

DAVID R. GUYER, M.D.

CEO and Chairman of the Board
Ophthotech Corp. (NASDAQ – OPHT)
C: (917) 747-6389

I. PROFESSIONAL EXPERIENCE

CEO of multiple public and private biotechnology companies, former venture capitalist, and former academic physician/department Chairman. Extensive Board experience (11 companies; Chairman of four companies).

II. EDUCATION

Medical School: The Johns Hopkins University School of Medicine, Baltimore, MD. M.D., May 1986

College: Yale College, New Haven, CT. Summa cum laude, Phi beta Kappa, BS Biology, May 1982

III. POSTDOCTORAL TRAINING

Retina Fellowship: Retina Service, The Massachusetts Eye and Ear Infirmary, Harvard Medical School, Boston, MA. July 1990-June 1992

Residency (Ophthalmology): The Wilmer Ophthalmological Institute, The Johns Hopkins Hospital, Baltimore, MD. July 1987-June 1990

IV. BIOTECHNOLOGY/PHARMACEUTICAL EXPERIENCE

1. Ophthotech

- **CEO (2013-present), Co-Founder and Chairman of the Board (2007-present)**

- Raised over \$350M in capital in approximately four months including \$192M IPO that was 24 times oversubscribed and priced above the range.

2. Eyetech Pharmaceuticals Experience

- **CEO, Co-founder and Director of Eyetech Pharmaceuticals (2000-2005)**

- Biopharmaceutical company that specialized in the development and commercialization of novel therapeutics to treat diseases of the eye.
- Was company's first employee and built infrastructure to approximately 350 full time employees in five years.

- **Private Fund Raising**

- Led \$34.7M round in **Series B financing** (SV Life Sciences Lead), Merrill Lynch
- Led \$108.5M round in **Series C financing** (JP Morgan Lead), SV Life Sciences, Merrill Lynch, BB Biotech, MPM Capital, Alta Partners, Amerindo

- **Public Fund Raising**

- **Led Initial Public Offering** (NASDAQ: EYET), January 30, 2004 raising net proceeds of approximately \$157M at \$21 per share above the range of \$18 to \$20. The IPO was 30 times oversubscribed, and had a 54% share price increase during the first day of trading. 99% of accounts visited put in orders. Reached a peak market cap of approximately \$2B.
- **Led Secondary Public Offering**, June 2, 2004 selling 4,439,000 shares at \$38.50. The secondary offering was 3 times oversubscribed, and was sold at an 83% premium of the IPO.

- **Business Development**

- **Led Pfizer partnering deal for Macugen**, December, 2002. The development and commercialization of Macugen™, in all ophthalmic indications. The deal entails a US co-promotion and profit-share, R&D funding, ex-US royalties, and potential milestones and equity investments of \$770M plus the majority of development costs paid by Pfizer.
- **Led Archemix deal**, April 14, 2004. Collaboration to discover and develop therapeutic aptamers for ophthalmology. Built EYET pipeline.
- **Led Transgenomic** manufacturing asset acquisition, November 15, 2004. Potential second source supply further solidifying commitment to aptamer production.

- **Mergers and Acquisitions**

- **Led Eyetech negotiations in \$935M acquisition deal by (OSI) Pharmaceuticals**, November, 2005. Served as OSI Executive VP/President of OSI-Eyetech until May 2006.
- **Clinical/Regulatory** – Led team to FDA approval of Macugen for Macular Degeneration.
 - Lead presenter at FDA Advisory Committee, August 27, 2004.
 - First drug to receive full label for macular degeneration by FDA.
- **Commercial** – Launched Macugen for macular degeneration in U.S. with Pfizer, January 20, 2005.
 - \$184M net sales during launch year
 - Most successful launch in ophthalmology history at its time.
 - In top 8% of all pharmaceutical launches at its time.

- **Financial**

- First profitable quarter 3Q05 (2 quarters after launch) excluding one-time charges.
- Sarbanes Oxley compliant program developed and initiated.

- **Alliance Management Co-Chair** – Pfizer/Eyetech Macugen Alliance Team

- Senior Eyetech point person on alliance aligned with Pfizer President for final alliance decisions.

3. Independent Pharmaceutical Company Consultant Experience – selected examples:

- Rapid Pathogen Screenings (RPS)
- Sensimed
- Hoffman-LaRoche, Study Chairman, The Pharmacological Therapy for Macular Degeneration Study Group. Designed and ran first phase 3 trial of a drug (interferon) for macular degeneration, 1992-1995
- Genentech, *Monoclonal Antibody to VEGF, Macular Degeneration (AMD) Study*, 1996-99
- Alcon, *Anecortave Acetate for AMD Study*, 1998 – 2000
- Alcon, *Lutex for Photodynamic Therapy*, 1998 – 2000
- Lilly, *Oral Protein Kinase VEGF Inhibitor for Diabetic Retinopathy*, 1998 – 2000
- Agouron, *Oral Metalloproteinase Inhibitor for AMD*, 1998 – 2000
- Ciba/Novartis, *Sandostatin for Diabetic Retinopathy*, 1998 – 2000
- Ciba/Novartis/QLT, *Compassionate Plea for Visudyne Photodynamic Therapy for AMD*

V. VENTURE CAPITAL EXPERIENCE

Partner, SV Life Sciences Advisers, 2009 through present.

Venture Partner, SV Life Sciences Advisers, 2006-2009.

Co-founded four companies including Eyetech, Ophthotech, PanOptica, and Imagen.

Invested as Lead or Co-Lead VC in eight companies.

VI. BOARDS/DIRECTORSHIPS

Link Medicine – (Private Company) – Acquired by AstraZeneca in 2012.

Ophthotech – (Private Company) – Executive Chairman and Co-Founder

Neovista – (Private Company)

Optos – Public Imaging Company on London Stock Exchange

Neurotech – (Private Company)

Lux Biosciences – (Private Company) – Executive Chairman
PanOptica – (Private Company) – Chairman
Allocure – (Private Company)
Imagen – (Private Company)
Danube – (Private Company) – Chairman
Eyetech Pharmaceuticals (NASDAQ: Eyet), 2000 – 2005
Board of Trustees of Helen Keller Services for the Blind, 2004 - 2005
Wilmer Ophthalmological Institute Advisory Board, 2004 - 2005
New York Biotechnology Association, Inc. Board, 2005 – 2006
New York Society For Clinical Ophthalmology, 1995 – 2001

VII. ACADEMIC MEDICINE POSITIONS

Professor and Chairman of Ophthalmology; NYU School of Medicine, 2000 – 2002
Clinical Professor of Ophthalmology, NYU School of Medicine, 2002 – Present
Director of Residency Training, Manhattan Eye Ear & Throat Hospital, 1995 - 2000
Clinical Associate Professor of Ophthalmology, Cornell University Medical Center, 1995 – 2000
Principal Investigator and Director of Research, The Macula Foundation, Inc. (LuEsther Mertz Retinal Research Fund)—private foundation for unrestricted retinal-laser research and teaching. (1992-2000)
Chief Medical Editor, *Ophthalmology Times*, 1996 – 2004
Chairman, Retinal Research Subcommittee of the Macula Society, 1999 to 2002

VIII. BUSINESS SCHOOL COURSES

1. Harvard Business School, Leadership and Strategy in Pharmaceuticals and Biotech, June 1-6, 2003.
2. The Wharton School, Finance and Accounting for the Non-Financial Manager, August 10-15, 2003.

