

VMR
Institute for Vitreous
Macula Retina

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J. Sebag, MD, FACS, FRCOphth, FARVO, Founding Director

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
Vitreous-Retinal 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.) - FRCOphth
1990 Florida License # ME 0058851
1991 Fellow, American College of Surgeons - FACS

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 (March, 2022)

h-index = 51

i10-index = 123

Total Citations = 10,423

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
- 2010 Association for Research in Vision and Ophthalmology (ARVO) – Silver Fellow

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 - 19 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 Scandinavica Ophthalmica	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, 2022 (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 - 2022 Los Angeles Magazine "Super Doc of Southern California", as chosen by his peers
- 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
- 2022 International Retina Hall of Fame

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
- 2004 Guest Speaker, European Vitreo-Retinal Society, Istanbul, Turkey
- 2004 Guest Lecturer, Italian Retina Society, Rome, Italy
- 2005 Guest Lecturer, Juntendo University, Urayasu, Japan
- 2005 Guest Lecturer, University of Wisconsin, Madison, WI
- 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 (by invitation)
- 2015 Visiting Professor, University of California, San Francisco
- 2015 Invited Speaker, Joint Symposium Société Française d'Ophtalmologie and 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)
- 2021 Invited Speaker, Cutting Edge Vitreo-Retinal Meeting 2021, ALCON Experience Academy, England
- 2021 Guest Speaker, Annual Meeting of the German Ophthalmological Society, September 30, 2021
- 2021 Co-Chair, Hyalocyte Symposium, German Ophthalmological Society, September 30, 2021
- 2021 Invited Speaker, EURETINA, September 2021
- 2021 Invited Speaker, American Academy of Ophthalmology, Retina Sub-Specialty Day, November 2021
- 2022 Physician of Excellence, Orange County Medical Association

GRANTS

- 1990 Juvenile Diabetes Foundation – Biochemistry of Diabetic Vitreopathy
- 2021-23 NIH/NBIB AIP R01 – Imaging Vitreous in Myopic Vitreopathy

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

United States Patent Application Publication No. US 2021/0338595 A1 DE SMEDT et al. Pub. Date: Nov 4, 2021

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 Alstrom 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'Ophthalmol* 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.

23. Petroutsos 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'Ophthalmol* 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,

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* 42:690-698, 2004 <https://link.springer.com/10.1007/s00417-004-0980-1>
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 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* 45(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* 47:165-70, 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, Bababeygy 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 doi: 10.1136/bjo.2010.194886.
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 <https://pubmed.ncbi.nlm.nih.gov/24296397/>
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.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>
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ABSTRACTS AND PRESENTATIONS

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135. Sebag J, Ansari RR, Suh KI: *Molecular Effects of Microplasmin Pharmacologic Vitreolysis*. Invest Ophthalmol Vis Sci (ARVO) 2004.
136. Sebag J: *Diabetic Vitreopathy & Role of Vitreous in Retinopathy*. European Vitreo-Retinal Society, Istanbul, Turkey, Sept. 2004 (by invitation)
137. Sebag J: *Anomalous PVD – a unifying concept in vitreo-retinal diseases*. Italian Retina Society annual meeting, November 2004 (by invitation)
138. Sebag J: *Pharmacologic vitreolysis*. Juntendo University, Urayasu, Japan, 2005 (by invitation)
139. Sebag J: *Diabetic vitreopathy and role in proliferative diabetic vitreo-retinopathy*. Chiba University, Chiba, Japan, April 4, 2005 (by invitation)
140. Sebag J: *Anomalous PVD – a unifying concept in vitreo-retinal diseases*. Schepens International Society, Vancouver, B.C., June 2005 (by invitation)
141. Sebag J: *Diabetic vitreopathy and role in diabetic retinopathy – implications for pharmacologic vitreolysis*. University of Wisconsin, July 2005 (by invitation)
142. Sebag J: *Potential for pharmacologic vitreolysis in treating anomalous PVD*.

