
Frederick (Rick) W. Fraunfelder, M.D.

[Casey Eye Institute](#)

3375 S.W. Terwilliger Blvd.

Portland, OR 97239

503-494-4318

503-418-2284 FAX

fraunfer@ohsu.edu

Faculty:

2008-present Director, Cornea/ External Disease/ Refractive Surgery Division Casey Eye Institute, Portland, Oregon

July 1, 2001 – present Associate Professor of Ophthalmology, Cornea/External Disease, Ocular Oncology, and Refractive Surgery, Casey Eye Institute, Oregon Health & Science University, Portland, Oregon

Board Certification: American Board of Ophthalmology, July 2002

Education:

2001-2002 Mini-fellowships: World Health Organization, Uppsala, Sweden
Food and Drug Administration, Baltimore, Maryland
Alcon Pharmaceuticals, Fort Worth, Texas

2000.1 Fellow, Cornea/External Disease and Refractive Surgery, Casey Eye Institute, Oregon Health Sciences University, Portland, Oregon

1997-00 Ophthalmology Resident, University of Washington Medical Center
Seattle, Washington

1995-97 Resident Medical Officer, Alice Springs Hospital
Alice Springs, NT Australia

1994-95 Medical Resident, Providence Medical Center
Portland, Oregon

1990-94 M.D., Oregon Health Sciences University
Portland, Oregon

1986-90 B.A. Economics, Baylor University
Waco, Texas

Societies and Organizations:

2008-present American Ophthalmological Society

2002-present American Medical Association

2002-present American Society of Cataract and Refractive Surgery

2001-present American Academy of Ophthalmology

1993-present Association for Research in Vision and Ophthalmology

2002-present Association for Ocular Pharmacology and Therapeutics

2002-present	Cornea Society- Member with Thesis
2002-present	International Society of Refractive Surgery
2002-present	International Society of Ocular Pharmacology and Therapeutics
2002-present	International Congress of Ophthalmology
2002-present	International Society of Pharmacoepidemiology
2002-present	International Society of Ocular Pharmacology
2002-present	Oregon Medical Association
2003-present	Oregon Academy of Ophthalmology

Offices:

2008	President Elect of International Society of Ocular Toxicology
2000-present	Director, National Registry of Drug-Induced Ocular Side Effects
2007-present	Director of CME events, Casey Eye Institute, Oregon Health and Science University
2002-2004	Institutional Review Board Member at Oregon Health & Science University
2001-present	Consultant, World Health Organization's Uppsala Monitoring Center, Uppsala, Sweden
2003-2007	Executive Board of Oregon Academy of Ophthalmology
2003-2007	HIPAA Faculty Representative at Oregon Health & Science University
2003	Casey Eye Institute Residency Selection Committee
2005-present	Associate Faculty Member for the Cornea Fellowship – Devers Eye Institute
2006-present	Lions Eye Bank of Oregon, Medical Advisory Committee
2003-present	Editorial Board: <u>Drugs of Today</u> <u>EyeNet</u> <u>Drugs of the Future</u> <u>Physicians Desk Reference</u>
2001-present	Reviewer: <u>American Journal of Ophthalmology</u> <u>Archives of Ophthalmology</u> <u>Ophthalmology</u> <u>Cornea</u> <u>Drugs of Today</u> <u>Journal of Glaucoma</u> <u>Journal of Refractive Surgery</u> <u>Journal of Cutaneous and Ocular Toxicology</u> <u>Expert Opinion on Drug Safety</u> <u>Ophthalmic and Physiological Optics</u> <u>Comprehensive Ophthalmology Update</u>

Research/Awards and Honors:

- 2008 Qualified and listed at [Trusted LASIK Surgeons](#), a LASIK directory that screens surgeons based on experience, professional credentials and premier patient care.
- 2007 American Academy of Ophthalmology Outstanding Achievement Award
- 2000-present American Academy of Ophthalmology annual instruction course in top ten percent within subject area.
- 2002 Collins Medical Trust: Decreased Tumor Recurrence After Excision and Cryotherapy For Surface Eye Tumors
- 2000 Heed Ophthalmic Foundation Fellowship award
- 1990-94 Research to Prevent Blindness Medical Student Fellowship
- 1991 Sigma Xi Grants-in-Aid of Research. John C. Morrison, M.D. and Frederick W. Fraunfelder, B.A. - "Corrosion Casting & Scanning Electron Microscopy of Aqueous Outflow Pathways of the Adult Rat Eye."
- July 1993 Ophthalmology Research Assistant: Keith Green, Ph.D., Medical College of Georgia, Augusta, Georgia. Research project: Effects of Calcium Channel Blockers on Rabbit Corneal Endothelial Function.
- 1990.93 Research Assistant for John C. Morrison, M.D., Casey Eye Institute & Oregon Regional Primate Center, Portland, Oregon.
- 1990 Outstanding Senior Man Baylor University

Publications:

Books

1. Roy, H., Fraunfelder, F.W., Fraunfelder, F.T. Current Ocular Therapy 6th edition. Elsevier, 2008.
2. Fraunfelder, F.W., Fraunfelder, F.T.: Clinical Ocular Toxicology. Media, Pennsylvania: Butterworth, 6th, Elsevier, 2008.
3. Fraunfelder F.W., Fraunfelder, F.T.; Drug-Induced Ocular Side Effects. Media, Pennsylvania: Butterworth, 5th edition, 2000, 824 pages.
4. Fraunfelder, F.W. Doctor Whitefella, Memoirs of an American M.D. in the Outback. In preparation.

