



VMR
Institute for
Vitreous
Macula Retina

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CURRICULUM VITAE

NAME: Jerry Sebag
DATE OF BIRTH: June 8, 1951
PLACE OF BIRTH: Tiberias, Israel
NATIONALITY: American

EDUCATION:

1965-69 Bronx High School of Science, New York
1969-73 B.A. Columbia College, in the City of New York
1975-79 M.D. Columbia University College of Physicians and Surgeons, New York

POST-DOCTORAL TRAINING:

Internship: 1979-80 Cedars-Sinai/UCLA, Los Angeles, CA; Internal Medicine
Residency: 1980-83 Clinical Fellow of Ophthalmology, Harvard Medical School
Resident, Mass Eye & Ear Infirmary, Boston, Mass.
Fellowship: 1984-86 Clinical Fellow of Ophthalmology, Harvard Medical School
Vitreoretinal Fellow, Schepens Retina Associates &
Eye Research Institute of Retina Foundation Boston, Mass.

LICENSURE & CERTIFICATION:

1980 Diplomate, National Board of Medical Examiners
1980 California License # G42362
1983 New York License # 154195
1984 Massachusetts License # 52107
1985 Diplomate, American Board of Ophthalmology
1986 Fellow, American Academy of Ophthalmology
1988 Fellow, Royal College of Ophthalmologists (U.K.)
1990 Florida License # ME 0058851
1991 Fellow, American College of Surgeons
2010 Fellow, Association for Research in Vision and Ophthalmology

RESEARCH FELLOWSHIPS & ACADEMIC APPOINTMENTS:

- 1972 Columbia College Research Fellowship, Columbia University, New York, N.Y.
- 1973 Research Associate, Dept. Pathology, College of
Physicians & Surgeons, Columbia University, New York, N.Y.
- 1973-75 Thord-Gray Research Fellow of the American-Scandinavian Foundation
Dept. Medicine, Karolinska Sjukhuset, Stockholm, Sweden
- 1976 Immunology Research Fellowship, Univ. N. M. School of Medicine,
Albuquerque, New Mexico
- 1978-79 Research Associate, Edward S. Harkness Eye Research Institute,
College of Physicians & Surgeons, Columbia University, N.Y.
- 1982-83 Research Associate, Eye Research Institute of Retina Foundation, Boston, Mass.
- 1983-84 Guggenheim Fellow, The John Simon Guggenheim Memorial Foundation,
National Institute of Health & Medical Research (I.N.S.E.R.M.), Paris, France
- 1987-90 Adjunct Clinical Assistant Scientist, Eye Research Institute of Retina
Foundation, Harvard Medical School, Boston, Mass.
- 1990-92 Assistant Clinical Professor of Ophthalmology, Doheny Eye Institute, USC
Los Angeles, California
- 1992-2003 Associate Clinical Professor of Ophthalmology, Doheny Eye Institute, USC
Los Angeles, California
- 2003-14 Professor of Clinical Ophthalmology, Doheny Eye Institute, USC
Los Angeles, California
- 2018 - Senior Research Scientist, Doheny Eye Institute/UCLA
- 2019 - Professor of Clinical Ophthalmology, Geffen School of Medicine, UCLA

Google Scholar H-Index (August, 2020) = 48

PROFESSIONAL SOCIETIES:

- 1975 American Medical Association
- 1978 International Health Evaluation Association
- 1981 Association for Research in Vision & Ophthalmology - member
- 1984 Ophthalmological Society of the United Kingdom
- 1984 La Société Française d'Ophtalmologie
- 1986 American Academy of Ophthalmology - Fellow
- 1987 The Society of Heed Fellows
- 1987 Western Retina Study Club
- 1988 Royal College of Ophthalmologists U.K. - Fellow
- 1988 Schepens International Society - Founding Member
- 1989 The Vitreous Society
- 1990 American Diabetes Association
- 1991 American College of Surgeons - Fellow
- 1992 The Retina Society - Active Member
- 1994 The Club Jules Gonin - Active Member
- 2004 American Society of Retinal Specialists – Active Member
- 2004 Honorary Member, Fondazione G. B. Bietti per lo Studio e la Ricerca in Oftalmologia
- 2006 American Ophthalmological Society – Active Member

