLIAMS, G. A., Long, J.
LIPPINCOTT-RAVEN PUBL.1992: S64-S70
 - **SCLERAL LOOP FIXATION FOR POSTERIORLY DISLOCATED INTRAOCULAR LENSES - OPERATIVE TECHNIQUE AND LONG-TERM RESULTS** *ARCHIVES OF OPHTHALMOLOGY*
Maguire, A. M., Blumenkranz, M. S., WARD, T. G., Winkelman, J. Z.
1991; 109 (12): 1754-1758
 - **LIPOSOME SUPPRESSION OF PROLIFERATIVE VITREORETINOPATHY - RABBIT MODEL USING ANTIMETABOLITE ENCAPSULATED LIPOSOMES** *INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE*
Assil, K. K., Hartzer, M., Weinreb, R. N., NEHORAYAN, M., Ward, T., Blumenkranz, M.
1991; 32 (11): 2891-2897
 - **INHIBITION OF INTRAOCULAR FIBRIN FORMATION FOLLOWING INFUSION OF LOW-MOLECULAR-WEIGHT HEPARIN DURING VITRECTOMY** *ARCHIVES OF OPHTHALMOLOGY*
IVERSON, D. A., Katsura, H., Hartzer, M. K., Blumenkranz, M. S.
1991; 109 (3): 405-409

- **INDICATIONS AND RESULTS OF RELAXING RETINOTOMY** *OPHTHALMOLOGY*
IVERSON, D. A., WARD, T. G., Blumenkranz, M. S.
1990; 97 (10): 1298-1304
- **SUBRETINAL HEMORRHAGE MANAGEMENT BY PARS-PLANA VITRECTOMY AND INTERNAL DRAINAGE** *ARCHIVES OF OPTHALMOLOGY*
WADE, E. C., Flynn, H. W., OLSEN, K. R., Blumenkranz, M. S., Nicholson, D. H.
1990; 108 (7): 973-978
- **TISSUE PLASMINOGEN-ACTIVATOR AND PENETRATING KERATOPLASTY** *OPHTHALMIC SURGERY AND LASERS*
Heidemann, D. G., WILLIAMS, G. A., Blumenkranz, M. S.
1990; 21 (5): 364-365
- **CHOROIDAL NEOVASCULAR MEMBRANE AND OTHER CHORIORETINAL COMPLICATIONS OF ACQUIRED SYPHILIS** *AMERICAN JOURNAL OF OPTHALMOLOGY*
Halperin, L. S., Lewis, H., Blumenkranz, M. S., Gass, J. D., Olk, R. J., Fine, S. L.
1989; 108 (5): 554-562
- **SILICONE OIL FOR THE TREATMENT OF SEVERE PROLIFERATIVE DIABETIC-RETINOPATHY** *OPHTHALMOLOGY*
BROURMAN, N. D., Blumenkranz, M. S., COX, M. S., TRESE, M. T.
1989; 96 (6): 759-764
- **SELECTION OF THERAPEUTIC AGENTS FOR INTRAOCULAR PROLIFERATIVE DISEASE. 3. EFFECTS OF FLUOROPYRIMIDINES ON CELL-MEDIATED CONTRACTION OF HUMAN-FIBROBLASTS** *EXPERIMENTAL EYE RESEARCH*