Peer-Reviewed Journal Articles

Published:

1. [Lim LL, Fraunfelder FW, Rosenbaum JT](#). Reply. Arthritis Rheum. 2008 May;58(5):1556-7.
2. [Fraunfelder FW, Fraunfelder FT](#). Central serous chorioretinopathy associated with sildenafil. Retina. 2008 Apr;28(4):606-9.
3. [Myers TD, Fraunfelder FW](#). Bilateral anterior uveitis associated with clomiphene citrate. Ocul Immunol Inflamm. 2008 Jan-Feb;16(1):23-4.
4. [McGee HT, Fraunfelder FW](#). Toxicities of topical ophthalmic anesthetics. Expert Opin Drug Saf. 2007 Nov;6(6):637-40. Review.
5. [Lloyd MJ, Fraunfelder FW](#). Drug-induced optic neuropathies. Drugs Today (Barc). 2007 Nov;43(11):829-38.
6. Fraunfelder, F.W., Harrison, D.: Peripheral Ulcerative Keratitis Associated With Filgrastim. Cornea October 2007;26(3):368-369.
7. Limm, L.L., Fraunfelder, F.W., Rosenbaum, J.T. Do tumor necrosis factor inhibitors cause uveitis? A registry-based study. Arthritis Rheum. 2007 Sep 28;56(10):3248-3252.
8. Fraunfelder, F.W. Drug-induced ocular inflammatory diseases. Drugs of Today (Barc). 2007;43(2):117-123.
9. Santaella, R.M., Fraunfelder, F.W.: Ocular Side Effects Associated With Systemic Medications. Drugs 67(1):75-93, 2007.
10. Fraunfelder, F.W., Sadun, A.A., Wood, T.: Update on ethambutol optic neuropathy. Expert Opinion on Drug Safety 124(5):733-734, 2006.
11. Fraunfelder, F.W.: Ocular Adverse Effects Associated With Cyclooxygenase-2 Inhibitors (in reply). Archives of Ophthalmology 124(2):277-279, 2006.
12. Fraunfelder, F.W., Fraunfelder, F.T.: Scientific Challenges In Post-Marketing Surveillance of Ocular Adverse Drug Reactions. American Journal of Ophthalmology 143(1):145-149, 2007.
13. Mathers, W.D., Fraunfelder, F.W., Rich, L.F.: Risk of Lasik Surgery vs Contact Lenses. Archives of Ophthalmology 124(10):1510-1511, 2006.
14. Fraunfelder, F.W.: Corneal Toxicity From Topical Ocular and Systemic Medications. Cornea 25(10):1133-1138, 2006.
15. Fraunfelder, F.W., Shults, T.: Non-arteritic Anterior Ischemic Optic Neuropathy, Erectile Dysfunction Drugs, and Amiodarone. Journal of Neuro-Ophthalmology 26(1):1-3, 2006.

16. Fraunfelder, F.W., Pomeranz, H., Egan, R.A.: Non-arteritic ischemic optic neuropathy and sildenafil. Archives of Ophthalmology 124(5):733-4, 2006.
17. Fraunfelder, F.W.: Clomifene and optic neuritis. WHO SIGNAL March 2006.
18. Fraunfelder, F.W., Solomon, J., Mehelas, T.J.: Ocular Adverse Effects Associated With Cyclooxygenase-2 Inhibitors. Archives of Ophthalmology 124:277-279, 2006.
19. Fraunfelder, F.W.: Liquid Nitrogen Cryotherapy of Advancing Wavelike Epitheliopathy. Cornea 25(2):196-8, 2006.
20. Fraunfelder, F.W.: Pegaptanib (Macugen) for Wet Macular Degeneration. Drugs of Today 41:703-709, 2005.
21. Fraunfelder, F.W.: Ocular Side Effects Associated With Dietary Supplements and Herbal Medicines. Drugs of Today 41(8):537-45, 2005.
22. Fraunfelder, F.W.: Visual Side Effects Associated with Erectile Dysfunction Agents. American Journal of Ophthalmology 140(4):723-724, 2005.
23. Fraunfelder, F.W.: The Science and Marketing of Dietary Supplements. American Journal of Ophthalmology 140(2):302-304, 2005.
24. Fraunfelder, F.W.: Reply - Twice-Yearly Exams Not Necessary for Patients Taking Quetiapine. American Journal of Ophthalmology 140(2):348-349, 2005.
25. Falkenhagen, K.M., Braziel, R.M., Fraunfelder, F.W., and Smith, J.R.: B Cells in Ocular Adnexal Lymphoproliferative Lesions Express B Cell Attracting Chemokine 1 (CXCL13). Archives of Ophthalmology 140(2):335-337, 2005.
26. Egan, R.A., Fraunfelder, F.W.: Viagra and Anterior Ischemic Optic Neuropathy. Archives of Ophthalmology 123(5):709-710, 2005.
27. Fraunfelder, F.W., Fraunfelder, F.T.: Liquid Nitrogen Cryotherapy of a Conjunctival Vascular Tumor. Cornea 24(1):116-117, 2005.
28. Fraunfelder, F.W.: Twice-Yearly Exams Not Necessary for Patients Taking Quetiapine. American Journal of Ophthalmology 138(5):870-871, 2004.
29. Fraunfelder, F.W.: Epinastine Hydrochloride for Atopic Disease. Drugs of Today 40(8):677-83, 2004.
30. Fraunfelder, F.W.: Ocular Side Effects Associated with Herbal Medicines and Nutritional Supplements. American Journal of Ophthalmology 138(4):639-647, 2004.