PROFESSIONAL ACTIVITIES:

- 1991 - 92 Chairman, Professional Education, American Diabetes Association, O. C.
- 1993 - 95 President, American Diabetes Association, Orange County
- 1993 Co-Chair Western Retina Study Club, Annual Meeting, San Francisco, CA
- 1995 - 97 Member, Board of Directors, American Diabetes Association, California
- 1995 - 99 National Advisory Board, Schepens International Society
- 1995 - Organizing Committee, SPIE Optical Engineering Society Annual Meetings
- 2000 - Board of Directors, Schepens International Society
- 2005 - Editorial Board Member, Graefe's Arch Clin Exp Ophthalmology
- 2012 -16 Program Committee, American Ophthalmological Society (2016 Chairman)

Journal Review

Acta Ophthalmologica Scandinavica	Graefe's Arch Clin Exp Ophthalmol
American Journal of Ophthalmology	New England Journal of Medicine
Archives of Ophthalmology	AAO Ophthalmology
British Journal of Ophthalmology	AAO Ophthalmology Retina
Current Eye Research	Ophthalmic Research
Experimental Eye Research	Retina
Eye (Royal College of Ophthalmologists)	Survey of Ophthalmology
European Journal of Ophthalmology	Clinical & Experimental Ophthalmology (NZ & Australia)
Investigative Ophthalmology and Visual Science - Editorial Board Member (Ad Hoc)	

Grant Review (Ad Hoc)

- National Institutes of Health - Visual Sciences A2 Study Section
- British Medical Council
- The Guide Dogs for the Blind Association, U.K. - Ophthalmic Research Grants

Teaching

1990 - 2001 American Academy of Ophthalmology:

- AAO Course Director, 1990 – 1995: “Vitreous Pathobiology”
- AAO Instructor (invited), Regional Update Course on Laser Therapy, January 1990
- AAO Instructor (by invitation), 1994-1999: “Vitreoretinopathy Update”
- AAO Course Director, 1998-2001: “Pharmacologic Vitreolysis”
- AAO Retina Subspecialty Day Faculty 2001, 2005, 2014, 2016 (by invitation)

1995, '96, '98, '00, '02: Diabetes & the Eye - Symposium Director

Recorded and distributed worldwide by Audio Digest International in 1996

Webcast by Online Journal of Ophthalmology in 2002

1997 Physicians' Online National Computer Network - Ophthalmology '*Facilitator*'

2007 Retinal Physician Symposium (by invitation)

2010, 12 EURETINA Symposium Speaker (by invitation)

2011 European Society of Ophthalmology (SOE)/Am Acad Ophthalmol – Course Director

2013 Columbia University Basic Science Course of Ophthalmology (guest instructor)

2013, 15, 17 European Society of Ophthalmology (SOE) – Symposium Organizer (by invitation)

2016 Sebag J: "Vitreous", in The Biomedical & Life Sciences Collection,
Henry Stewart Talks Ltd, London (online at <https://hstalks.com/bs/3298/>) (by invitation)

2016 Sebag J: "Vitreous floaters", in The Biomedical & Life Sciences Collection,
Henry Stewart Talks Ltd, London (online at <https://hstalks.com/bs/3315/>) (by invitation)