Hartzer, M. K., Blumenkranz, M. S., HAJEK, A. S., Dailey, W. A., Cheng, M., Margherio, A. R.
1989; 48 (3): 321-328
- **VISUAL RESULTS AND COMPLICATIONS AFTER RETINAL REATTACHMENT IN THE ACUTE RETINAL NECROSIS SYNDROME - THE INFLUENCE OF OPERATIVE TECHNIQUE** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Blumenkranz, M., CLARKSON, J., Culbertson, W. W., Flynn, H. W., Lewis, M. L., Young, G. M.
1989; 9 (3): 170-174
- **ACUTE MULTIFOCAL HEMORRHAGIC RETINAL VASCULITIS** *OPHTHALMOLOGY*
Blumenkranz, M. S., KAPLAN, H. J., Clarkson, J. G., Culbertson, W. W., WILLIAMS, G. A., Kleiner, R. C., MEISSNER, R. H.
1988; 95 (12): 1663-1672
- **VITRECTOMY FOR RETINAL-DETACHMENT ASSOCIATED WITH ACUTE RETINAL NECROSIS** *AMERICAN JOURNAL OF OPTHALMOLOGY*
Blumenkranz, M., CLARKSON, J., Culbertson, W. W., Flynn, H. W., Lewis, M. L., YOUNG, G. A.
1988; 106 (4): 426-429
- **FLUOROURACIL THERAPY OF INTRAOCULAR GREENE MELANOMA IN THE RABBIT** *ARCHIVES OF OPTHALMOLOGY*
OLSEN, K. R., Blumenkranz, M., Hernandez, E., Hajek, A., Hartzer, M.
1988; 106 (6): 812-815
- **UPTAKE AND CLEARANCE OF 5-FLUOROURIDINE FOLLOWING SUB-CONJUNCTIVAL AND INTRAVITREAL INJECTION** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
HUANG, D. S., Blumenkranz, M. S., Hernandez, E., Hartzer, M.
1988; 8 (3): 205-209
- **ASSOCIATION OF VARICELLA ZOSTER DERMATITIS WITH ACUTE RETINAL NECROSIS SYNDROME** *OPHTHALMOLOGY*
Browning, D. J., Blumenkranz, M. S., Culbertson, W. W., Clarkson, J. D., Tardif, Y., GOURDEAU, A., Minturn, J.
1987; 94 (6): 602-606
- **INTRUSION OF RETINAL TACKS** *AMERICAN JOURNAL OF OPTHALMOLOGY*
Lewis, H., AABERG, T. M., Packo, K. H., RICHMOND, P. P., Blumenkranz, M. S., BLANKENSHIP, G. W.
1987; 103 (5): 672-680
- **GEOMETRIC ALTERATIONS PRODUCED BY ENCIRCLING SCLERAL BUCKLES - BIOMETRIC AND CLINICAL CONSIDERATIONS** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
HARRIS, M. J., Blumenkranz, M. S., Wittpenn, J., Levada, A., Brown, R., FRAZIERBYRNE, S.