31. Fraunfelder, F.W., Fraunfelder, F.T.: Evidence for a Probable Causal Relationship Between Tretinoin, Acitretin, and Etretinate and Intracranial Hypertension. Journal of Neuro-Ophthalmology 24(3):214-216, 2004.
32. Fraunfelder, F.W.: Adverse Ocular Side Effects from Over-the-Counter Lice Shampoo (letter). Archives of Ophthalmology 122(10):1575, 2004.
33. Fraunfelder, F.W., and Fraunfelder, F.T.: Ocular Side Effects Recently Identified by the National Registry of Drug-Induced Ocular Side Effects. Ophthalmology 111(7):1275-1279, 2004.
34. Fraunfelder, F.W.: Ocular Adverse Drug Reactions and the National Registry of Drug-Induced Ocular Side Effects Insight XXIX(2):7-11, 2004.
35. Fraunfelder, F.W., Fraunfelder, F.T., Corbett J.J.: Isotretinoin-Associated Intracranial Hypertension. Ophthalmology 111(6):1248-1250, 2004.
36. Fraunfelder, F.W., Rich, L.F.: LASIK Using the Nidek EC-5000 or the Alcon LADARVision 4000 systems. Journal of Refractive Surgery 20(2):127-131, 2004.
37. Wheeler, D., Fraunfelder, F.W.: Ocular Motility Dysfunction Associated With Chemotherapeutic Agents. Journal of American Association for Pediatric Ophthalmology and Strabismus 8(1):15-17, 2004.
38. Fraunfelder, F.W.: Ocular Side Effects Associated with Isotretinoin. Drugs of Today 40(1):23-7, 2004.
39. Fraunfelder, F.W.: Ocular Hemorrhage Possibly Due to HMG-CoA Reductase Inhibitors. Journal of Ocular Pharmacology and Therapeutics 20(2):179-82, 2004.
40. Fraunfelder, F.W., Fraunfelder, F.T.: Oculogyric Crisis in Patients Taking Cetirizine. American Journal of Ophthalmology 137(2):355-57, 2004.
41. Esmaeli, B., Diba, R., Ahmadi, A., Saadati, H.G., Faustina, M.M., Shepler, T.R., Talpaz, M., Fraunfelder, F.W., Rios, M.B., Kantarjian, H.: Periorbital Edema and Epiphora as Ocular Side Effects of Imatinib Mesylate (Gleevec). Eye advance online publication 23 January 2004.
42. Fraunfelder, F.W., Fraunfelder, F.T.: Topiramate Associated Acute, Bilateral, Secondary Angle-Closure Glaucoma. Ophthalmology 111(1):109-11, 2004.
43. Fraunfelder, F.W.: HMG-CoA Reductase Inhibitors and Ocular Haemorrhage. WHO Pharmaceuticals Newsletter 5:7, 2003.
44. Fraunfelder, F.W.: Ocular Side Effects Associated with Bisphosphonates. Drugs of Today 39(11):829-835, 2003.