143. Sebag J: *Pharmacologic vitreolysis*. Emerging Treatments in Vitreo-Retinal Surgery. World Ophthalmology Congress, Sao Paulo, Brasil, February 2006 (by invitation)
144. Sebag J: *Pharmacologic vitreolysis in the management of diabetic retinopathy*. The Retina Society Symposium on Diabetic Retinopathy. World Ophthalmology Congress, Sao Paulo, Brasil, February 2006 (by invitation)
145. Sebag J: Molecular biology of pharmacologic vitreolysis. Am J Ophthalmol 141:792, 2006
146. Sebag J, R Rosen, P Garcia, S Christofferson, R Freda: *Coronal plane imaging with combined OCT/SLO detects macular pucker in macular holes*. Joint Meeting of the Club Jules Gonin and The Retina Society, Capetown, SA, October 2006.
147. Freda R, Christofferson S, Yee KMP, **Sebag J**: *Multi-focal retinal contraction in premacular membranes* Joint Meeting of the AAO & the Pan-American Association of Ophthalmology, Las Vegas, 2006.
148. Kim JK, Hayden AM, **Sebag J**, Sadun AA: *Vertical Vergence Amplitudes in a normal adult population*. Invest Ophthalmol Vis Sci (ARVO) 2007
149. Jivrajka RV, Younessi D, Fink W, Sadun AA, **Sebag J**: *Quantitative analysis of central visual field defects using 3D threshold Amsler grid test in patients with macular edema*. Invest Ophthalmol Vis Sci (ARVO) 2007.
150. Gupta P, Christofferson S, Sadun AA, **Sebag J**: *Quantitative analysis of premacular membranes with pucker using scanning laser ophthalmoscope/optical coherence tomography (SLO-OCT) imaging*. Invest Ophthalmol Vis Sci (ARVO) 2007.
151. Sebag J, Gupta P, Garcia P, Rosen RR, Sadun AA: *Coronal and transverse plane imaging of macular holes and macular pucker with combined SLO – OCT*. American Ophthalmological Society Annual Meeting, Greenbrier, WV, 2007.
152. Gupta P, Rosen R, Garcia P, Sadun AA, **Sebag J**: *Vitreoschisis in macular holes and macular pucker*. Annual Meeting of the American Academy of Ophthalmology, 2007.
153. Sebag J, Gupta P, Chang J, Rosen R, Garcia P, Sadun AA: *Novel perspectives on vitreo-maculopathies revealed by combined OCT-SLO Imaging*. SPIE Optical Engineering Symposium – Photonics West, San Jose, February 2008
154. Sebag J: *Changing concepts in ocular health and disease - a paradigm for the evolution of medicine through technology*. University of Texas Houston, School of Health Information Science, April 2008. (by invitation)
155. Sebag J: *Anomalous PVD and Vitreoschisis*. 11th Vitreo-Retinal Symposium, Phillips University, Marburg Germany, May 2008. (by invitation)
156. Sebag J: *Vitreoschisis in macular holes and macular pucker*. The Retina Society, Scottsdale, 2008.
157. Robison CD, Jivraaka RV, Bsababegy SR, Fink W, Sadun AA, **Sebag J**: *Distinguishing dry vs. wet AMD with 3-D computer-automated threshold Amsler grid test*. Invest Ophthalmol Vis Sci (ARVO) 2009 50:E-abstract 257.
158. Nguyen, Emoto Y, Emoto H, Wang M, Zavora T, Avakian A, Levendowski D, Aargawal D, **Sebag J**, Sadun AA: *Assessment of sleep apnea in NAION patients*. Invest Ophthalmol Vis Sci (ARVO) 50: 4024, 2009.