AWARDS & HONORS

- 1973 Thord-Gray Fellowship, American-Scandinavian Foundation
- 1977 AMA-ERF/AMSA Meritorious Research Award, American Federation Clinical Research
- 1978 1st Prize, National Competition on Preventive Medicine, American Health Foundation
- 1979 Doctor Alfred P. Steiner Research Award, Columbia University
- 1979 Titus Munson Coan Prize for Excellence in Research, Columbia College of P & S
- 1979 Edith & Denton McKane Award for Outstanding Research in Ophthalmology, P & S
- 1982 Harvard Medical School - Bicentennial Prize Essay Contest
- 1983 The John Simon Guggenheim Memorial Foundation Fellowship Award
- 1984 The Heed Ophthalmic Foundation Fellowship
- 1984 Lauréat de la Société Française d'Ophtalmologie- 1^{er} Prix Biophysic Medical
- 1984 Frank B. Walsh, M.D. Award, World Meeting of Neuro-Ophthalmology, Belgium
- 1985 Knapp Fellowship, Heed Ophthalmic Foundation
- 1986 The Treacher Collins Prize, Ophthalmological Society of the United Kingdom
- 1994 Honor Award, American Academy of Ophthalmology
- 1998 Humanitarian of the Year Award, Latino Health Access, Orange County, California
- 2000 National Registry of Who's Who, Life Member (#86360)
- 2002 Honor Award, Vitreous Society
- 2004 Honorary Member, Fondazione G. B. Bietti per lo Studio e la Ricerca in Oftalmologia
- 2006 Humanitarian of the Year Award, Latino Health Access, Orange County, California
- 2008 Career Award for Humanitarian Services to the Indigent and Uninsured, LHA, O.C.
- 2010 Fellow, Association for Research in Vision and Ophthalmology (ARVO Silver Award)
- 2010 - 2020 Los Angeles Magazine "Super Doc of Southern California "
- 2014 Physician of Excellence, Orange County Medical Association
- 2015 Membre Honoraire, La Société Française d'Ophtalmologie
- 2018 Senior Career Achievement Award, American Academy of Ophthalmology

INVITED/NAMED LECTURESHIPS

- 1983 Cambridge Ophthalmological Symposium, Cambridge, England
- 1984 VI Congress of the International Society for Eye Research, Alicante, Spain
- 1986 Cambridge Ophthalmological Symposium, Cambridge, England
- 1988 VII^{ième} Congress of the International Society for Eye Research, San Francisco, CA
- 1992 Special Lecturer, Swiss Ophthalmological Society Meeting, Basel, Switzerland
- 1992 Royal College of Ophthalmologists, London, England
- 1994 La Société d'Ophtalmologie Parisienne, Annual Meeting, Paris, France
- 1997 Guest Lecturer, Japanese Retina and Vitreous Society, Asahikawa, Japan
- 1998 Visiting Professor, New York Eye & Ear Infirmary, New York, N.Y.
- 2000 Inaugural *Iain Begg Lecturer*, University of British Columbia, Vancouver, Canada
- 2000 Guest Panelist, American Society of Mechanical Engineers, Boston, Mass
- 2000 Invited Speaker, International Forum on Diabetic Retinopathy, Naples, Italy
- 2000 Visiting Professor, Shanghai Medical University, Shanghai, P.R.C.
- 2000 Guest Lecturer, Great Western Council of Optometry, Portland Oregon
- 2001 Visiting Professor, Kresge Eye Institute, Wayne State University, Detroit, MI
- 2001 Plenary Lecture, International Laser Physics Society, Moscow, Russia
- 2001 *Springer Lecturer*, University of Alabama, Birmingham, AL
- 2001 Cambridge Ophthalmological Symposium, Cambridge, England
- 2002 International Conference on Vitreo-Retinal Diseases, Vienna, Austria
- 2003 Guest Speaker, Rapport de la Société Française d'Ophtalmologie, Paris, France
- 2003 Visiting Professor, University of Bologna, Italy
- 2004 Guest Lecturer, Festschrift honoring Professor Fritz Koerner, University of Bern,
Switzerland, February 2004
- 2004 Guest Speaker, European Vitreo-Retinal Society, Istanbul, Turkey, September 2004
- 2004 Guest Lecturer, Italian Retina Society, Rome, Italy, November 2004
- 2005 Guest Lecturer, Juntendo University, Urayasu, Japan
- 2005 Guest Lecturer, University of Wisconsin, July 2005