45. Fraunfelder, F.W., Fraunfelder, F.T.: Adverse Ocular Side Effects From Over-the-Counter Lice Shampoo. Archives of Ophthalmology 121:1790-1791, 2003.
46. Fraunfelder, F.W.: Ocular Adverse Drug Reactions. Expert Opinion of Drug Safety 2(4):411-420, 2003.
47. Fraunfelder, F.W., Solomon, J., Druker, B.J., Esmali, B., Kuyl, J.: Ocular Side Effects Associated with Imatinib Mesylate (Gleevec®). Journal of Ocular Pharmacology and Therapeutics 19(4):371-5, 2003.
48. Fraunfelder, F.W., Fraunfelder, F.T.: Bisphosphonates and Ocular Inflammation. New England Journal of Medicine 348(12):1187-1188, 2003.
49. Fraunfelder, F.W., Fraunfelder, F.T.: Scleritis Associated With Pamidronate Disodium Use. American Journal of Ophthalmology 135(2):219-222, 2003.
50. Fraunfelder, F.W., Rich, L.F.: Possible Adverse Effects of Drugs Used in Refractive Surgery. Journal of Cataract and Refractive Surgery 29(1):170-175, 2003.
51. Fraunfelder, F.W., Fraunfelder, F.T.: Adverse Systemic Effects from Pledgets of Topical Ocular Phenylephrine 10%. American Journal of Ophthalmology 134(4):624-625, 2002.
52. Fraunfelder, F.W., Rich, L.F.: LASIK complications in Diabetes Mellitus. Cornea 21(3):246-8, 2002.
53. Fraunfelder, F.T., Fraunfelder, F.W., Edwards, R.: Ocular Side Effects Possibly Associated With Isotretinoin Usage. American Journal of Ophthalmology 132(3):299-305, 2001.
54. Fraunfelder, F.W., Wilson, S.E.: LASIK versus PRK In the Correction of Myopic Astigmatism. Cornea 20(4):385-387, 2001.
55. Fraunfelder, F.W., Fraunfelder, F.T., Edwards, R.: Diplopia and HMG-CoA Reductase Inhibitors. Journal of Toxicology – Cutaneous and Ocular Toxicology 18(4):287-289, 1999.
56. Fraunfelder, F.W., Rosenbaum, J.T.: Drug-Induced Uveitis: Incidence, Prevention and Treatment. Drug Safety 17(3):197-207, 1997.
57. Morrison, J.C., Fraunfelder, F.W., Milne S.T., and Moore, C.G.: Limbal Microvasculature of the Rat Eye. Investigative Ophthalmology 36(3):751-756, 1995.
58. Fraunfelder, F.W., Fraunfelder, F.T., and Illingworth, D.R.: Adverse Ocular Effects Associated with Niacin Therapy. British Journal of Ophthalmology 79(1):54-56, 1995.
59. Fraunfelder, F.T., Samples, J.R., and Fraunfelder, F.W.: Possible Optic Nerve Side Effects Associated with Nonsteroidal Anti-Inflammatory Drugs. Journal of Toxicology - Cutaneous and Ocular Toxicology 13(4):311-316, 1994.

60. Fraunfelder, F.T., Fraunfelder, F.W., and Jefferson, J.W.: The Effects of Lithium on the Visual System. Journal of Toxicology - Cutaneous and Ocular Toxicology 11(2):97-169, 1992.
61. Fraunfelder, F.T., and Fraunfelder, F.W.: Short-term Use of Carbonic Anhydrase Inhibitors and Hematologic Side Effects. Archives of Ophthalmology 110:446-447, 1992.
62. Fraunfelder, F.T., Coster, D.J., Drew, R., and Fraunfelder, F.W.: Ocular Injury Induced by Methyl Ethyl Ketone Peroxide. American Journal of Ophthalmology 110:635-640, 1990.

Pending/Submitted publications:

1. Fraunfelder, F.W. Liquid Nitrogen Cryotherapy of Conjunctivochalasis. Submitted to Cornea May 2008.
2. Fraunfelder, F.W. Liquid Nitrogen Cryotherapy of Primary and Recurrent Pterygia. Submitted to Ophthalmology, May 2008.
3. Fraunfelder, F.W. Liquid Nitrogen Cryotherapy of Conjunctival Amyloidosis. Submitted to Archives of Ophthalmology April 2008.
4. Fraunfelder, F.W. Liquid Nitrogen Cryotherapy of Superior Limbic Keratoconjunctivitis. Submitted to American Journal of Ophthalmology May 2008.
5. Fraunfelder, F.W. Liquid Nitrogen Cryotherapy of Conjunctival Sarcoidosis. Submitted to Cornea April 2008.
6. Fraunfelder, F.W. Liquid Nitrogen Cryotherapy of Vernal Keratoconjunctivitis. Submitted to Clinical Journal of Ophthalmology April 2008.
7. Fraunfelder, F.W. Strabismus associated with HMG-CoA Reductase Inhibitors. Submitted to Archives of Ophthalmology July 2008.

Thesis

Fraunfelder, F.W. Liquid Nitrogen Cryotherapy for External Eye Disease. Transactions of the American Ophthalmological Society 2008.