159. Sebag J: *Advanced fundus imaging of vitreo-maculopathies with optical coherence tomography and scanning laser ophthalmoscopy*. American Ophthalmological Society, Half Moon Bay, May, 2009
160. Sebag J: *Vitreous Pathobiology and Anomalous PVD*.
4th International Conference on Vitreo-Retinal Diseases, Vienna, September, 2009 (by invitation)
161. Sebag J: *The role of vitreous in Age-Related Macular Degeneration – therapeutic strategies*.
Fourth International Symposium on Macula de Paris, Paris, January 2010 (by invitation)
162. Sebag J: *Vitreoschisis in Macular Diseases – a possible cause of failed surgery*.
Vail Vitrectomy, Vail Colorado, March 2010 (by invitation)
163. Sebag J, Madigan M, Feener E, Niemeyer M, Gao B, Aiello LP, Sadun AA:
Vitreous Proteins During the Second Trimester of Human Embryogenesis.
Invest Ophthalmol Vis Sci 2010 (ARVO)
164. Feener EP, Madigan MC, Provis JM, Gao B, Sadun AA, Aiello LP, **Sebag J**: *Comparative Proteome Analysis of the Developing and Adult Human Vitreous*.
Invest Ophthalmol Vis Sci 2010 (ARVO)
165. Nguyen D, Emoto Y, Emoto H, **Sebag J**, Wang MY, Levendowski D, Scarfeo D, Westbrook P, Sadun AA:
Obstructive Sleep Apnea is an Independent Risk Factor for Non-Arteritic Ischemic Optic Neuropathy.
Invest Ophthalmol Vis Sci 2010 (ARVO)
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Quantifying the effects of macular pucker vitrectomy surgery on macular structure and function.
Invest Ophthalmol Vis Sci 2010 (ARVO)
167. Robison C, Wang MY, Cuzzo LM, Niemeyer M, Fink W, Sadun AA, **Sebag J**: *Quantitative correlation of macular structure (OCT-SLO) with Function using 3-D computerized threshold Amsler grid in age-related macular degeneration and macular pucker*. Invest Ophthalmol Vis Sci 2010 (ARVO)
168. Sebag J, Wang M, Gupta P, Hageman G, Sadun, AA: *Pathogenesis of Macular Holes and Macular Pucker*.
Club Jules Gonin, Kyoto, Japan, November 2010
169. Sebag J: *Vitreous in AMD*. Macula de Paris, January 2011 (by invitation).
170. Yee KM, Ross-Cisneros F, Ballard BN, Madigan MC, Provis JM, Aiello LP, Sadun AA, **Sebag J**:
Immunohistochemistry of Human Embryonic Vitreous.
Invest Ophthalmol Vis Sci (ARVO) 4106/A281, 2011
171. Ahmed KA, Tozer KR, Robison CR, Wang M, Fink W, Sadun AA, **Sebag J**: *Macular dysfunction and structure in macular pucker with good visual acuity*. Invest Ophthalmol Vis Sci (ARVO) 6627, 2011
172. Sebag J, Yee KMP, Madigan M, Aiello LP, Provis J, Sadun AA: *Vitreomics of the human embryo*.
American Ophthalmological Society, Dana Point, California, May 2011
173. Sebag J: *Vitreous structure, function, & pathobiology*. EURETINA, London, 2011 (by invitation).
174. Sebag J: *Anomalous PVD and surgery for macular holes and macular pucker*.
Combined Meeting of the European Society of Ophthalmology and the American Academy of Ophthalmology, Geneva, June 4, 2011 (by invitation)
175. Sebag J: *Pharmacologic vitreolysis for vitreo-maculopathies*.
Combined Meeting of the European Society of Ophthalmology and the American Academy of Ophthalmology, Geneva, June 4, 2011 (by invitation)