IX. HONORS, AWARDS, AND ACTIVITIES

- Foundation Fighting Blindness – 2013 Honoree

- Recipient of 2003 Ernst & Young Entrepreneur of the Year Award in Life Science
- Castle Connolly Medical Ltd. Awards -- *New York Metro Area Top Doctor 2003, New York Magazine Top Doctor 2003, 2004, and America's Top Doctor 2003, 2004*
- Honor Award, The American Academy of Ophthalmology, 1995
- President, Board of Directors, and Secretary, New York Society for Clinical Ophthalmology, 1995 to 2001
- Co-Program Director, Greater New York Ophthalmology Clinical Lecture Series, Medical Retina Section 1998-2001
- Program Chairman, Ophthalmic Laser Surgical Society, 1997 to 2003
- Member, Macular Degeneration Advisory Task Force, American Association for Retired People (AARP Association) 1996
- Diplomate, American Academy of Ophthalmology, 1991
- Media Spokesperson for the American Academy of Ophthalmology
- Heed-Knapp Foundation Fellowship, 1991-1992
- Heed Foundation Fellowship, 1990-1991
- Retina Faculty, The Lancaster Ophthalmology Course, 1991-1996
- Lecturer, The Johns Hopkins University School of Medicine Basic Clerkship in Ophthalmology, 1986-1990
- Summa Cum Laude, Yale College, 1982
- Phi Beta Kappa, Yale College, 1982
- Eustace D. Theodore Award for Academics and Service, Yale College, 1982
- Honors in the major, Yale College, 1982
- Admissions Committee Member, The Johns Hopkins University School of Medicine, 1985-86
- Admissions Committee Member, Yale College Regional Interview Program, 1983-1989

X. MEDICAL BOARD CERTIFICATIONS

American Board of Ophthalmology (1991)

New York State Medical License #171465 (1987 to Present)

XI. PROFESSIONAL SOCIETY MEMBERSHIPS

- The American Academy of Ophthalmology
- The Association for Research in Vision and Ophthalmology
- Macula Society
- Retina Society
- Fovea Society (Founder and Past President)
- Vitreous (ASRS) Society
- The Wilmer Residents Association
- Atlantic Coast Fluorescein Club
- New York Fluorescein Club
- Ophthalmic Laser Surgical Society
- New York Society for Clinical Ophthalmology
- Manhattan Ophthalmological Society

- New York State Ophthalmological Society
- The John Hopkins Society of Scholars
- New York Biotechnology Association
- Massachusetts Biotechnology Council
- PhARMA

XII. PAST EDITORIAL POSITIONS

- Chief Medical Editor, **OPHTHALMOLOGY TIMES**
- Editorial Board, **OPHTHALMIC LASERS AND SURGERY IN MEDICINE**
- Reviewer, **ARCHIVES OF OPHTHALMOLOGY**
- Reviewer, **OPHTHALMOLOGY**
- Reviewer, **British Journal of Ophthalmology**
- Reviewer, **RETINA**
- Reviewer, **Investigative Ophthalmology and Visual Science**
- Reviewer, **Current Eye Research**

XIII. TEXTBOOKS

1. Yannuzzi LA, Guyer DR, Green WR. **The Retina Atlas**, C.V. Mosby Co., St. Louis, Mo, 1995.
2. Guyer DR, Yannuzzi LA, Chang S, Shields J, Green WR. **Retina Vitreous Macula: A Comprehensive Text**. Saunders Co., 1998.
3. Mandava S, Sweeney T, Guyer DR. **Color Atlas of Ophthalmology, The Manhattan Eye, Ear & Throat Hospital Pocket Guide**, Thieme, New York, NY, 1999.

XIV. PUBLICATIONS

ORIGINAL ARTICLES IN PEER-REVIEWED JOURNALS

1. Guyer DR, Ng EWM, Shima D, Calias P, Cunningham E, Adamis A: Pegaptanib, a Targeted Anti-VEGF Aptamer for Ocular Vascular Disease. *Nature Reviews/Drug Discovery*, Volume 5, February 2006.
2. Guyer DR, Trinkaus JP: An Interference-Reflection Microscopy Analysis of Cell Rounding by Trypsinization. *Yale College Thesis Collection, Kline Biology Tower, Yale Univ.*, 1982.
3. Guyer, DR, Green WR: Bilateral extreme microphthalmos. *Ophthal pediatrics and genetics* 1984; 4:81-90.
4. Guyer DR, Miller NR, Long DL, and Allen GA: Visual function following optic canal decompression via craniotomy. *J. Neurosurg* 1985; 62:631-638.

5. Guyer DR, Miller NR, Auer CL, Fine SL: The risk of cerebrovascular disease in patients with anterior ischemic Optic Neuropathy. *Arch Ophthalmol* 1985; 103:1136-1142.
6. Guyer, DR, Alexander MF, Auer CL, Hamill MB, Chamberlain JA, Fine SL: A Comparison of the Frequency and Severity of Macular Drusen in Phakic and Non-phakic Eyes. *Invest Ophthalmol* 1986; 27:20.
7. Guyer DR, Lessell S: Periodic alternating nystagmus associated with albinism. *J Clin Neuro-ophthalmol* 1986; 6:82-85.
8. Guyer DR, Fine SL, Maguire MG, Hawkins BS, Owens SL, Murphy RP: Subfoveal choroidal neovascular membranes in age-related macular degeneration. Visual prognosis in eyes with relatively good initial visual acuity. *Arch Ophthalmol* 1986; 104:702-705.
9. Guyer DR, Fine SL, Murphy RP, Green WR: Clinicopathologic Correlation of krypton and argon laser photocoagulation in a patient with a subfoveal choroidal neovascular Membrane. *Retina* 1986; 6:157-163.
10. Guyer DR, Barraquer J, McDonnell PJ, Green WR: Terrien's marginal degeneration: clinical case reports. *Graefe's Arch Ophthalmol* 1987; 225:19-27.
11. Guyer DR, Miller NR, Enger CL, Fine SL: Incidence of subcortical lesions not increased in nonarteritic ischemic optic neuropathy on magnetic resonance imaging. *Am J Ophthalmol* 1988; 105:324-325.
12. Schachat AP, Markowitz JA, Guyer DR, Burke PJ, Karp JE, et al: Ophthalmic manifestations of leukemia. *Arch Ophthalmol* 1989; 107:697-700.
13. Guyer DR, Jabs DA, Brant AM, Beschorner WE, Green WR: Regression of cytomegalovirus retinitis with zidovudine: A clinicopathologic correlation. *Arch Ophthalmol* 1989; 107:868-874.
14. Guyer DR, Schachat A, Vitale S, Markowitz JA, Braine H, et al: Leukemic retinopathy: relationship between fundus lesions and hematologic profiles at diagnosis. *Ophthalmol* 1989; 96:860-864.
15. Guyer DR, Green WR, Schachat AP, Bastacky S, Miller NR: Bilateral retinal vascular occlusions and ischemic optic neuropathy from lymphoma: Clinicopathologic correlation. *Ophthalmol* 1990; 97:882-888.
16. Guyer DR, Fine SL, de Bustros S, Green WR: Histopathologic considerations of idiopathic macular holes and cysts. *Ophthalmol* 1990; 97:1045-1051.
17. Guyer DR, Gragoudas ES. Complications of fluorescein angiography. *Ophthalmic Practice*, 1991; 10:73-78.
18. Guyer DR, Puliafito CA, Mones J., Friedman E: Digital indocyanine-green angiography of chorioretinal disorders. *Ophthalmol* 1992; 99:287-291.

19. Filatov V, Guyer DR, Lustbader JM, Berkow JW: Dislocation of the crystalline lens in a patient with Sturge-Weber Syndrome. *Ann of Ophthalmol*, 1992; 24:260-262.
20. Guyer DR, Mukai S, Egan K, Seddon J, Walsh S, Gragoudas ES: Radiation retinopathy following proton beam irradiation for choroidal melanoma. *Ophthalmol* 1992; 99:1278-1285.
21. Guyer DR, de Bustros S, Diener-West M, Fine SL: Observations on idiopathic macular holes in cysts. *Arch Ophthalmol*, 1992; 110:1264-1268.
22. Yannuzzi LA, Slakter JS, Sorenson JA, Guyer DR, Orlock D. Indocyanine-green angiography of choroidal neovascularization. *Retina* 1992; 12:191-223.
23. Aiello LP, Iwamoto M, Guyer DR: Penetrating ocular fish-hook injuries. Surgical management and long-term visual outcome. *Ophthalmol*, 1992; 99:862-866.
24. Guyer DR, D'Amico DJ, Smith C: Subretinal fibrosis following laser photocoagulation for diabetic macular edema. *Amer J Ophthal* 1992; 113:652-656.
25. Guyer DR, Adamis AP, Gragoudas ES, Folkman J, Slakter J, Yannuzzi LA. Antiangiogenic therapy of choroidal neovascularization. What is the role of alfa-interferon? *Arch Ophthal* (editorial), 1992; 110:1383-1384.
26. Guyer DR, Duker JS, Puliafito CA. Indocyanine green angiography and dye-enhanced diode laser photocoagulation. *Semin Ophthalmology*, 1992; 7(3):172-6.
27. Guyer DR, Duker J, Puliafito CA. Indocyanine-Green Angiography and dye-enhanced diode laser photocoagulation. *Seminars Ophthal* 1992; Vol VII:172-176.
28. Ho AC, Guyer DR, Yannuzzi LA, Brown, GC. Ocular syphilis: Classic manifestations and recent observations. *Seminars Ophthalmol*, 1993; 8:53-60.
29. Guyer, DR, Krupsky S, Slakter JS, Sorenson J, Yannuzzi LA, Friedman E, Gragoudas ES: Digital indocyanine green angiography of intraocular tumors. *Seminars in Ophthal*, 1993; 8:1-5.
30. Guyer, DR, Yannuzzi LA, Slakter, JS, Sorenson, JA, Orlock, D. The status of indocyanine green videoangiography. *Current Science* 1993;1-4.
31. Guyer DR, Gragoudas ES, Albert D: Long term follow-up of patients with metastatic bronchial carcinoid lesions to the choroid. *Seminars in Ophthal*, 1993; 8:1-3.
32. Guyer DR, Tiedeman J, Yannuzzi L. Interferon-associated retinopathy. *Arch Ophthalmol*, March 1993; 111:350-6.
33. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JS, Orlock DA: The status of ICG angiography . *Current Opinion in Ophthalmology*, 1993; 111:3-6.