Chapters in Books

1. Fraunfelder, F. W.: Toxic Retinopathies. Duane's Clinical Ophthalmology, Vol. 3, Ch. 33, Toxic Retinopathies, 2007 edition, Lippincott Williams & Wilkins.
2. Fraunfelder, F.W.: Ocular Toxicology. PDR for Ophthalmic Medicines. Montvale, New Jersey: Medical Economics, Inc., 2007.
3. Fraunfelder, F.T., Fraunfelder, F.W. Toxic Optic Neuropathies. Mechanisms and Management, edited by Leonard A. Levin, M.D., and Daniel M. Albert, M.D., M.S. 2008.
4. Fraunfelder, F.W.: Ocular Toxicology. Duane's Clinical Ophthalmology, Lippincott Williams & Wilkins, 2007.
5. McGee, H., Fraunfelder, F.W.: Clinical Systemic Manifestations of Ocular Therapy. Ocular Therapeutics - An Eye on Discoveries, Elsevier. (Abbot Clark, Tom Yorio and Marty Wax eds.) 2006 [*in progress*].
6. Fraunfelder, F.W.: Ocular and Systemic Side Effects of Drugs. Vaughan and Asbury's General Ophthalmology, 17th ed. McGraw-Hill. (Paul Riordan-Eva and Jack Whitchee eds.), 2006.
7. Fraunfelder, F.W.: Ocular Side Effects of Prescription Medications. Pharmacovigilance. 2nd Edition. R.D. Mann and Elizabeth Andres (Eds.), John Wiley and Sons Ltd., Hoboken, NK, 2005 [*in press*].
8. Fraunfelder, F.W.: Ophthalmic Principles. Goldfrank's Toxicologic Emergencies, 8th edition, L.R. Goldfrank, N.E. Flomenbaum, N. A. Lewin, R.S. Weisman, M.A. Howland, R.S. Hoffman (Eds.), Appleton and Lange, Stamford, Connecticut, 2006.
9. Fraunfelder, F.W.: Ocular Toxicology. PDR for Ophthalmic Medicines. Montvale, New Jersey: Medical Economics, Inc., 2005.
10. Fraunfelder, F.W.: Ocular Toxicology. PDR for Ophthalmic Medicines. Montvale, New Jersey: Medical Economics, Inc., 2003.
11. Fraunfelder, F.W.: Ocular and Systemic Side Effects of Drugs. Vaughan and Asbury's General Ophthalmology, 16th ed. McGraw-Hill. (Paul Riordan-Eva and Jack Whitchee eds.), 2002.
12. Fraunfelder, F.W.: Ocular Adverse Drug Reactions. Pharmacovigilance. R.D. Mann and Elizabeth Andres (Eds.), John Wiley and Sons Ltd., Hoboken, NK, Sept. 2002, pp. 475-482.
13. Smilkstein, M., Fraunfelder, F.W.: Ophthalmic Principles. Goldfrank's Toxicologic Emergencies, 7th edition, L.R. Goldfrank, N.E. Flomenbaum, N. A. Lewin, R.S. Weisman, M.A. Howland, R.S. Hoffman (Eds.), Appleton and Lange, Stamford, Connecticut, April 2002, pp. 411-419.

14. Fraunfelder, F.W. and Fraunfelder, F.T.: Ocular Toxicology. Duane's Clinical Ophthalmology, Vol. 5, Ch. 37, 2002 edition. Lippincott Williams & Wilkins.
15. Fraunfelder, F. W., Fraunfelder, F. T., and Wood, T.: Toxic Retinopathies. Duane's Clinical Ophthalmology, Vol. 3, Ch. 33, 2002 edition, Lippincott Williams & Wilkins.
16. Fraunfelder, F.W., and Rich, L.F.: Epithelial Adhesion Disorders. Ocular Surface Disease: Diagnosis and Management. E.J. Holland and M.J. Mannis(Eds.), Springer Verlag, New York, Inc., Nov. 2001, pp. 58-64.
17. Fraunfelder, F.W., and Fraunfelder, F.T.: Schistosomiasis. Current Ocular Therapy, 5th Edition. F.T. Fraunfelder and H. Roy (Eds.), W. B. Saunders, Philadelphia, PA, Nov. 1998, pp. 134-135.
18. Fraunfelder, F.T., Fraunfelder, F.W.: Ocular Toxicology. Oxford Textbook of Ophthalmology, volume 2 Sections 2.11-3.24. D.L. Easty, J.M. Sparrow (Eds.), Oxford University Press, New York 1999, pp767-774.
19. Fraunfelder, F.T., Fraunfelder, F.W.: Ocular Toxicology. Oxford Textbook of Ophthalmology, volume 2 Sections 2.11-3.24. D.L. Easty, J.M. Sparrow (Eds.), Oxford University Press, New York 1999, pp767-774.
20. Fraunfelder, F.T., Fraunfelder, F.W.: Side-effects of Topical Ocular Medication. Oxford Textbook of Ophthalmology, volume 1 Sections 1-2.10. D.L. Easty, J.M. Sparrow (Eds.), Oxford University Press, New York 1999, pp80-85.
21. Fraunfelder, F.T., and Fraunfelder, F.W.: Erythema Multiforme Major. Current Ocular Therapy, 5th Edition. F. T. Fraunfelder and H. Roy (Eds.), W. B. Saunders, Philadelphia, PA., Nov. 1998, pp. 204-206.
22. Fraunfelder, F.W., and Fraunfelder, F.T.: Hypothermal Injury. Current Ocular Therapy, 5th Edition.
23. F. T. Fraunfelder and H. Roy (Eds.), W. B. Saunders, Philadelphia, PA., Nov. 1998, pp. 366-368.
24. Fraunfelder, F.W., and Fraunfelder, F.T.: Schistosomiasis. Current Ocular Therapy, 4th Ed.. F.T. Fraunfelder and H. Roy (Eds.), W. B. Saunders, Philadelphia, PA, 1995, pp. 134-135.
25. Fraunfelder, F.T., and Fraunfelder, F.W.: Erythema Multiforme Major. Current Ocular Therapy, 4th Edition. F. T. Fraunfelder and H. Roy (Eds.), W. B. Saunders, Philadelphia, PA., 1995, pp. 204-205.
26. Fraunfelder, F.W., and Fraunfelder, F.T.: Hypothermal Injury. Current Ocular Therapy, 4th Ed.. F. T. Fraunfelder and H. Roy (Eds.), W. B. Saunders, Philadelphia, PA, 1995, pp 366-388.