176. Sebag J: *Vitreous structure, function and anomalous PVD*. Combined Meeting of the European Society of Ophthalmology and the American Academy of Ophthalmology, Geneva, June 4, 2011 (by invitation)
177. Sebag J: *New therapeutic avenues for retinal vein occlusions: insights from studies of hyaloid vessel regression during human embryogenesis*. Retina Society Symposium, Combined Meeting of European Society of Ophthalmology and AAO, Geneva, 2011 (by invitation)
178. Tozer KR, Yee K, Fink W, Sadun AA, **Sebag J**: *3D-threshold amsler grid testing predicts IS/OS junction disruption in macular pucker*. Annual meeting Am Acad of Ophthalmol, Orlando, October 2011
179. Sebag J, Yee KM, Madigan M, Aiello LP, Sadun AA: *Bioinformatic analysis of embryonic human vitreous*. Invest Ophthalmol Vis Sci (ARVO), 2012.
180. Chu ER, Ballard BN, Yee KM, Ross-Cisneros FN, Madigan MC, LeGoff MM, Bishop PN, Sadun AA, **Sebag J**: *Localization of opticin in fetal human eyes*. Invest Ophthalmol Vis Sci 53(14):4927, 2012
181. Yee KM, Pan BX, Ross-Cisneros FN, Chu E, Sadun AA, **Sebag J**: *Immunohistochemistry detects inner retina in excised membranes from vitreo-maculopathies with poor post-operative vision*. Invest Ophthalmol Vis Sci 53 (14):2752, 2012
182. Sebag J: *Vitreous structure, aging, and the role of Anomalous PVD in retinal disease*. EURETINA 2012, Milano, Italia (by invitation)
183. Sebag J: *The safety and efficacy of vitrectomy for floaters*. University of Amsterdam, 2012 (by invitation)
184. Sebag J: *Ocriplasmin Pharmacologic Vitreolysis*. La Société Française d’Ophtalmologie, Paris, May 2013
185. Wa C, Yee K, Huang L, Sadun A, **Sebag J**: *Long-term safety and efficacy of vitrectomy for vitreous floaters*. Invest Ophthalmol Vis Sci 54(15):2142, 2013
186. Yee K, Huang L, Wa C, Sadun A, **Sebag J**: *Prospective study of vitrectomy for floaters – improvement in contrast sensitivity and standardized VFQ testing*. Invest Ophthalmol Vis Sci 54(15):2143, 2013
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188. Sebag J: *Medical management of anomalous PVD: Ocriplasmin pharmacologic vitreolysis of vitreo-macular traction and macular holes*. European Society Ophthalmol, Copenhagen 2013 (by invitation)
189. Sebag J: *Pharmacologic Vitreolysis – the dawning of a new era in treating vitreo-maculopathies*. Sud Rétine, Monte Carlo, June 2013 (by invitation)
190. Sebag J: *Vitrectomy for floaters - Prospective efficacy analyses and retrospective safety profile*. Retina Society, Beverly Hills, California September 2013.
191. Sebag J: *Pharmacologic Vitreolysis*. Plenary Lecture. 52nd Meeting of the Japanese Retina-Vitreous Society with 8th Meeting of Asia-Pacific Vitreo-Retinal Society. Nagoya, Japan, 2013 (by invitation)
192. Wa CA, Yee KMP, Mamou, J, Silverman R, Gale J, Ganti A, Ketterling J, Sadun AA, **Sebag J**: *Quantitative ultrasonography of vitreous correlates with contrast sensitivity in patients with floaters*. Invest Ophthalmol Vis Sci 55(13):5857, 2014
193. Yee KMP, Wa C, Nguyen J, Tan HS, Oberstein Sarit YL, Filas B, Shui YB, Beebe D, Sadun AA, **Sebag J**: *Reducing post-vitrectomy cataracts*. Invest Ophthalmol Vis Sci 55 (13): 2205, 2014
194. Nguyen J, Yee KMP, Wa C, Sadun AA, **Sebag J**: *Macular pucker lowers contrast sensitivity which*

improves after surgery. Invest Ophthalmol Vis Sci 55(13):313, 2014

195. Sebag J: *Bothersome floaters reduce contrast sensitivity, which is normalized by limited vitrectomy with no complications to date and minimal cataract formation.*
American Society of Retinal Specialists Annual Meeting, San Diego, August 2014
196. Sebag J: *Vitreous structure and the influence of anomalous PVD on retinal disease.*
EURETINA, London, September 2014 (by invitation)
197. Nguyen J, Yee KMP, Wa C, Sadun AA, **Sebag J**: *3D-Threshold Amsler Grid quantification of distortions in macular pucker & vitreo-macular traction*
American Academy Ophthalmology Annual Meeting, Chicago, October 2014
198. Sebag J, Yee KMP, Wa C, Sadun AA: *Vitrectomy for floaters normalizes contrast sensitivity.*
Ophthalmology (AAO Annual Meeting), Chicago, October 2014
199. Sampathkumar A, **Sebag J**, Ketterling JA: *Optical characterization of vitreous structure in health and disease.* Proc. SPIE 9307, Ophthalmic Technologies XXV, 930714
<https://doi.org/10.1117/12.2080543>
200. Sebag J: *Les corps flottants.* La Société Française d'Ophtalmologie, Paris, May 2015 (by invitation)
201. Sampathkumar A, Khoshnevis M, Ketterling JA, Sadun AA, **Sebag J**: *Optical characterization of vitreous with Multi-Wavelength Photon Correlation Spectroscopy (MWPCS).*
Invest Ophthalmol Vis Sci 56 (7):384, 2015
202. Yee KM, Mamou J, Silverman RH, Nguyen J, Ketterling JA, **Sebag J**: *Quantitative ultrasound correlates with contrast sensitivity and visual acuity.* Invest Ophthalmol Vis Sci 56 (7): 4366, 2015
203. Khoshnevis M, Ross-Cisneros FN, Schuniman M, Sadun AA, **Sebag J**: *Hyalocytes in Macular Hole and Macular Pucker.* Invest Ophthalmol Vis Sci 56 (7):4326, 2015
204. Sebag J: *Diabetes and the Eye.* Grand Rounds, Hoag Hospital, Newport Beach, CA November 20, 2015
205. Sebag J: *Vitrectomy for Floaters.* Vail Vitrectomy February, 2016 (by invitation)
206. Nguyen J, Yee K, Garcia G, Sadun AA, **Sebag J**: *Quantifying vision beyond visual acuity in Macular Holes,* Invest Ophthalmol Vis Sci 57(12):1085, 2016
207. Garcia G, Yee K, Nguyen-Cuu J, Nguyen J, Mamou J, Ketterling J, Silverman R, Sadun AA, **Sebag J**: *Effects of age and vitreous structure on contrast sensitivity.*
Invest Ophthalmol Vis Sci 57(12):1669, 2016
208. Yee K, Mamou J, Ketterling J, Nguyen J, Silverman R H, **Sebag J**: *Defining clinically significant vitreous floaters with objective quantitative measures of vitreous structure and visual function.*
Invest Ophthalmol Vis Sci 57(12):1718, 2016
209. Khoshnevis M, Sampathkumar A, Garcia, GA, **Sebag J**: *Optical sensing of molecular structure in vitreous of patients with decreased contrast sensitivity.* Invest Ophthalmol Vis Sci 57(12):3198, 2016
210. Sebag J: *Vitreous floaters.* Club Jules Gonin, Bordeaux; July 2016
211. Sebag J: *Innovations in Ophthalmology.* Grand Rounds, St. Joseph Hospital, Orange, CA September 9, 2016
212. Sebag J: *Effects of Age, Ganglion Cell Complex, and Vitreous on Contrast Sensitivity.*
Annual Meeting of The Retina Society, San Diego; September 2016
213. Sebag J: *Vitrectomy for Vitreous Opacities.* AAO Retina Subspecialty Day (by invitation)