34. Fisher YL, Slakter JS, Yannuzzi LA, Guyer DR. A prospective natural history study in klinetic ultrasound evaluation of idiopathic macular holes. *Ophthal* 1994; 101:5-11.
35. Ho AC, Yannuzzi LA, Guyer DR Slakter JS, Sorenson JA, et al. Intraretinal leakage of indocyanine-green dye. *Ophthalmol* 1994;101:534-541.
36. Slakter JS, Yannuzzi LA, Sorenson JA, Guyer DR, Ho AC, Orlock DA: A pilot study of indocyanine green videoangiography-guided laser photocoagulation of occult choroidal neovascularization in age-related macular degeneration. *Arch Ophthalmol* 1994;112:465-472.
37. Hope-Ross M, Yannuzzi LA, Gragoudas ES, Guyer DR, Slakter JS, et al. Adverse reactions due to indocyanine green. *Ophthalmol*, 1994;101:529-533.
38. Sorenson JA, Yannuzzi LA, Guyer DR, Ho AC, Orlock DA: A pilot study of digital indocyanine-green video angiography of recurrent choroidal neovascularization in age-related macular degeneration. *Arch Ophthalmol* 1994;112:473-479.
39. Guyer DR, Yannuzzi LA, Slakter JS, Ho AC, Sorenson JA, Orlock DA. Digital indocyanine green videoangiography of central serous chorioretinopathy. *Arch Ophth* 1994;112:1057-1062.
40. Ho, AC, Fisher YL, Slakter JS, Guyer DR, Sorenson JA, Yannuzzi LA. Intraoperative indocyanine green videoangiography in subretinal surgery. *Arch Ophthalmol*; 112;872-874,1994.
41. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JA, Latsoudis P, Hope-Ross M, Orlock D. Digital indocyanine green videoangiography of occult choroidal neovascularization. *Ophthalmology* 1994;101:1727-1737.
42. Sorenson JA, Yannuzzi LA, Slakter JS, Guyer DR. ICG videoangiography for recurrent choroidal neovascularization. *Review of Ophth* 1994:61.
43. Slakter JS, Yannuzzi LA, Sorenson JA, Guyer DR, Orlock DA. ICG videoangiography for treatment of age-related macular degeneration. *Review of Ophth* 1994:60
44. Yannuzzi LA, Slakter JS, Guyer DR. Videoangiography for enhanced imaging of the choroidal circulation. *MP Video Journal of Ophth*, St. Louis, MO, 1994.
45. Reichel E, Duker JS, Puliafito CA, Guyer DR. Indocyanine green dye-enhanced diode laser photocoagulation of poorly defined subfoveal choroidal neovascularization. *Ophthalmic Surgery*, 1994;25:195-201.
46. Yannuzzi L, Hope-Ross M, Slakter J, Guyer DR. Analysis of vascularized pigment epithelial detachments using indocyanine green videoangiography. *Retina*, 1994; 2:99-113.
47. Yannuzzi LA, Sorenson JA, Guyer DR et al. Indocyanine green video angiography: current status. *European Journal of Ophthalmology* 1994;4:69-81.

48. Yannuzzi LA, Sorenson JA, Guyer DR, Slakter JS, Orlock D. What we know and don't know about ICG videoangiography. *Review of Ophthalmology*, November 1994, pp. 44-49.
49. Chang B, Yannuzzi L, Ladas I, Guyer DR. Choroidal neovascularization in second eyes of patients with unilateral exudative age-related macular degeneration. *Ophthalmology* Sept 1996; 9:1380-6.
50. Guyer DR, Yannuzzi LA, Ladas I, Slakter JS, et al. Indocyanine green-guided laser photocoagulation of focal spots at the edge of plaques of choroidal neovascularization. *Arch Ophthalmol* 1996;114:693-97.
51. Mukai S, Guyer DR, Egan K, Walsh S, Seddon J, Gragoudas ES: Radiation papillopathy following proton beam irradiation for choroidal melanoma. Submitted for publication.
52. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JA. The potential of ICG angiography. *Review of Ophthalmology*. April 1996, pp 119.
53. Spaide RF, Campeas L, Haas A, Yannuzzi LA, Fisher Y, Guyer DR, Slakter JS, Sorenson JA, Orlock DA. Central serous chorioretinopathy: demographic, ophthalmoscopic, and angiographic features in younger and older adults. *Arch Ophthalmol* 1996;114:693-697.
54. Spaide RF, Campeas L, Haas A, Yannuzzi L, Fisher Y, Guyer DR. Central serous chorioretinopathy in younger and older adults. *Ophthalmology*. Dec. 1996, 103:2070-9, 2079-8.
55. Spaide RF, Campeas L, Haas A, Yannuzzi LA, Fisher YL, Guyer DR, Slakter JS, Sorenson JA, Orlock DA. Central serous chorioretinopathy in patients with systemic lupus erythematosus. *Ophthalmol* 102;2070-2080, 1997.
56. Freund KB, Yannuzzi LA, Barile GR, Spaide RF, Bolusky SA, Guyer DR. The expanding clinical spectrum of unilateral and acute idiopathic maculopathy. *Arch Ophthalmol* 1996;114:555-559.
57. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JA, Hanutsaha P, et al. Classification of choroidal neovascularization by digital indocyanine green videoangiography. *Ophthalmol*, 1997; 103:2054-2060.
58. Spaide RF, Hall L, Haas A, Campeas L, Yannuzzi LA, Fisher YL, Guyer DR et al. Indocyanine green videoangiography of older patients with central serous chorioretinopathy. *Retina* 1997; 16:203-213.
59. Spaide RF, Campeas L, Haas A, Yannuzzi LA, Fisher YL, Guyer DR et al. Central serous chorioretinopathy in younger and older adults. *Ophthalmol* 1997;103;2070-2080.
60. Guyer DR, Adamis AP, Yannuzzi LA, et al. for The Pharmacological Therapy for Macular Degeneration Study Group. Interferon alfa-2a is ineffective for patients with choroidal neovascularization secondary to age-related macular degeneration: results of a prospective randomized placebo-controlled clinical trial. *Arch Ophthalmol* 1997;115:865-872.