- 2005 Guest Speaker, AAO Retina Subspecialty Day Meeting, Chicago
- 2006 Guest Speaker, World Ophthalmology Congress, Sao Paulo, Brasil
- 2007 Vail Vitrectomy, Vail, Colorado (by invitation)
- 2007 Guest Lecturer, Centennial Symposium, Fondazione Bietti, Rome
- 2007 Guest Lecturer, Retinal Physician Symposium, Sanibel, Florida
- 2008 Guest Lecturer, Festschrift honoring Professor Peter Kroll,
Phillips University of Marburg, Germany
- 2009 *LuEsther Mertz Retinal Research Lecture*, Macula Foundation, Manhattan Eye, Ear,
& Throat Hospital and New York University, New York, N.Y.
- 2009 Symposium Chair & Speaker, European Society of Ophthalmology, Amsterdam
- 2009 Symposium Chair & Guest Speaker, 4th International Conference on
Vitreo-Retinal Diseases, Vienna
- 2010 Guest Speaker, Macula de Paris, France
- 2010 Vail Vitrectomy, Vail, Colorado (by invitation)
- 2010 Guest Speaker, Sydney Eye Hospital, University of Sydney, Australia
- 2010 Visiting Professor, Nagoya University, Japan
- 2011 Guest Speaker, Macula de Paris, France
- 2011 Invited Speaker, Vitreous Symposium, EURETINA, London, England
- 2011 Symposium Chair & Speaker, Course Director Combined Meeting of the European
Society of Ophthalmology and the American Academy of Ophthalmology, Geneva
- 2011 Invited Speaker, Retina Society Symposium on Retinal Vein Occlusions.
Combined Meeting of European Society of Ophthalmology and AAO, Geneva
- 2012 Invited Speaker, EURETINA, Milano, Italia
- 2012 Invited Speaker, University of Amsterdam
- 2013 Invited Speaker, Sarasota Vitreo-Retinal Update Course
- 2013 Invited Lecturer, 9th Annual Meeting, Swiss Vitreo-Retinal Group, Zurich
- 2013 Invited Speaker, ARVO Mini-symposium, Seattle
- 2013 Symposium Organizer, European Society of Ophthalmology, Copenhagen
- 2013 Plenary Lecturer, Joint meeting of Japanese Retina and Vitreous Society (52nd meeting)
and Asia-Pacific Vitreo-Retinal Society (8th meeting), Nagoya, Japan

- 2014 EURETINA, London England
- 2015 Visiting Professor, University of California, San Francisco
- 2015 Invited Speaker, Joint Symposium of the Société Française d'Ophthalmologie and the American Ophthalmological Society, Paris, France
- 2016 Vail Vitrectomy, Vail, Colorado (by invitation)
- 2016 Chair, Committee on Programs, American Ophthalmological Society Annual Meeting
- 2016 Sebag J: "Vitreous", in The Biomedical & Life Sciences Collection, Henry Stewart Talks Ltd, London (online at <https://hstalks.com/bs/3298/>) (by invitation)
- 2016 Sebag J: "Vitreous floaters", in The Biomedical & Life Sciences Collection, Henry Stewart Talks Ltd, London (online at <https://hstalks.com/bs/3315/>) (by invitation)
- 2016 Sebag J: Vitrectomy for vitreous opacities. Retina Subspecialty Day, American Academy of Ophthalmology Annual Meeting, Chicago (by invitation)
- 2018 Guest Speaker, MEEI/Harvard Medical School Alumni Meeting (by invitation)
- 2018 Guest Speaker, FWO Research Consortium, University of Ghent, Belgium (by invitation)
- 2019 Inaugural Robert Machemer (Keynote) Lecture, European Society of Ophthalmology (SOE), Nice, France (by invitation)
- 2020 Keynote Speaker, XVI International Congress, Sociedad Argentina de Retina y Vitreo (by invitation)

PATENTS

“Methods for Diagnosing Vitreo-Retinal Disease”

US Patent No. 9,295,448 B2 dated March 29, 2016

“Composition for treatment of vitreous disease or disorder”

University of Gent reference number P2017/049

Publication number WO2020074532 dated April 16, 2020

ORIGINAL REPORTS (Peer Reviewed):