214. Kershaw K, Nguyen D, Yee K M, Nguyen J, Harrington M, **Sebag J**: *Dynamic Light Scattering of Vitreous in Patients with Vitreous Floaters Compared to Macular Pucker*. SPIE Optical Engineering Society, San Francisco; January 2017
215. Nguyen-Cuu J, Nguyen E, Yee KMP, Nguyen J, **Sebag J**: *Self-administered questionnaires correlate with visual function and vitreous structure in patients with vitreous floaters*. Invest Ophthalmol Vis Sci 58(8):1346, 2017
216. Nguyen JH, Yee KMP, Nguyen-Cuu J, **Sebag J**: *Vitreous structure and visual function in myopic vitreopathy and posterior vitreous detachment*. Invest Ophthalmol Vis Sci 58(8):5485, 2017
217. Yee KMP, Mamou J, Nguyen JH, Ketterling J, Silverman RH, **Sebag J**: *Functional and structural effects of Nd:YAG laser for vitreous floaters*. Invest Ophthalmol Vis Sci 58(8):5980, 2017
218. Kershaw K, Nguyen D, Yee KM, Nguyen JH, Harrington M, **Sebag J**: *Dynamic light scattering of vitreous in patients with vitreous floaters compared to macular pucker*. Invest Ophthalmol Vis Sci 58(8):4829, 2017
219. Sebag J: *Vitreous Pathology and Macular Diseases*. Schepens Society International Society Symposium, European Ophthalmology Society (SOE), Barcelona, Spain; June 2017 (by invitation)
220. Sebag J: *Vitreous floaters and Vision Degrading Myodesopsia*. 50th Annual Meeting, The Retina Society, Boston, MA; October, 2017
221. Sebag J: *Vision Degrading Myodesopsia*. Annual Congress American College of Surgeons, San Diego, CA, October, 2017
222. Nguyen-Cuu J, Nguyen J, Yee K M, Mamou J, Silverman R, Ketterling J, **Sebag J**: *Nd:YAG effects on vitreous in patients with Vision Degrading Myodesopsia*. Invest Ophthalmol Vis Sci 59(9):6197, 2018
223. Rostami B, Nguyen-Cuu J, Brown G, Brown M, Sadun AA, **Sebag J**: *Cost-effectiveness of limited vitrectomy for Vision Degrading Myodesopsia*. Invest Ophthalmol Vis Sci 59(9):2199, 2018
224. Nguyen JH, Yee KMP, Nguyen-Cuu J, **Sebag J**: *Vitreo-papillary adhesion in lamellar macular holes*. Invest Ophthalmol Vis Sci 59(9):5270, 2018
225. Yee KMP, Nguyen J, Nguyen-Cuu J, **Sebag J**: *Impact of multifocal intraocular lenses on contrast sensitivity function in vision degrading vitreopathy*. Invest Ophthalmol Vis Sci 59(9):2199, 2018
226. Sebag J: *Effects of Nd:YAG laser on Vision Degrading Myodesopsia from vitreous floaters*. Annual meeting American Ophthalmological Society, Dana Point, CA, May 2018
227. Sebag J: *Vitreous – not just through it*. Annual meeting Department of Ophthalmology, Harvard Medical School, Boston, Mass, June 9, 2018 (by invitation)
228. Sebag J: *Vitreous*. FWO Research Consortium on Nanomaterials, School of Pharmaceutical Sciences, University of Ghent, Belgium, July 9, 2018 (by invitation)