61. Mandava N, Guyer DR, Yannuzzi LA, Slakter JS, et al. Indocyanine green videoangiography-guided laser photocoagulation of occult neovascularization. *Ophth Surg and Lasers*, 1997; 28:844-52.
62. Slakter JS, Giovannini A, Yannuzzi LA, Scassellati-Sforzolini B, Guyer DR et al. Indocyanine green angiography of multifocal choroiditis. *Ophthalmology* 1997; 104:1813-19.
63. Ho A, Guyer DR. Macular hole. *Surv Ophthalmology*, March-April 1998. 42: 393-416.
64. Spaide RF, Guyer DR, McCormick BA, Yannuzzi LA, et al. External beam radiation therapy for choroidal neovascularization. *Ophthalmology* 1998;105:24-30.
65. Spaide RF, Orlock DA, Hermann-Delemazure B, Ciardella A, Yannuzzi LA, Freund KB, Fisher YL, Guyer DR et al. Wide-angle indocyanine green angiography. *Retina* 1998; 18:44-49.
66. Yannuzzi LA, Nogueira F, Spaide RF, Guyer DR, et al. Idiopathic polypoidal choroidal vasculopathy: a peripheral lesion. *Arch Ophthalmol* 1998; 116:382.
67. Spaide RF, Orlock DA, Yannuzzi LA, Riff M, Freund KB, Fisher YL, Guyer DR et al. Digital subtraction indocyanine-green angiography of occult choroidal neovascularization. *Ophthalmology* 1998;105:680-88.
68. Age-related macular degeneration. *Post Graduate Medicine*, 1998; 103:153-6, 161-4.
69. Hanutsaha P, Guyer DR, Yannuzzi LA et al. Indocyanine green videoangiography of drusen as a possible predictive indicator of exudative maculopathy. *Ophthalmol* 1998;105:1632-36.
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71. Tittl M, Spaide R, Wong D, Pilotto E, Yannuzzi L, Fisher Y, Freund B, Guyer DR. Systemic findings associated with central serous chorioretinopathy. *Am J Ophthalmol*, July 1999; 128:63-8.
72. Spaide RF, Leys An Herrmann-Delemazure B, Stalmans P, Tittl M, Yannuzzi LA, Burke KM, Fisher YL, Freund KB, Guyer DR, Slakter JS, Sorenson JA. Radiation-associated choroidal neovasculopathy. *Ophthalmology*, 1999; 106: 2254-60.
73. Slakter JS, Yannuzzi LA, Schneider U, Sorenson JA, Ciardella A, Guyer DR. Retinal-choroidal anastomoses and occult choroidal neovascularization in age-related macular degeneration. *Ophthalmology* 2000;107:742-754.
74. Yannuzzi LA, Freund K, Goldbaum M, Scassellati-Sforzolini B, Guyer DR. Polypoidal choroidal vasculopathy masquerading as central serous chorioretinopathy. *Ophthalmology*, April 2000; 107:767-777.

75. Guyer DR. The utility of ranking ophthalmology centers. The ranking of ophthalmology centers in ophthalmology and lay publications is appropriate for medicine in today's business world. *Arch Ophthal.* Nov. 2000; 118:1580.
76. Naseripour M, Shields C, Shields J, Guyer DR. Pseudohypopyon of orange pigment overlaying a stable choroidal nevus. *American Journal of Ophthalmology*, September 2001; 132:416-7.
77. Ciardella A, Fisher Y, Carvallo C, Slakter J, Bryan R, Sorenson J, Spaide R, Freund K, Guyer DR, Yannuzzi L. Endoscopic vitreoretinal surgery for complicated proliferative diabetic retinopathy. *Retina*, 2001; 21:20-7.
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TEXTBOOK CHAPTERS

87. Guyer DR, Schachat AP, Green WR: The Choroid: Structural Considerations. In Retina, Ryan SJ, editor, C.V. Mosby Company, St. Louis, Chapter two, pages 2-1 to 2-16, 1989.
88. Guyer DR, Murphy RP, Fine SL: Subfoveal Choroidal Neovascular Membranes Secondary to Age-Related Macular Degeneration: A Review. In Ocular Circulation and Neovascularization, BenEzra D, Ryan SJ, Glaser BM, Murphy RP, editors, Kluwer Academic Publishers, Hingham Massachusetts, pages 205-213, 1987.
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92. Guyer DR, Gragoudas ES. The Subretinal Fibrosis and Uveitis Syndrome. In The Principles and Practice of Ophthalmology: The Harvard System, Albert DM, Jakobiec FA, editors, WB Saunders Company, Philadelphia, 1993.
93. Guyer DR, Green WR, Idiopathic Macular Holes and Its Precursor Lesions. Symposium of the New Orleans Academy of Ophthalmology, Kugler, 1992.
94. Guyer DR, Gragoudas ES. Macular Holes and Cysts. In The Principles and Practice of Ophthalmology: The Harvard System, Albert DM, Jakobiec FA, editors WB Saunders Company, Philadelphia, 1993.
95. Mukai S, Guyer DR, Gragoudas ES: Radiation Retinopathy. The Principles and Practice of Ophthalmology: The Harvard System, Albert DM, Jakobiec FA, editors, WB Saunders Company, Philadelphia, 1993.
96. Mones JM, Guyer DR, Krupsky S, Puliafito CA, Gragoudas ES: Digital Indocyanine-green Angiography. In The Principles and Practice of Ophthalmology: The Harvard System, Albert DM, Jakobiec FA, editors, WB Saunders Company, Philadelphia, 1993.
97. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JA, Orlock DA: Diagnostic Indocyanine-Green Video-angiography. In Retina, Ryan SJ, editor, C.V. Mosby Company, St. Louis, 1994.
98. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JA, Orlock DA: Indocyanine-Green Video-angiography of Choroidal Neovascularization. In Medical and Surgical Retina, Lewis H, Ryan S, editors, C.V. Mosby, 1993.

99. Ho AC, Guyer DR: ICG Dye-Enhanced Laser Photocoagulation. In Current Techniques in Ophthalmic Laser Surgery, Benson W., Coscas G, Katz LJ, editors. Current Medicine, Philadelphia, PA, 1994.
100. Krauss JM, Guyer DR. New delivery systems and new uses of lasers. In Current Techniques in Ophthalmic Laser Surgery, Benson W., Coscas G., Katz LJ, editors. Current Medicine, Philadelphia, PA, 1994.
101. Guyer DR, Yannuzzi LA, Sorenson JA, Slakter JSS. Indocyanine-green angiography. In: Retina Vitreous Macula, Guyer et al, editors. Saunders, In press.
102. Barille G, Guyer DR. Disseminated Intravascular Coagulopathy. In: Retina Vitreous Macula, Guyer et al, editors. Saunders, In press.
103. HO, A, Guyer DR, Fine SL. Clinical Examination of the Retina. In: Retina Vitreous Macula, Guyer et al, editors. Saunders, In press.
104. Orlock DA, Guyer DR. Principles of Fluorescein Angiography. In: Retina Vitreous Macula, Guyer et al, editors. Saunders, In press.
105. Hall L, Guyer DR, Yannuzzi LA. Central Serous Chorioretinopathy. In: Retina Vitreous Macula, Guyer et al, editors. Saunders, In press.
106. Ciardella A, Guyer DR. Myiasis. In: Retina Vitreous Macula, Guyer et al, editors. Saunders, In press.
107. Ciardella A, Guyer DR. Protein C Retinopathy. In: Retina Vitreous Macula, Guyer et al, editors. Saunders, In press.
108. Barile G, Guyer DR, Retina, Vitreous and Posterior Segment Trauma. In: Wisnicki J, editor. OKAP Review, in press, 1996.
109. Slakter JS, Yannuzzi LA, Guyer DR, Sorenson JA, Spaide RF, Fisher YL, Orlock DA. Indocyanine Green Videoangiography: Principles, Technique, and Complications. In Tasman W and Jaeger EA (eds) Duane's Foundations of Clinical Ophthalmology, Philadelphia, Lippincott-Raven, 1996.
110. Slakter JS, Yannuzzi LA, Guyer DR, Sorenson JA, Spaide RF, Fisher YL, Orlock DA. Diagnostic Indocyanine Green Videoangiography: Clinical Applications. In Tasman W and Jaeger EA (eds) Duane's Foundations of Clinical Ophthalmology, Philadelphia, Lippincott-Raven, 1996.
111. Slakter JS, Yannuzzi LA, Guyer DR. Diagnostic ICG angiography. In: Yannuzzi, Flower, Slakter, eds. ICG Angiography, Mosby, 1997.
112. Guyer DR, Yannuzzi LA. Occult choroidal neovascularization. In: Indocyanine Green Angiography: A Textbook (eds.) Yannuzzi, Flower, Slakter. Mosby 1997.

113. Guyer DR, Central serous chorioretinopathy. In: Yannuzzi, Flower, Slakter, eds. ICG Angiography, Mosby, 1997.
114. Mandava N, Guyer DR, Yannuzzi LA. Fluorescein Angiography. In: Ophthalmology (eds) Yanoff M, Duker JS. Mosby, Section 8, pp. 8.1-6, 1999.