Recent Abstracts/ Posters:

1. Giegengack, M., Rich, L.F., Mathers, W.D., Fraunfelder, F.W.: DSAEK Experience Including Eyes With Altered Anterior Chamber Architecture. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, May 2007.
2. Lim, L.L, Fraunfelder, F.W., Fraunfelder, F.T., Rosenbaum, J.T.: TNF inhibitors and uveitis – is there a causal relationship? The American Academy of Ophthalmology (AAO), Las Vegas, Nevada, November 2006.
3. Lim, L.L, Fraunfelder, F.W., Fraunfelder, F.T., Rosenbaum, J.T.: TNF inhibitors and uveitis – is there a causal relationship? The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, May 2006.
4. Fraunfelder, F.W.: B Cells in Ocular Adnexal Lymphoproliferative Lesions Express B Cell Attracting Chemokine 1. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, May 2005.
5. Steele, E.A., Fraunfelder, F.W.: Thick Versus Thin Laser In Situ Keratomileusis Flaps in the Correction of Myopic Astigmatism. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, May 2005.
6. Kiuru, A.K., Fraunfelder, F.W., Edwards, I.R.: Bisphosphonates and ocular side effects. 8th World Congress on Clinical Pharmacology & Therapeutics, Brisbane, Australia (Brisbane Convention & Exhibition Centre), August 2004.
7. Fraunfelder, F.W., Fraunfelder, F.T.: Scleritis and other ocular side effects associated with pamidronate disodium. The International Symposium of Ocular Pharmacology and herapeutics (ISOPT), Monte Carlo, Monaco, March 2004.
8. Fraunfelder, F.T., Fraunfelder, F.W.: Drug-Related Adverse Effects of Clinical Importance to the Ophthalmologist, Anaheim, CA, November 2003.
9. Watkins, A., Macaluso, D.C., Fraunfelder, F.W., Rich, L.F., Mathers, W.D.: Late Traumatic Flap Dislocation Two Years Following LASIK. American Society of Cataract and Refractive Surgery, San Francisco, CA, April 2003.
10. Fraunfelder F.W., Rich, L.F. LASIK Complications in Diabetes Mellitus. International Congress of Ophthalmology, Sydney, Australia. June 2002.
11. Fraunfelder, F.W., Mathers, W.D. Enhanced Culture Detection of Acanthamoeba Organisms. International Congress of Ophthalmology, Sydney, Australia June 2002.
12. Fraunfelder F.W., Fraunfelder F.T. Ocular Side Effects Associated with Isotretinoin. International Congress of Ophthalmology, Sydney, Australia, June 2002

13. Fraunfelder F.W., Fraunfelder, F.T. Systemic Side Effects Associated with Topical Ocular Phenylephrine 10% in Pledglet Form. International Society of Ocular Pharmacology and Pharmaceutics, Seville, Spain, February 2002.
14. Fraunfelder, F.W., Harrison, D.A.; Survey of Treatment of Bacterial and Viral Conjunctivitis. Association of Research in Vision and Ophthalmology (ARVO) Conference, Fort Lauderdale, FL, 1999.
15. Fraunfelder, F.W., Milne, S.T., and Morrison, J.C.: Anterior Segment Microvasculature of the Rat Eye. Association of Research & Vision in Ophthalmology (ARVO) Conference, Sarasota, FL, 1992.