229. Sebag J: *Structural and functional characteristics of lamellar macular holes*. Club Jules Gonin, Jersey, Channel Islands, July 12, 2018
230. Sebag J: *Lamellar Macular Holes*. International Retinal Imaging Symposium, UCLA, March 2019
231. Grulkowski I, Rodriguez-Aramendia A, Ruminski D; Manzanera S, Chen Y Mompeán J, Diaz D F, Pujol J, **Sebag J**, Artal P: *Vitreous body imaging with long-range swept-source OCT for detection of opacities*. Invest Ophthalmol Vis Sci 60(9):1291, 2019
232. Hwang ES, Kraker JA, Griffin, **Sebag J**, Kim J: *Accuracy of macular OCT in diagnosing PVD*. Invest Ophthalmol Vis Sci 60(9):1855, 2019
233. Routledge B, Nguyen-Cuu J, Yee KMP, **Sebag J**: *Posterior vitreous displacement in supine position*. Invest Ophthalmol Vis Sci 60(9):2015, 2019
234. Sebag J, Nguyen JH, Yee KMP: *Vision Degrading Myodesopsia in Myopia*. Retina Society, London, England Sep 2019
235. Sauvage F, Fraire JC, Remaut K, **Sebag J**, Peynshaert K, Van de Velde FJ, Xiong R, Tassignon M-J, Brans T, Braeckmans K, De Smedt SC: *Photoablation of human vitreous opacities by light-induced vapor nanobubbles*. SPIE Optical Engineering Photonics West, San Francisco, February 1, 2020
236. Ruminski D, Gupta A, **Sebag J**, Manzanera S, Artal P, Grulkowski I: *In vivo vitreous imaging using OCT*. SPIE Optical Engineering, Proceedings Vol 11218, Ophthalmic Technologies XXX; 112180G (2020) <https://doi.org/10.1117/12.2545871>
237. Sebag J: Vitreous and Vision Degrading Myodesopsia. XVI International Congress, Sociedad Argentina de Retina y Vitreo, October 2020 (by invitation)
238. Sebag J: Anomalous PVD, rhegmatogenous retinal detachment, and vitreoschisis. Cutting Edge Vitreo-Retinal Meeting 2021, ALCON Experience Academy, England, April 28, 2021 (by invitation)
239. Sebag J: Vitreous, hyalocytes, Anomalous PVD, and Vitreoschisis. EURETINA (by invitation) September 2021
240. Sebag J: Vitreous Hyalocytes in Health & Disease. (by invitation; symposium co-chair) Annual Meeting of the German Ophthalmological Society, September 30, 2021
241. Sebag J: Vitrectomy improves contrast sensitivity function in multifocal pseudophakia. Retina Society Annual Meeting, Chicago, September 30, 2021 (withdrawn due to COVID-19)
242. Sebag J: Vitrectomy improves contrast sensitivity function in multifocal pseudophakia. American Society of Retinal Specialists, San Antonio, October 2021 (virtual lecture on demand)
243. Sebag J: Vision Degrading Myodesopsia. American Academy of Ophthalmology Retina Sub-Specialty Day, New Orleans, November 2021 (by invitation)
244. Sebag J: Vitreous & Vision Degrading Myodesopsia. 8th Annual Pacific Retina Club, UCLA, April 2022 (by invitation)
245. Sebag J: Vitrectomy improves contrast sensitivity function in multifocal pseudophakia. American Society of Cataract & Refractive Surgery, Washington DC, April 2022