XV. SCIENTIFIC PRESENTATIONS

1. Guyer DR, Trinkaus JP: An Interference - Reflection Microscopy Analysis of Cell Rounding by Trypsinization. The Cell Seminar, Yale University, New Haven, CT, 1982.
2. Guyer DR, Fine SL, Michels RG: Serpiginous Choroidopathy. The Wilmer Residents Association Meeting, Baltimore, Maryland, 1985.
3. Guyer DR, Miller NR, Auer CL, Fine SL: The Risk of Cerebrovascular and Cardiovascular Disease in Patients with Anterior Ischemic Optic Neuropathy. The Wilmer Residents Association Meeting, Baltimore, Maryland, 1985.
4. Guyer DR, Miller NR, Auer CL, Fine SL: The Risk of Cerebrovascular and Cardiovascular Disease in Patients with Anterior Ischemic Optic Neuropathy. First place, Oral presentation, Eastern Students' Research Forum, University of Miami, Miami, Florida, 1986.
5. Guyer DR, Fine SL, Maguire MG, Hawkins BS, Owens SL, et al: Subfoveal Choroidal Neovascular Membranes in Age-Related Macular Degeneration. Visual Prognosis in Eyes with Relatively Good Initial Visual Acuity. The Wilmer Residents Association Meeting, Baltimore, Maryland, 1986.
6. Guyer DR, Alexander MF, Auer CL, Hamill MB, Chamberlain JA, Fine SL: A Comparison of the Frequency and Severity of Macular Drusen in Phakic and Non-phakic Eyes. The Association for Research in Vision and Ophthalmology, Sarasota, Florida, 1986.
7. Guyer DR, Barraquer J, McDonnell PJ, Green WR: Terrien's Marginal Degeneration: Clinicopathologic Case Reports. The International Society of Ophthalmic Pathologists Meeting, Dallas, Texas, 1987.
8. Guyer DR, Schachat AP, Vitale S, Markowitz JA, Braine H, et al: Leukemic Retinopathy: Relationship between Fundus Lesions and Hematologic Profiles at Diagnosis. The Wilmer Residents Associations Meeting, Baltimore, Maryland, 1988.
9. Guyer DR, Schachat AP, Vitale S, Markowitz JA, Braine H, et al: Leukemic Retinopathy: Relationship between Fundus Lesions and Hematologic Profiles at Diagnosis. Association for Research in Vision and Ophthalmology, Sarasota, Florida, 1988.
10. Guyer DR, Schachat AP, Vitale S, Markowitz JA, Braine H, et al: Leukemic Retinopathy: Relationship between Fundus Lesions and Hematologic Profiles at Diagnosis. The American Academy of Ophthalmology Meeting, Las Vegas, Nevada, 1988.

11. Guyer DR, Barraquer AP, McDonnell PJ, Green WR: Terrien's Marginal Degeneration: Clinicopathologic Case Reports. Contact Lens Association of Ophthalmologists and International Society for Refractive Keratoplasty Meeting, New Orleans, Louisiana, 1989.
12. Guyer DR, de Bustros S, Diener-West M, Fine SL: The Natural History of Idiopathic Macular Holes and Cysts. The Wilmer Residents Association Meeting, Baltimore, Maryland, 1989.
13. Guyer DR, de Bustros S, Diener-West M, Fine SL: The Natural History of Idiopathic Macular Holes and Cysts. The Association for Research in Vision and Ophthalmology, Sarasota, Florida, 1989.
14. Guyer DR, de Bustros S, Green WR; Histopathologic Features of Idiopathic Macular Holes. The American Academy of Ophthalmology Meeting. New Orleans, LA, 1989.
15. Guyer DR, de Bustros S, Green WR: Histopathologic Features of Idiopathic Macular Holes. The American Society of Ophthalmic Pathologists Meeting, New Orleans, Louisiana, 1989.
16. Guyer DR, de Bustros S, Diener-West M, Fine SL: The Natural History of Idiopathic Macular Holes and Cysts. The American Academy of Ophthalmology Meeting, New Orleans, Louisiana, 1989.
17. Guyer DR, Sunness JS, Schuchard R, Fine SL, de Bustros S: Idiopathic Macular Holes and Cysts: A Scanning Laser Ophthalmoscope Analysis. The Wilmer Residents Association Meeting, Baltimore, Maryland, 1990.
18. Guyer DR, Sunness JS, Schuchard R, Fine SL, de Bustros S: Idiopathic Macular Holes and Cysts: A Scanning Laser Ophthalmoscope Analysis. The Association for Research in Vision and Ophthalmology, Sarasota, Florida, 1990.
19. Guyer DR, Sunness JS, Schuchard R, Fine SL, de Bustros S: Idiopathic Macular Holes and Cysts: A Scanning Laser Ophthalmoscope Analysis. The American Academy of Ophthalmology Meeting, Atlanta, Georgia, 1990.
20. Guyer DR, Puliafito CA, Mones J: Indocyanine-green Digital Angiography and Dye-enhanced Diode Laser Photocoagulation of Choroidal Neovascularization. The Wilmer Residents Association Meeting, Baltimore, Maryland, 1991.
21. Guyer DR, Makai S, Egan K, Walsh S, Seddon J, Gragoudas ES: Radiation Retinopathy following Proton Beam Irradiation for Choroidal Melanoma. The Association for Research in Vision and Ophthalmology, Sarasota, Florida, 1991.
22. Guyer DR, Puliafito CA, Mones J: Indocyanine-green Digital Angiography and Dye-enhanced Diode Laser Photocoagulation of Choroidal Neovascularization. The Massachusetts Eye and Ear Infirmary Alumni Meeting, Boston, Massachusetts, 1991.
23. Puliafito CA, Guyer DR, Mones J, Weaver Y. Indocyanine Green Digital Angiography and Dye-Enhanced Diode Laser Photocoagulation of Choroidal Neovascularization. Annual Spring Meeting of the Association for Research in Vision and Ophthalmology. Sarasota,

Florida, April 28 – May 3, 1991.

24. Guyer DR, Mukai S, Egan K, Walsh S, Seddon J, Gragoudas ES: Radiation Retinopathy following Proton Beam Irradiation for Choroidal Melanoma. The American Academy of Ophthalmology Meeting, Anaheim, California, 1991.
25. Guyer DR, D'Amico DJ, Smith C: Subretinal Fibrosis following Laser Photocoagulation for Diabetic Macular Edema. The American Academy of Ophthalmology Meeting, Anaheim, California, 1991.
26. Guyer DR: Diagnostic Digital Indocyanine-Green Angiography. Invited Lecturer, San Diego Eye Bank Retina Symposium, San Diego, California, 1992.
27. Guyer DR: The Treatment of Subfoveal Choroidal Neovascularization. Invited Lecturer, San Diego Eye Bank Retina Symposium, San Diego, California, 1992.
28. Guyer DR: Pharmacological Intervention of Choroidal Neovascularization: The Interferon Controversy. Invited Lecturer, The Wills Eye Hospital, Philadelphia, 1992.
29. Guyer DR, Adamis AP, Yannuzzi LA, Slakter JS, Gragoudas ES: Antiangiogenic Therapy of Choroidal Neovascularization. Invited Lecturer, Manhattan Eye, Ear and Throat Hospital, New York, NY, 1992.
30. Guyer DR, Adamis AP, Yannuzzi LA, Slakter JS, Gragoudas ES: Antiangiogenic Therapy of Choroidal Neovascularization. Ocular Circulation and Neovascularization Meeting, Paris, France, 1992.
31. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JA, Orlock DA: Indocyanine-Green Angiography of Choroidal Neovascularization. Ocular Circulation and Neovascularization Meeting, Paris, France, 1992.
32. Guyer DR, Krupsky S, Gragoudas ES, Slakter JS, Sorenson JA, Friedman E, Yannuzzi LA: Digital Indocyanine-Green Angiography of Intraocular Tumors, ICG Meeting, Tufts-New England Eye Center, Boston, MA, 1992.
33. Guyer DR, Krupsky S, Gragoudas ES, Slakter JS, Sorenson JA, Friedman E, Yannuzzi LA: Digital Indocyanine-Green Angiography of Intraocular Tumors, International Intraocular Tumor Symposium, New York, NY 1992
34. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JA: New Approaches to the Diagnosis and Treatment of Choroidal Neovascularization. Invited Lecturer, Lenox Hill Hospital, New York, NY, 1992.
35. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JA: New Approaches to the Diagnosis and Treatment of Choroidal Neovascularization. Invited Lecturer, St. Vincent's Hospital, New York, NY, 1992.