1987; 7 (1): 14-19

- **SELECTION OF THERAPEUTIC AGENTS FOR INTRAOCULAR PROLIFERATIVE DISEASE .2. DIFFERING ANTIPROLIFERATIVE ACTIVITY OF THE FLUOROPYRIMIDINES** *ARCHIVES OF OPHTHALMOLOGY*
Blumenkranz, M. S., HARTZER, M. K., HAJEK, A. S.
1987; 105 (3): 396-399
- **VARICELLA ZOSTER VIRUS IS A CAUSE OF THE ACUTE RETINAL NECROSIS SYNDROME** *OPHTHALMOLOGY*
Culbertson, W. W., Blumenkranz, M. S., Pepose, J. S., Stewart, J. A., Curtin, V. T.
1986; 93 (5): 559-569
- **RISK-FACTORS IN AGE-RELATED MACULOPATHY COMPLICATED BY CHOROIDAL NEOVASCULARIZATION** *OPHTHALMOLOGY*
Blumenkranz, M. S., Russell, S. R., ROBEY, M. G., KOTTBLUMENKRANZ, R., Penneys, N.
1986; 93 (5): 552-558
- **TREATMENT OF THE ACUTE RETINAL NECROSIS SYNDROME WITH INTRAVENOUS ACYCLOVIR** *OPHTHALMOLOGY*
Blumenkranz, M. S., Culbertson, W. W., Clarkson, J. G., Dix, R.
1986; 93 (3): 296-300
- **FLUID-GAS EXCHANGE AND PHOTOCOAGULATION AFTER VITRECTOMY - INDICATIONS, TECHNIQUE, AND RESULTS** *ARCHIVES OF OPHTHALMOLOGY*
Blumenkranz, M., Gardner, T., Blankenship, G.
1986; 104 (2): 291-296
- **CLEARANCE OF INTRAVITREAL FLUOROURACIL - NORMAL AND APHAKIC VITRECTOMIZED EYES** *OPHTHALMOLOGY*
Jarus, G., Blumenkranz, M., Hernandez, E., SOSSI, N.
1985; 92 (1): 91-96
- **RETINAL-DETACHMENT FOLLOWING THE ACUTE RETINAL NECROSIS SYNDROME** *OPHTHALMOLOGY*
Clarkson, J. G., Blumenkranz, M. S., Culbertson, W. W., Flynn, H. W., Lewis, M. L.
1984; 91 (12): 1665-1668
- **THE LENS CAPSULE AND RUBEOSIS IRIDIS - AN ANGIOGRAPHIC STUDY** *CANADIAN JOURNAL OF OPHTHALMOLOGY-JOURNAL CANADIEN D OPHTALMOLOGIE*
Moffat, K., Blumenkranz, M. S., Hernandez, E.
1984; 19 (3): 130-133
- **SELECTION OF THERAPEUTIC AGENTS FOR INTRAOCULAR PROLIFERATIVE DISEASE - CELL-CULTURE EVALUATION** *ARCHIVES OF OPHTHALMOLOGY*
Blumenkranz, M. S., CLAFLIN, A., HAJEK, A. S.
1984; 102 (4): 598-604
- **5-FLUOROURACIL - NEW APPLICATIONS IN COMPLICATED RETINAL-DETACHMENT FOR AN ESTABLISHED ANTIMETABOLITE** *OPHTHALMOLOGY*
Blumenkranz, M., Hernandez, E., Ophir, A., Norton, E. W., STERN, W. H.
1984; 91 (2): 122-130
- **MULTIFOCAL PIGMENT EPITHELIAL DETACHMENTS BY RETICULUM-CELL SARCOMA - A CHARACTERISTIC FUNDUSCOPIC PICTURE** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Gass, J. D., SEVER, R. J., Grizzard, W. S., Clarkson, J. G., Blumenkranz, M., WIND, C. A., SHUGARMAN, R.
1984; 4 (3): 135-143
- **THE ACUTE RETINAL NECROSIS SYNDROME .1. CLINICAL MANIFESTATIONS** *OPHTHALMOLOGY*
Fisher, J. P., Lewis, M. L., Blumenkranz, M., Culbertson, W. W., Flynn, H. W., Clarkson, J. G., Gass, J. D., Norton, E. W.
1982; 89 (12): 1309-1316
- **THE ACUTE RETINAL NECROSIS SYNDROME .2. HISTOPATHOLOGY AND ETIOLOGY** *OPHTHALMOLOGY*
Culbertson, W. W., Blumenkranz, M. S., Haines, H., Gass, J. D., MITCHELL, K. B., Norton, E. W.
1982; 89 (12): 1317-1325
- **ATYPICAL SERPIGINOUS CHOROIDITIS** *ARCHIVES OF OPHTHALMOLOGY*

Blumenkranz, M. S., Gass, J. D., Clarkson, J. G.
1982; 100 (11): 1773-1775

● **REGRESSION OF DIABETIC RUBEOSIS IRIDIS FOLLOWING SUCCESSFUL SURGICAL REATTACHMENT OF THE RETINA BY VITRECTOMY** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*

SCUDERI, J. J., Blumenkranz, M. S., Blankenship, G.
1982; 2 (4): 193-196

● **FLUOROURACIL FOR THE TREATMENT OF MASSIVE PERIRETINAL PROLIFERATION** *AMERICAN JOURNAL OF OPHTHALMOLOGY*

Blumenkranz, M. S., Ophir, A., CLAFLIN, A. J., Hajek, A.
1982; 94 (4): 458-467

● **EXPERIMENTAL INTRAOCULAR PROLIFERATION AND NEOVASCULARIZATION** *AMERICAN JOURNAL OF OPHTHALMOLOGY*

Ophir, A., Blumenkranz, M. S., CLAFLIN, A. J.
1982; 94 (4): 450-457