Lectures and Courses:

1. Frederick W. Fraunfelder, M.D. & Frederick T. Fraunfelder, M.D.: "Drug-Related Adverse Effects of Clinical Importance to the Ophthalmologist", American Academy of Ophthalmology, New Orleans, La., 11/2007.
2. Frederick W. Fraunfelder, M.D.: "Drug-Induced Ocular Side Effects of Clinical Importance", 6th International Symposium on Ocular Pharmacology and Therapeutics, Budapest, Hungary, 3/2007.
3. Frederick W. Fraunfelder, M.D. & Frederick T. Fraunfelder, M.D.: "Drug-Related Adverse Effects of Clinical Importance to the Ophthalmologist", American Academy of Ophthalmology, Las Vegas, NV, 11/13/2006.
4. Frederick W. Fraunfelder, M.D.: "Preservative in Glaucoma Medications", Alcon African American Glaucoma Advisory Meeting, Vancouver, British Columbia, 7/8/06.
5. Frederick W. Fraunfelder, M.D.: "Definitely DSAEK (Descemet Stripping Automated Endothelial Keratoplasty)", 31st University of Washington Department of Ophthalmology Annual Resident/Alumni Day, Seattle, Washington, 6/17/2006.
6. Frederick W. Fraunfelder, M.D.: "Drug-Induced Ocular Side Effects of Clinical Importance", 6th International Symposium on Ocular Pharmacology and Therapeutics, Berlin, Germany, 3/31/2006.
7. Frederick W. Fraunfelder, M.D.: "Common Eye Problems", 37th Annual Family Medicine Review, Portland, OR, 2/15/2006.
8. Frederick W. Fraunfelder, M.D. & Frederick T. Fraunfelder, M.D.: "Drug-Related Adverse Effects of Clinical Importance to the Ophthalmologist", American Academy of Ophthalmology, Chicago, IL, 10-16-2005.
9. Frederick W. Fraunfelder, M.D.: "Drug-Related Adverse Effects", Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO) Annual Continuing Education (ACE) Program for Ophthalmic Medical Personnel, Chicago, IL, 10-15-2005.

10. Frederick W. Fraunfelder, M.D.: "Liquid Nitrogen Cryotherapy for Surface Eye Disease", Corneal and External Disease Update, Portland, OR, 4-9-2005.
11. Frederick W. Fraunfelder, M.D.: "The Red Eye", 36th Annual Family Medicine Review, Portland, OR, 2-15-2005.
12. Frederick W. Fraunfelder, M.D.: "Drug-Induced Ocular Side Effects of Clinical Importance", Ophthalmology Grand Rounds, Portland, OR, 2-4-2005.
13. Frederick T. Fraunfelder, M.D. & Frederick W. Fraunfelder, M.D.: "Drug-Related Adverse Effects of Clinical Importance to the Ophthalmologist", American Academy of Ophthalmology, New Orleans, Louisiana, 10-24-2004.
14. Frederick W. Fraunfelder, M.D.: "The Aging Eye", Oregon Academy of Ophthalmology – The Hollywood Senior Center, Portland, OR, 10-21-2004.
15. Frederick W. Fraunfelder, M.D.: "Ocular Tumors", Current Issues in Ophthalmology for Ophthalmic Personnel, Portland, OR, 9-17-2004.
16. Frederick W. Fraunfelder, M.D.: "Liquid Nitrogen Cryotherapy for Surface Eye Disease", 59th Annual Oregon Ophthalmological Alumni Association Meeting, Portland, OR 9-14-2004.
17. D.S. Rajguru, M.D. & Frederick W. Fraunfelder, M.D.: "Cataracts Associated with Quetiapine (Seroquel)", 4th International Symposium on Ocular Pharmacology and Therapeutics, Monte Carlo, Monaco, 3-13-2004.
18. Frederick W. Fraunfelder, M.D. & Frederick T. Fraunfelder, M.D.: "Scleritis and Other Ocular Side Effects Associated with Pamidronate Disodium", 5th International Symposium on Ocular Pharmacology and Therapeutics, Monte Carlo, Monaco, 3-12-2004.
19. Chairperson Free Paper Session, Frederick W. Fraunfelder ISOPT Monte Carlo, Monaco 3-12-2004.
20. Frederick W. Fraunfelder, M.D.: "The Red Eye: When to Treat and When to Refer", 35th Annual Family Practice Review, Portland, OR, 2-2-2004.
21. Frederick W. Fraunfelder, M.D.: "Opening Comments and Updates", Refractive Surgery Clinical Case Conference, Portland, OR, 1-23-2004.
22. Frederick W. Fraunfelder, M.D. & Frederick T. Fraunfelder, M.D.: "Adverse Ocular Drug Reactions Recently Identified by the National Registry of Drug-Induced Ocular Side Effects", American Academy of Ophthalmology, Anaheim, CA, 11-16-2003.
23. Frederick W. Fraunfelder, M.D.: "Ocular Toxicity – Common and Uncommon Causes", Ophthalmology Grand Rounds, Portland, OR, 5-2-2003.