36. Guyer DR: Indocyanine-Green Dye-enhanced Diode Laser Photocoagulation. New York Ophthalmic Laser Society, New York, NY, 1992.
37. Guyer DR, Adamis AP, Yannuzzi LA, Slakter JS, Gragoudas ES: Antiangiogenic Therapy of Choroidal Neovascularization. Invited Lecturer, Nantucket Retina, Nantucket, MA, 1992.
38. Guyer DR, Adamis AP, Yannuzzi LA, Slakter JS, Gragoudas ES. Antiangiogenic Therapy of Choroidal Neovascularization. Invited Lecturer, New York Ophthalmic Laser Society, New York, NY, 1992.
39. Guyer DR, Adamis AP, Yannuzzi LA, Slakter JS, Gragoudas ES. Antiangiogenic Therapy of Choroidal Neovascularization. Invited Lecturer, Retina Society, New York, NY, 1992.
40. Guyer, DR, Krupsky S, Slakter JS, Sorenson J, Yannuzzi LA, Friedman E, Gragoudas ES: Digital Indocyanine Green Angiography of Intraocular Tumors. The American Academy of Ophthalmology Meeting, Dallas, Texas, 1992.
41. Guyer DR, Gragoudas ES, Krupsky S, Ebert E, Bauman W: Indocyanine-Green Dye-Enhanced Diode Laser Photocoagulation of Choroidal Neovascularization. The American Academy of Ophthalmology, Dallas, Texas, 1992.
42. Guyer DR, Adamis AP, Yannuzzi LA, Slakter JS, Gragoudas ES. Antiangiogenic Therapy of Choroidal Neovascularization. Invited Lecturer, Macula Course, Scheie Eye Institute, University of Pennsylvania, January, 1993.
43. Guyer DR, Adamis AP, Yannuzzi LA, Slakter JS, Gragoudas ES. Antiangiogenic Therapy of Choroidal Neovascularization. Invited Lecturer, New Jersey Retina Society, 1993.
44. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JA, Ho AC, Orlock D. Diagnostic Digital Indocyanine Green Videoangiography of Choroidal Neovascularization. Wilmer Residents Association Meeting, Baltimore, MD, April, 1993.
45. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JA, Hope-Ross M, Latsoudis P, Orlock DA. Digital indocyanine green videoangiography of occult choroidal neovascularization. Association for Research in Vision Ophthalmology, Sarasota, FL, 1993.
46. Guyer DR, Adamis AP, Yannuzzi LA, Slakter JS, Gragoudas ES. Antiangiogenic Therapy of Choroidal Neovascularization. Invited Lecturer, Macular Degeneration Course, Scheie Eye Institute, University of Pennsylvania, March 1993.
47. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JA, (Invited Visiting Professor). Indocyanine Green Videoangiography. Monterrey, Mexico, May 1993.
48. Guyer DR. Yannuzzi LA, Slakter JS, Sorenson JA. Digital Indocyanine Green Videoangiography of Occult Choroidal Neovascularization. Nantucket Retina, Nantucket, MA, August 1993.
49. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JA. Digital Indocyanine Green Videoangiography of Occult Choroidal Neovascularization. Aegean Retina, Samos, Greece,

August 1993.

50. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JA. Indocyanine Green Videoangiography. Invited Grand Rounds Speaker, Cornell University Medical Center, September 1993.
51. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JA, Orlock DA. Digital Indocyanine Green Videoangiography of Occult Choroidal Neovascularization. Retina Society, San Francisco, CA, September 1993.
52. Guyer DR, Yannuzzi LA, Slakter JS, Ho AC, Orlock DA. Indocyanine Green Angiography of Central Serous Chorioretinopathy. ICG Angiography Symposium, Retina Center, St. Joseph's Hospital, Baltimore, MD, October 29, 1993
53. Guyer DR. The Physiology and Adverse Reactions of Sodium Fluorescein and Indocyanine Green Dyes. Presented at the American Academy of Ophthalmology in a special Symposium entitled "Advances in Ocular Imaging" sponsored by the Macula Society. November 15, 1993.
54. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JA, Ross, MH, Orlock DA. Digital Indocyanine Green Videoangiography of Occult Choroidal Neovascularization. Presented at the American Academy of Ophthalmology. November 18, 1993.
55. Guyer DR. ICG angiography of chorioretinal disorders. Guest lecturer, New York University Medical Center, New York, NY. November 22, 1993.
56. Guyer DR. Anti-angiogenic Therapy for Choroidal Neovascularization. Macular Symposium. Manhattan Eye, Ear & Throat Hospital, January 1994.
57. Guyer DR. Indocyanine Green Videoangiography of Occult Choroidal Neovascularization and Anti-angiogenic Therapy of Choroidal Neovascularization. Visiting Professor, Kupat Holim Maccabi Meeting, Dead Sea, Israel, February, 1994.
58. Guyer DR. Indocyanine Green Videoangiography of Choroidal Neovascularization. Guest Lecturer at the Aspen Retinal Detachment Society, March, 1994.
59. Guyer DR. Digital Indocyanine Green Videoangiography of Occult Choroidal Neovascularization. Cornell University Medical School. April 23, 1994.
60. Guyer DR. Indocyanine Green Angiography. St. Joseph's Hospital, Queens, NY. Visiting Professor. April, 1994.
61. Guyer DR. ICG-guided Laser Treatment of Focal Spots and Plaques. ARVO Meeting, May 1994.
62. Guyer DR, Yannuzzi, Slakter J, Sorenson J, et al. New Laser Strategies for Macular Degeneration Based Upon Indocyanine-green Videoangiography. Annual Meeting of the Association for Research in Vision and Ophthalmology. Sarasota, Florida, May, 1994.

63. Slakter J, Giovannini A, Yannuzzi L, Sforzolini B, Guyer DR. Indocyanine Green Videoangiography of Multifocal Choroiditis and the Presumed Ocular Histoplasmosis Syndrome. Annual Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida, May 1-6, 1994.
64. Chang B, Lados Y, Yannuzzi, Guyer DR. Risk to Fellow Eye of Patients With Occult Neovascular Maculopathy secondary to Age-related Macular Degeneration. Annual Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida, May 1-6, 1994.
65. Ho A, Fisher Y, Sorenson J, Slakter J, Guyer DR, Yannuzzi L. A Pilot Study of ICG Guided Subretinal Surgery for Occult Subfoveal Choroidal Neovascularization. Annual Meeting of the Investigative Ophthalmology and Visual Science, Sarasota, Florida, May 1-6, 1994.
66. Guyer DR. ICG Angiography of Occult Choroidal Neovascularization. Guest speaker, International Macular Symposium, University of Missouri, Kansas City, MO, June 24, 1994.
67. Guyer DR. Anti-angiogenic Therapy of Choroidal Neovascularization. Guest speaker, International Macular Symposium, University of Missouri, Kansas City, MO, June 25, 1994.
68. Guyer DR. ICG-Guided Laser Photocoagulation of Focal Spots in Plaques. Nantucket Retina, Sept 29, 1994.
69. Guyer DR. Advances in Oculotherapy in Macular Degeneration. New York University Ophthalmology Alumni Day, October 1, 1994.
70. Guyer DR. ICG-Guided Laser Photocoagulation of Focal Spots at the Edge of Plaques. Retina Society, Williamsburg, VA, September 29, 1994.
71. Guyer DR. New Diagnostic Techniques and Treatment for Age-related Macular Degeneration. Guest Speaker, New York University, January 11, 1995.
72. Guyer DR. Ophthalmic Manifestations of Systemic Disease. Grand Rounds Speaker, Cornell-New York Hospital, January 12, 1995.
73. Guyer DR. ICG Angiography and Alternate Therapies for Macular Degeneration. Guest Speaker, Washington National Eye Center. January 21, 1995.
74. Guyer DR. Indocyanine Green Angiography of Occult Choroidal Neovascularization. Guest Speaker, Palm Beach Ophthalmological Society. February 21, 1995.
75. Guyer DR. Indocyanine Green Angiography of Occult Choroidal Neovascularization. Guest Speaker, Spanish Retina Vitreous Congress, Madrid, Spain. February 25, 1995.
76. Guyer DR. Diabetic Retinopathy. Lecturer, New York Hospital-Cornell Medical School, Division of Endocrinology, Diabetes & Metabolism.