1. Hall P, **Sebag J**: Decision-making in clinical practice and medical research. *Int J Biomed Computing* 5:301, 1974
2. Sebag J, Hall P: Decision-making in clinical practice- application of predictors, indicators and indices to the medical history. *Int J Biomed Computing* 6:167-179, 1975
3. Sebag J, Hall P: Decision making in medical research and clinical practice - theory and methodology of laboratory data evaluation. *Meth of Inform in Med* 14:113-117, 1975
4. Hall P, Axellson G, **Sebag J**: The relationship between work, environment and anamnestic health status. *Scand J Work, Environment, Health* 1:233-242, 1975
5. Hall P, **Sebag J**, Wahlberg T: Prediktorer, indikatorer, och kliniska index. *Läkartidningen* 73:23-97, 1976
6. Sebag J, Reed WP, Williams RC Jr.: The effect of temperature on bacterial killing by serum and polymorphonuclear leukocytes. *Infection & Immunity* 16:947-954, 1977
7. Sebag J: The Diagnosis of Health. First Prize, National Essay Competition. *Preventive Medicine* 8:76-78, 1979
8. Sebag J, Albert DM: Pseudochalazion due to hard contact lens embedding in the upper lid. *Ophthalmic Surgery* 13:634-636, 1982
9. Sadun AA, **Sebag J**, Bienfang DC: Complete bilateral internal carotid artery occlusion in a young man. *J Clin Neuro-Ophthalmol* 3:63-66, 1983
10. Sebag J, Sadun AA: Aberrant regeneration of the oculomotor nerve to the iris sphincter following penetrating orbital trauma. *Arch Neurol* 40:762-764, 1983
11. Wang WJ, Li CX, **Sebag J**, Ni C: Orbital fistula - causes and treatment of twenty cases. *Arch Ophthalmol* 101: 1721-1723, 1983
12. Chess J, **Sebag J**, Tolentino FI, Schepens CL, Calderone JP, Coughlin-Wilkinson E, Albert DM: Pathologic processing of vitrectomy specimens. *Ophthalmology* 90:1560-1564, 1983
13. Sinks LF, Gang DL, **Sebag J**, Chapman P, Thruman JL, Weber AL: Case records of the Massachusetts General Hospital. *N Engl J Med* 310:642-649, 1984
14. Sebag J, Balazs EA: Pathogenesis of C.M.E. - Anatomic considerations of vitreo-retinal adhesions. *Surv Ophthalmol* 28 (Suppl):493-498, 1984
15. Sebag J, Albert DM, Craft JL: The Alström Syndrome - Ocular histopathology and retinal ultrastructure. *Br J Ophthalmol* 68:494-501, 1984
16. Weiter JJ, Szyfelbein WM, Mark EJ, D'Amico DJ, **Sebag J**, Putschar WGJ: Case records of the Massachusetts General Hospital. Weekly CPC exercises. Case 33-1985. Bilateral uveal disorder unresponsive to corticosteroid therapy. *N Engl J Med* 313(7):436-443, 1985
17. Sebag J, Chapman P, Thruman J, Riemersma K: Giant cell granuloma of the orbit with intracranial extension. *Neurosurgery* 16:75-81, 1985

