



## Mark S. Blumenkranz, MD, MMS

H. J. Smead Professor of Ophthalmology, Emeritus

 Curriculum Vitae available Online

### CLINICAL OFFICES

- **Stanford Byers Eye Institute**

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### ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Mimi Enea - Administrator

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### Bio

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#### 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. He completed his surgical internship and ophthalmic residency training at Stanford and a fellowship in vitreoretinal diseases at the Bascom Palmer Eye Institute where he was appointed a member of the faculty following completion of his training in 1980. In 1985 he founded the Retinal Fellowship Training Program at the William Beaumont Eye Institute in Royal Oak Michigan, and served as the Fellowship Director until 1992. He returned to Stanford in 1992 as head of the vitreoretinal service and was appointed to serve as the Department Chairman in 1997. He served in that capacity until 2015. He completed the Stanford Executive Program at the Graduate School of Business in 2004. 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.

Dr. Blumenkranz 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 is a 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. These studies led to subsequent trials for these agents in glaucoma and proliferative vitreoretinopathy. 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. He was a director and principal trial designer at Oculex Pharmaceuticals for their successful phase 2 Ozurdex study, leading to its acquisition by Allergan in 2003. He served as a co-founder, Director and Chairman of the SAB of Macusight,

an ophthalmic pharmaceutical company developing proprietary mTor inhibitors for ophthalmic disease, which was 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 foundation 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 employing a neuro-modulatory approach to therapy, which was acquired by Allergan in August of 2015. He is a co-founder and serves as a director of Verana Health a digital medicine and health analytics company, BVI Visitec, Executive Chairman of Kedalion Therapeutics, and Managing Director of Lagunita Biosciences LLC.

## **CLINICAL FOCUS**

- Ophthalmology
- Macular and Vitreoretinal Diseases

## **ACADEMIC APPOINTMENTS**

- Emeritus Faculty-Med Ctr 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**

- Fellowship: Bascom Palmer Eye Institute Ophthalmology Training (1980) FL
- Internship: Stanford University - General Surgery (1976) CA
- Residency: Stanford University Ophthalmology Residency (1979) CA
- Residency: Stanford University Ophthalmology Residency (1977) CA
- Board Certification: Ophthalmology, American Board of Ophthalmology (1980)
- Medical Education: Warren Alpert Medical School Brown University (1975) RI
- 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](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](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](https://www.youtube.com/watch?v=T83xNwRli_M&t=184s&spfreload=10)

## Research & Scholarship

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### 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

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### PUBLICATIONS

- **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
- **Evaluating New Ophthalmic Digital Devices for Safety and Effectiveness in the Context of Rapid Technological Development.** *JAMA ophthalmology*  
Bodnar, Z. M., Schuchard, R., Myung, D., Tarver, M. E., Blumenkranz, M. S., Afshari, N. A., Humayun, M. S., Morse, C., Nischal, K., Repka, M. X., Sprunger, D., Trese, M., 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
- **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
- **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
- **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
- **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
  - **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., 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., Cabaal, 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.  
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