77. Guyer DR. Laser Eligibility Based on ICG Angiography Results for Age-related Macular Degeneration. Ocular Circulation and Neovascularization Meeting. Budapest, Hungary, May 1995.
78. Guyer DR, Yannuzzi L, Slakter J, Schwart S, Valentini E, Sorenson J. Laser Eligibility Based Upon Digital Indocyanine Green Videoangiography of Occult Choroidal Neovascularization Secondary to Age-Related Macular Degeneration. Annual Meeting of Association for Research in Vision and Ophthalmology, Ft Lauderdale, FL, May, 1995.
79. Guyer DR. Pharmacologic Intervention for Choroidal Neovascularization. Ocular Circulation and Neovascularization Meeting. Budapest, Hungary, May 1995.
80. Guyer DR. Laser Eligibility Based on ICG Angiography Results for Age-related Macular Degeneration. ARVO, May 1995.
81. Valentini E, Guyer DR, Yannuzzi L, Slakter J, et al. Recurrent Occult Choroidal Neovascularization: Results of Indocyanine-green Videoangiography-guided Laser Photocoagulation in Age-related Macular Degeneration. Annual Meeting of the Association for Research in Vision and ophthalmology, Fort Lauderdale, May 14-19, 1995.
82. Schwartz S, Guyer DR, Yannuzzi L, Slakter J, et al. Indocyanine-green Videoangiography-guided Laser Photocoagulation of Primary Occult Choroidal Neovascularization in Age-related Macular Degeneration. Annual Meeting of the Association for Research in Vision and ophthalmology, Fort Lauderdale, May 14-19, 1995.
83. Guyer DR. ICG angiography: current status. Nantucket Retina, July, 28 1995
84. Guyer DR. ICG angiography update. Visiting Professor, University of Tubingen, Germany. September 11, 1995.
85. Guyer DR, Yannuzzi LA, Slakter JS, Sorenson JA et al. Indocyanine Green Videoangiography and Laser Treatment of Occult Choroidal Neovascularization. Amer Academy of Ophthalmol. Atlanta, GA. October 30, 1995.
86. Guyer DR. Macular Degeneration. Visiting Professor, Centro de Nano, Buenos Aires, Argentina, November 1995.
87. Guyer DR. Alternative Therapies of Macular Degeneration. Future of Ophthalmology. Manhattan Eye, Ear & Throat Hospital. January 1996.
88. Guyer DR. New Diagnostic and Therapeutic Trials for Age-Related Macular Degeneration. Visiting Professor, Wills Eye Hospital. February 14, 1996.
89. Guyer DR et al. Indocyanine Green Videoangiography as a Predictive Indicator of the Development of Exudative Disease in Patients With Drusen. Macula Society, February 24, 1996.
90. Guyer DR. Macular Degeneration. St. Vincent's Hospital. April 10, 1996.

91. Guyer DR. New Diagnostic and Therapeutic Approaches to Age-related Macular Degeneration. Visiting Professor, Georgetown University. April 17, 1996.
92. Ciardella A, Slakter J, Fisher y, Yannuzzi L, Guyer DR. Three-Dimensional Contact B-scan Ultrasonography of the Posterior Segment in Pathological Myopia. 1996 Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 21-26, 1996.
93. Sweeney T, Shirkey B, Dodick J, Guyer DR. Effects of Managed Care Organizations on New York Ophthalmologists. 1996 Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 21-26, 1996.
94. Polistina D, Shirkey B, Sweeney T, Guyer DR, Dodick J. Demographics of Physicians Participating in Managed Care in New York State. 1996 Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 21-26, 1996.
95. Guyer DR, Hanutsaha P, Yannuzzi I, Naing A, et al. Indocyanine Green Video Angiography of Drusen as a Possible Predictive Indicator of Exudative Maculopathy. 1996 Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, April 21-26, 1996.
96. Guyer DR. ICG as a predictive indicator of exudative changes in eyes with drusen. New York Hospital Cornell Medical Center, Alumni Meeting, 1996.
97. Guyer DR. New diagnostic and therapeutic approaches to age-related macular degeneration. Visiting Professor, New Mexico Ophthalmological Society, July 11-13, 1996.
98. Guyer DR. New diagnostic therapies for age-related macular degeneration. Guest Speaker, International Symposium of Retina and Vitreous, Brazilian Society of Retina and Vitreous, July 18-20, 1996, Belo Horizonte, Brazil.
99. Guyer DR. What we learned from the interferon study. Pre-Academy Retinal Meeting, American Academy of Ophthalmology meeting, November 1996, Chicago, IL.
100. Guyer DR. Oral presentation, Drugs and radiation for macular degeneration. American Academy of Ophthalmology meeting, November 1996, Chicago, IL.
101. Guyer DR, Hanutsaha P, Yannuzzi LA, Slakter JS et al. Indocyanine green videoangiography of eyes with drusen. Oral presentation, American Academy of Ophthalmology meeting, November 1996, Chicago, IL.
102. Guyer DR. New approaches in the diagnosis and treatment of age-related macular degeneration. Guest Lecturer, Kansas City Society of Ophthalmology and Otolaryngology. December 5, 1997
103. Guyer DR. New advances in macular degeneration. Guest Lecturer, New York University. January 22, 1997.

104. Guyer DR. New Approaches to Macular Degeneration. Visiting Professor, University of California, Los Angeles, Jules Stein Eye Institute. January 29, 1997.
105. Guyer DR. New Approaches to Macular Degeneration. Visiting Lecturer, Research Study Club of Los Angeles. January 31 1997.
106. Guyer DR. ICG Angiography. Guest Speaker, New England Ophthalmological Society, Boston, MA. February 28, 1997.
107. Guyer DR. What we learned from the interferon study. Guest Lecturer. International Business Communications Conference on Angiogenesis, Boston, MA, January 31, 1997.
108. Guyer DR. New Approaches to Macular Degeneration. Guest Speaker, Yale Alumni Meeting, New Haven, CT, June 13, 1997.
109. Guyer DR. Retina Update. South Africa Retina Society. Guest Speaker, Pretoria, South Africa, May 1997.
110. Tom D, Ciardella A, Spaide R, Orlock D, Guyer D, et al. Wide-Angle Angiography of the Eye. Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, May 11-16, 1997.
111. Chang A, Guyer DR, Orlock D, Yannuzzi L. Indocyanine Green Angiographic Findings of Drusen. Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, May 11-16, 1997.
112. Guyer DR. Fluorescein Angiography vs. ICG Angiography. Guest Speaker, Schepens International Society Meeting, Boston, MA, June 12-14, 1997.
113. Guyer DR. The Interferon Study. Macula Society, Florence, Italy, June 20, 1997.
114. Guyer DR. Age-Related Macular Degeneration. The Lighthouse. June 27, 1997.
115. Guyer DR. The Interferon Study. The Retina Society, Vancouver, BC, Canada, September 7, 1997.
116. Age-Related Macular Degeneration: New Diagnostic and Therapeutic Approaches. Grand Rounds. Cornell University School of Medicine, New York, NY, October 16, 1997.
117. Guyer DR. The Role of ICG Angiography. American Academy of Ophthalmology, San Francisco, CA, October 27, 1997.
118. Guyer DR. Indirect Laser Treatment of Drusen—Discussion. American Academy of Ophthalmology, San Francisco, CA, October 27, 1997.
119. Guyer DR. Pharmacological Therapy for Macular Degeneration. Hawaii 1998. Maui, Hawaii, January 19-22, 1998.
120. Guyer DR. ICG Angiography. Therapy for Macular Degeneration. Hawaii 1998. Maui,

Hawaii, January 19-22, 1998.