24. Frederick W. Fraunfelder, M.D.: "Opening Comments and Updates", Refractive Surgery Clinical Case Conference, Portland, OR, 3-28-2003.
25. Frederick W. Fraunfelder, M.D.: "LASIK Complications", Oregon Academy of Ophthalmology – OAO Technicians/Assistants Programs, Portland, OR, 2-28-2003.
26. Frederick W. Fraunfelder, M.D.: "The Red Eye: When to Treat and When to Refer", 34th Annual Family Medicine Review, Portland, OR, 2-13-2003.
27. Frederick W. Fraunfelder, M.D.: "Diagnosis and Treatment of Surface Eye Tumors", Ophthalmology Grand Rounds, Portland, OR, 2-7-2003.
28. Frederick W. Fraunfelder, M.D.: "Macular Function Testing; Glare Testing; Contrast Sensitivity Function", Ophthalmology Grand Rounds, Portland, OR 10-25-2002.
29. Frederick T. Fraunfelder, M.D. & Frederick W. Fraunfelder, M.D.: "Drug-Related Adverse Effects of Clinical Importance to the Ophthalmologist", American Academy of Ophthalmology - AAO/PAAO Joint Meeting, Orlando, Florida, 10-23-2002.
30. Frederick W. Fraunfelder, M.D.: "Dry Eye: A Feedback Model", Ophthalmology Grand Rounds, Portland, OR, 10-4-2002.
31. Frederick W. Fraunfelder, M.D.: "The Human Eye as an Optical System", Ophthalmology Grand Rounds, Portland, OR, 9-20-2002.
32. Frederick W. Fraunfelder, M.D.: "Surface Eye Tumors" & "Current Issues in Drug-Induced Ocular Side Effects/Issues in Ophthalmology in Other Countries", 57th Annual Oregon Ophthalmological Alumni Association Meeting, Portland, OR, 9-13-2002.
33. Frederick W. Fraunfelder, M.D.: "Assessment and Treatment of Common Eye Conditions in Primary Care", Washington State University Class – Advanced Assessment of Differential Diagnosis, Vancouver, WA, 5-10-2002.
34. Frederick W. Fraunfelder, M.D.: "Adverse Effects of Topical Ocular 10% Phenylephrine in Pledglet Form", 4th International Symposium on Ocular Pharmacology and Pharmaceutics (ISOPP), Seville, Spain, 3-2-2002.
35. Frederick W. Fraunfelder, M.D.: "Opening Comments and Updates", "LASIK Complications and Diabetes" & "Adverse Effects of Pledglets of 10% Phenylephrine", Refractive Surgery Clinical Case Conference, Portland, OR, 2-24-2002.
36. Frederick W. Fraunfelder, M.D.: "Refractive Surgery", 33rd Annual Family Medicine Review, Portland, OR, 2-11-2002.
37. Frederick W. Fraunfelder, M.D.: "Refractive Surgery and Who Makes a Good Candidate", Central Coast Medical Update, Newport, OR, 9-29-2001.

State Society Meetings and Alumni Days

1. Definitely DSAEK (Descemet Stripping Automated Endothelial Keratoplasty), 31st University of Washington Department of Ophthalmology Annual Resident/Alumni Day, Seattle, Washington, 6/17/2006.
2. Drug-Related Adverse Effects of Clinical Importance to the Ophthalmologist, Orange County Ophthalmology Society February 2008.
3. DSAEK and the History of Corneal Transplantation.: Oregon Ophthalmology Alumni Association. May 2007.
4. Global Freezing; Alternative Treatments of External Eye Disease With Liquid Nitrogen Cryotherapy. Oregon Ophthalmology Alumni Association, May 2008.

Resident Lectures:

1. "Optics" – Resident Lecture, 8-11-06.
2. "Congenital anomalies of the Cornea" - Resident Lecture, 9-23-2005.
3. "Cornea Conference" - Resident Orientation, 7-26-2005
4. "Cornea" - Resident Orientation, 7-12-2005
5. "Corneal Diseases, esp. Dry Eye" - Continuity Curriculum Clinics, 6-1-2005
6. "The human eye as an optical system, schematic eye, visual acuity", "Entopic phenomenon", "Automated refraction, macular testing, glare testing", "Aberrations, irregular astigmatism, wavefront analysis" - Resident Course: "Optics and Refraction and Contact Lenses", 8-13-2004
7. "OKAP Review/ Cornea and Optics" - Resident Lecture, 4-14-2004
8. "Introduction to Surgery of the Ocular Surface" - Resident Lecture, 10-31-2003
9. "Corneal Dystrophies and Metabolic Disorders Involving the Conjunctiva, Cornea and Sclera" Resident Lecture, 10-24-2003
10. "Current Ocular Therapy" - Resident Lecture, 8-29-2003
11. "Refractive Surgery" - Resident Lecture, 5-23-2003
12. "LASIK" - Ophthalmology Medical Student Lectures, 11-10-2002
13. "External, Anterior and Slit-lamp Exam" - Resident Orientation, 7-8-2002