18. Sebag J, Balazs EA: Human vitreous fibres & vitreo-retinal disease. *Trans Ophthalmol Soc UK* 104:123-8,1985
19. Sebag J: La structure fibreuse du corps vitré humain. *Bull et Mem Soc Française d'Ophtalmol* 96:395-397, 1985
20. Sebag J, Feke GT, Delori FC, et al: Anterior optic nerve blood flow in experimental optic atrophy. *Invest Ophthalmol Vis Sci* 26:1415-1422, 1985
21. Sebag J, Thomas JV, Epstein DI, Grant WM: Optic disc cupping in arteritic ischemic optic neuropathy resembles glaucomatous cupping. *Ophthalmology* 93:357-361, 1986
22. Sebag J, Delori F, Feke G, et al: Anterior optic nerve blood flow decreases in clinical neurogenic optic atrophy. *Ophthalmology* 93:858-865, 1986
23. Petroustos G, **Sebag J**, Courtois Y: Epidermal growth factor increases tensile strength during wound healing. *Ophthalmic Research* 18:299-300, 1986
24. Sebag J, Shillito J, Robb RM: Transorbital penetrating injuries to the frontal lobe. *Ophthalmic Surgery* 17:631-634, 1986
25. Sebag J, Chauvaud D, Faure JP, Thuyen V, Pouliquen Y: L'origine des proteines du liquid sous-rétinien. *Bull et Mem Soc Française d'Ophtalmol* 97:138-139, 1987
26. Sebag J: Age-related changes in human vitreous structure. *Graefe's Arch Clin Exp Ophthalmol* 225:89-93, 1987
27. Ueno N, **Sebag J**, Hirokawa H, Chakrabarti B: Effects of visible-light irradiation on vitreous structure in the presence of a photosensitizer. *Exp Eye Res* 44:863-870, 1987
28. Sebag J, Thuyen V, Faure JP, Chauvaud D, Pouliquen Y: Retinal S-antigen in human sub-retinal fluid. *Invest Ophthalmol & Vis Sci* 28:2038-2041, 1987
29. Feke GT, Tagawa H, Deupree DM, Goger DG, **Sebag J**, et al: Blood flow in the normal human retina. *Invest Ophthalmol Vis Sci* 30:58-65, 1989
30. Sebag J, Delori FC, Feke GT: Effects of inner retinal degeneration on blood flow and oxygen saturation in humans. *Arch Ophthalmol* 107:222-226, 1989
31. Pankratov MM, **Sebag J**, Melgen S: A step-zoom probe for laser endophotocoagulation - histopathology of retinal lesions. *Lasers and Light in Ophthalmology* 2:243-248, 1989
32. Sebag J, Balazs EA: Morphology and ultrastructure of human vitreous fibers. *Invest Ophthalmol Vis Sci* 30:1867-71, 1989
33. Sebag J, Buzney SM, Belyea DA, et al: Posterior vitreous detachment following panretinal laser photocoagulation. *Graefe's Arch Clin Exp Ophthalmol* 228:5-8, 1990
34. Sebag J: Age-related differences in the human vitreo-retinal interface. *Arch Ophthalmol* 109:966-71, 1991
35. Sebag J, Buckingham B, Charles MA, Reiser K: Biochemical abnormalities in vitreous of humans with proliferative diabetic retinopathy. *Arch Ophthalmol* 110:1472-79, 1992
36. Sebag J, Tang M: Pneumatic retinopexy using only air. *Retina* 13:8-12, 1993
37. Sebag J: Abnormalities of human vitreous structure in diabetes. *Graefe's Arch Clin Exp Ophthalmol* 231:257-260, 1993