121. Guyer DR. Pharmacological Therapy for Macular Degeneration. Macula Society, Boca Raton, Florida, February 20, 1998.
122. Beade PE, Anagnoste S, Hsu J, Spaide R, Guyer DR. Growth Rates of Choroidal Neovascular Membranes in Age Related Macular Degeneration as Measured by Indocyanine Green Angiography. Annual Meeting of the Association For Research in Vision and Ophthalmology, Fort Lauderdale, Florida, May 10-15, 1998.
123. Anagnoste S, Orlock D, Spaide R, Guyer DR. Digital Compression of Ophthalmic Images: Maximum JPEG Compression Undetectable by Retina Specialists. Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, May 10-15, 1998.
124. Campeas L, Spaide R, Haas A, Yannuzzi L, Fisher Y, Guyer DR. Area Measurement of Choroidal, Vascular Hyperpermeability in Central Serous Chorioretinopathy. Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, May 10-15, 1998.
125. Slakter J, Orlock D, Guyer DR, et al. Remote Digital Reading Center for Evaluating Laser Treatment. Annual Meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida, May 10-15, 1998.
126. Gupta A, Sorenson J, Mandava J, Yannuzzi L, Slakter J, Guyer DR. Laser Photocoagulation of Extramacular Occult Choroidal Neovascularization Guided by Indocyanine Green Angiography. Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, May 10-15, 1998.
127. Katz J, Dodick J, Guyer DR. Cataract Extraction in Patients With Age-related Macular Degeneration. Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, May 10-15, 1998.
128. Guyer DR. New Therapies for Retinal Disease: Ophthalmic Challenges in the New Millennium. Rush Medical College, Chicago, IL, June 26, 1998.
129. Guyer DR. ICG Angiography for Macular Degeneration. Rush Medical College, Chicago, IL, June 26, 1998.
130. Guyer DR. Retinal Symposium, Moderator, American Society Cataract and Refractive Surgeons (ASCRS), Seattle, WA, April 10, 1999.
131. Guyer DR. New Treatments for Macular Degeneration. Guest Lecturer, Albert Einstein College of Medicine Alumni Day. May 27, 1999
132. Guyer DR. New Treatments for Macular Degeneration. Guest Speaker, Pan Hellenic Ophthalmological Meeting, Rhodes, Greece, June 3, 1999.
133. Guyer DR. New Drug Treatments for AMD. Retina Society, Maui, Hawaii, December 2,

1999.

134. Guyer DR. March to the Millennium: What's New in Retina. New York Society of Clinical Ophthalmology Meeting, December 6, 1999.
135. Guyer DR. Pharmacological Therapy for Macular Degeneration. Guest Faculty, Harvard Medical School, Course in New Treatments for Neovascularization Age-Related Macular Degeneration. January 17, 2000.
136. Guyer DR. Preliminary Results From a Phase II Dose-Response Study of Photodynamic Therapy With Motexafin Lutetium (Lu-TexTM) to Treat Subfoveal CNV. Annual Meeting of the Association of Vision and Ophthalmology, Stanford Connecticut, March 15, 2000.
137. Blumenkranz M, Guyer DR, Jerdin J, et al. Preliminary Results From a Phase II Dose-Response Study of Photodynamic Therapy With Motexafin Lutetium (Lu-TexTM) to Treat Subfoveal CNV. Annual Meeting of the Association in Vision and Ophthalmology, Stanford, Connecticut, April 30 – May 5, 2000.
138. Guyer DR. Photodynamic Therapy and new drugs for Age-Related Macular Degeneration. Guest Speaker, Ophthalmology Symposium Retina Update for the Millennium, Kaiser Permanente, Southern California Group. June 24, 2000.
139. Guyer DR. What's New in Diagnostic and Therapeutic Pressure in Macular Degeneration. Visiting Professor, Chile, October 5-6, 2000.
140. Guyer DR, Haller J, Klein M, Martin D, Anti-VEGF Therapy in Patients With Exudative Age-Related Macular Degeneration. IOVS, April-May 2001.
141. Guyer DR. Pharmacological Intervention for Macular Degeneration. Visiting Professor, Congress Of The European The European Society of Ophthalmology, Istanbul, Turkey, June 2-7, 2001.
142. Sunness J, Applegate C, Demopoulos H, Guyer DR. A Treatment Trial for Geographic Atrophy From AMD: The GAARD Study." Annual Meeting of the Association for Research in Vision and Ophthalmology. Baltimore, Maryland, April 29 – May 4, 2001.
143. Guyer DR. Pharmacological Intervention for Macular Degeneration. Visiting Professor, Congress Of The European Society of Ophthalmology. Istanbul, Turkey, June 2-7, 2001.
144. Guyer DR. Pharmacological Intervention for Macular Degeneration. The American Academy of Ophthalmology, Retinal Meeting, New Orleans, Louisiana, November 9, 2001.
145. Guyer DR. Anti-VEGF Therapy for Macular Degeneration, The American Academy of Ophthalmology, New Orleans, Louisiana, November 14, 2001.
146. Guyer DR. Pharmaceutical Intervention for Retinal Diseases, The Aspen Retinal Detachment Society, Aspen, Colorado, March 7, 2002.

147. Guyer DR. Anti-VEGF Therapy for Macular Degeneration, Scheie Eye Institute of Ophthalmology, Philadelphia, PA, April 3, 2002.
148. Guyer DR. New Drug Treatments for AMD. XXIXth International Congress of Ophthalmology, Sydney, Australia, April 21-25, 2002.
149. Guyer DR. New Drug Treatments for AMD. XXVII Congresso da Sociedade Brasileira de Retina e Vitreo. IX Forum GLADAOF, Sao Paulo, Brasil, May 23-25, 2002.
150. Guyer DR. Anti-Cryptic Epitopes for Ocular Neovascularization. Macula Society, Barcelona, Spain, June 15, 2002.
151. Guyer DR. Anti-VEGF Therapy for Patients with Exudative age-related Macular Degeneration: Results of Phase I and II Clinical Trials. Vienna, Austria, September 7-9, 2002.
152. Guyer DR. Macugen. Macula 2003, New York, January 18, 2003.
153. Guyer DR. Pharmacological Intervention for AMD: Anti-VEGF and Beyond. Sarasota Vitreo-Retinal Update Course, Sarasota, Florida, February 14, 2003.
154. Guyer DR. Ophthalmic Manifestations of Bioterrorism. Sarasota Vitreo-Retinal Update Course, Sarasota, Florida, February 14, 2003.
155. Guyer DR, New Advances in Macular Degeneration, Pharmacological Therapy for Diabetic Macular Edema, Combination Therapy for Retinal Disease – The Next Wave. Yale CME Spring Symposium, New Haven, Connecticut, June 10, 2005.

XVI. FINANCIAL PRESENTATIONS

1. Guyer DR, Biotechnology with a Focus on Eye Disease. JPMorgan 21st Annual Healthcare Conference, San Francisco, California, January 6-8, 2003
2. Guyer DR, Biotechnology with a Focus on Eye Disease, JPMorgan 22nd Annual Healthcare Conference, San Francisco, California, January 12 – 15, 2004.
3. Guyer DR. Biotechnology with a Focus on Eye Disease. SG Cowen 24th Annual Healthcare Conference, Boston, Massachusetts, March 7-11, 2004.
4. Guyer DR. Building a Company, Choosing a Partner. Allicense 2004: Creating and Sharing Value Through Alliances, San Francisco, California, April 6 – 7, 2004.
5. Guyer DR. Biotechnology with a Focus on Eye Disease. Morgan Stanley Second Annual Global Healthcare Unplugged, Miami, Florida, May 5-7, 2004.
6. Guyer DR. Moving Up – IPO's and M&A. MPM Biotechnology Retreat 2004, Bermuda, May 5, 2004.

7. Guyer DR. Biotechnology with a Focus on Eye Disease. Goldman Sachs 25th Annual Healthcare Conference, Dana Point, California, June 7-10, 2004.
8. Guyer DR. 4th Annual Merrill Lynch MedTech Fundamentals Conference, New York, New York, November 11, 2004.
9. Guyer DR. Biotechnology with a Focus on Eye Disease, 23rd Annual JPMorgan Healthcare Conference, San Francisco, California, January 10, 2005.
10. Guyer, DR. Magucen Update, Merrill Lynch Global Pharmaceutical, Biotechnology and Medical Device Conference, New York, New York, February 10, 2005.
11. Guyer DR. Biotechnology with a Focus on Eye Disease. Smith Barney Citigroup 2005 Healthcare Conference, Washington, D.C. March 30, 2005.
12. Guyer DR. Biotechnology with a Focus on Eye Disease. Lehman Brothers Eighth Annual Global Healthcare Conference, Miami Beach, Florida, March 31, 2005.
13. Guyer DR. Biotechnology with a Focus on Eye Disease. UBS 2005 Global Pharmaceuticals Conference, New York, New York, May 24, 2005.
14. Guyer DR. BIO CEO and Investor Conference - Session: "Ophthalmology: The Biotech Impact on Eye Disorders", New York, NY, February 15, 2006.