38. Sebag J, Tang M, Brown S, Sadun AA, Charles MA: Effects of pentoxifylline on ocular blood flow in diabetic retinopathy. *Angiology* 45:429-433, 1994
39. Sebag J, Nie S, Reiser KA, Charles MA, Yu NT: Raman spectroscopy of human vitreous in proliferative diabetic retinopathy. *Invest Ophthalmol Vis Sci* 35:2976-2980, 1994
40. Frambach DA, **Sebag J**, Lawton TA, Sadun AA: A system to measure contrast sensitivity with a scanning laser ophthalmoscope. *Ophthalmic Technol IV, SPIE* 2126:154-160, 1994
41. Elias AN, Pandian MR, Naqvi F, **Sebag J**, Charles MA, Gwinup G: Relationship between prorenin, IGF-I, IGF-binding proteins and retinopathy in diabetic patients. *Gen Pharmacol* 27:329-332, 1996
42. Lawton TA, **Sebag J**, Sadun AA, Castleman KR: Image enhancement improves reading performance in age-related macular degeneration patients. *Vision Res* 38:153-162, 1998
43. Sebag J, Ansari RR, Dunker S, Suh SI: Dynamic light scattering of diabetic vitreopathy. *Diabetes Technology & Therapeutics* 1:169-176, 1999
44. Sebag J, Kitaya N, Ansari RR, Karagoezian H, Yoshida A: Preliminary findings using dynamic light scattering to study vitreous effects of Pharmacologic Vitreolysis. *Proc SPIE Vol 3908:69-77*, 2000
45. Ansari RR, Dunker S, Suh K, Kitaya N, **Sebag J**: Quantitative molecular characterization of bovine vitreous and lens with non-invasive dynamic light scattering. *Exp Eye Res* 73:859-866, 2001
46. Dunker S, Sadun AA, **Sebag J**: Neuron-specific enolase in retinal detachment. *Curr Eye Res* 23:382-385, 2001
47. Dunker S, Hsu H, **Sebag J**, Sadun AA: Posterior ischemic optic neuropathy. *J Am Coll Surg* 194:705-10, 2002
48. Sebag J: Anomalous PVD – a unifying concept in vitreo-retinal diseases. *Graefe's Arch Clin Exp Ophthalmol* 242:690-698, 2004
49. Sebag J: Molecular biology of pharmacologic vitreolysis. *Trans Am Ophthalmol Soc* 103:473-494, 2005
50. The PKC-DRS Study Group: The effect of ruboxistaurin on visual loss in patients with moderately severe to very severe non-proliferative diabetic retinopathy: initial results of the Protein Kinase C beta Inhibitor Diabetic Retinopathy Study (PKC-DRS) multicenter randomized clinical trial. *Diabetes* 54:2188-97, 2005
51. Sebag J, Gupta P, Rosen R, Garcia P, Sadun AA: Macular holes and macular pucker: The role of vitreoschisis as imaged by optical coherence tomography/scanning laser ophthalmoscopy. *Trans Am Ophthalmol Soc* 105:121-131, 2007
52. Sebag J, Ansari RR, Suh KI: Pharmacologic vitreolysis with microplasmin increases vitreous diffusion coefficients. *Graefe's Arch Clin Exp Ophthalmol* 245(4):576-80, 2007
53. Krebs I, Brannath W, Glittenberg K, Zeiler F, **Sebag J**, Binder S: Posterior vitreo-macular adhesion: a potential risk factor for exudative age-related macular degeneration. *Am J Ophthalmol* 144:741-746, 2007
54. Gupta P, Sadun AA, **Sebag J**: Multifocal retinal contraction in macular pucker analyzed by combined optical coherence tomography/scanning laser ophthalmoscopy. *Retina* 28:447-452, 2008
55. Kim JK, Hayden AM, Sadun EA, **Sebag J**, Sadun AA: Response pattern asymmetry of binocular vision vertical fusion amplitudes in a normal population. *Binocul Vis Strabismus Q* 23:23-30, 2008

56. Jivrajka R V, Kim J K, Fink W, Sadun AA, **Sebag J**: Quantitative analysis of central visual field defects in macular edema using three-dimensional computer-automated threshold Amsler grid testing. *Graefe's Arch Clin Exp Ophthalmol* 247:165-70, 2009
57. Wang MY, Nguyen D, Hindoyan N, Sadun AA, **Sebag J**: Vitreo-papillary adhesion in macular hole and macular pucker. *Retina* 29:644-50, 2009
58. Robison C, Krebs I, Binder S, Barbazetto IA, Kostolis AI, Yannuzzi LA, Sadun AA, **Sebag J**: Vitreo-macular adhesion in active and end-stage age-related macular degeneration. *Am J Ophthalmol* 148:79-82, 2009
59. Emoto H, Emoto Y, Lim JI, Sadun AA, **Sebag J**: Regression of choroidal neovascularization following vitrectomy for post-injection endophthalmitis. *Retinal Cases and Brief Reports* 4:312-316, 2010
60. Gupta P, Yee KMP, Garcia P, Rosen RB, Parikh J, Hageman GS, Sadun AA, **Sebag J**: Vitreoschisis in macular diseases. *Brit J Ophthalmol* 95(3):376-80, 2011
61. Robison CD, Jivrajka RV, Bababegy SR, Fink W, Sadun AA, **Sebag J**: Distinguishing wet from dry age-related macular degeneration using three-dimensional computer-automated threshold Amsler grid testing. *Brit J Ophthalmol* 95(10):1419-23, 2011
62. Yee KM, **Sebag J**: Long-term results of office-based pneumatic retinopexy using pure air. *Brit J Ophthalmol* 95(12):1728-30, 2011
63. Yee K, Ross-Cisneros F, Lee J, Bastos daRosa A, Salomao S, Berezovsky A, Belfort R, Cicani F, Morales-Filho M, **Sebag J**, Carelli V, Sadun A: Neuron specific enolase is elevated in asymptomatic carriers of Leber's Hereditary Optic Neuropathy. *Invest Ophthalmol Vis Sci* 53(10):6389-92, 2012
64. Tozer K, Fink W, Sadun AA, **Sebag J**: Prospective three-dimensional analysis of structure and function in vitreo-macular adhesion treated by pharmacologic vitreolysis. *Ret Cases & Brief Rep* 7: 57-61, 2013
65. Stalmans P, Duker JS, Kaiser PK, Heier JS, Dugel PU, Gandorfer A, **Sebag J**, Haller JA: OCT-based interpretation of the vitreomacular interface and indications for pharmacologic vitreolysis. *Retina* 33(10):2003-11, 2013
66. Duker J, Kaiser PK, Binder S, deSmet MD, Gaudric A, Reichel E, Sadda S, **Sebag J**, Spaide RF, Stalmans P: The International Vitreomacular Traction Study Group classification of vitreomacular adhesion, traction, and macular hole. *Ophthalmology* 120(12):2611-9, 2013
67. Sebag J, Yee, KMP, Huang L, Wa C, Sadun AA: Vitrectomy for floaters – prospective efficacy analyses and retrospective safety profile. *Retina* 34:1062-68, 2014
68. Pan BX, Yee MKP, Ross-Cisneros FN, Sadun AA, **Sebag J**: Inner retinal optic neuropathy: vitreo-macular surgery-associated disruption of the inner retina. *Invest Ophthalmol Vis Sci* 55(10):6756-64, 2014
69. Mamou J, Wa CA, Yee KM, Silverman RH, Ketterling JA, Sadun AA, **Sebag J**: Ultrasound-based quantification of vitreous floaters correlates with contrast sensitivity and quality of life. *Invest Ophthalmol Vis Sci* 56:1611–1617, 2015 [https://doi:10.1167/iovs.14-15414](https://doi.org/10.1167/iovs.14-15414)
70. Carbonelli M, Savini G, Cascavilla M, Borrelli E, Chican C, Salomao S, Parisi V, **Sebag J**, Bandello F, Sadun A, Carelli V, Barboni P: Macular microcysts in mitochondrial optic neuropathies: prevalence and retinal layer thickness measurements. *PLoS One* 10(6):e0127906, 2015 [https://doi: 10.1371/journal.pone.0127906](https://doi.org/10.1371/journal.pone.0127906).
71. Yee KMP, Feener E, Madigan M, Jackson NJ, Gao BB, Ross Cisneros F, Provis J, Aiello LP, Sadun AA, **Sebag J**: Proteomic analysis of the embryonic and young human vitreous. *Invest Ophthalmol Vis Sci* 56(12):7036-42, 2015 [https://doi: 10.1167/iovs.15-16809](https://doi.org/10.1167/iovs.15-16809).

72. Nguyen J, Yee KMP, Sadun AA, **Sebag J**: Quantifying visual dysfunction and the response to surgery in macular pucker. *Ophthalmology* 123:1500-10, 2016
73. Garcia G, Khoshnevis M, Yee KM, Nguyen-Cuu J, Nguyen JH, **Sebag J**: Degradation of contrast sensitivity following posterior vitreous detachment. *Am J Ophthalmol* 172:7-12, 2016
[https://doi: 10.1016/j.ajo.2016.09.005](https://doi.org/10.1016/j.ajo.2016.09.005)
74. Khoshnevis M, Nguyen-Cuu J, **Sebag J**: Floaters and reduced contrast sensitivity after successful pharmacologic vitreolysis with ocriplasmin. *AJO Case Reports* 4:54-6, 2016
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ABSTRACTS AND PRESENTATIONS

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