



Jennifer Rose-Nussbaumer

Professor of Ophthalmology

CLINICAL OFFICE (PRIMARY)

- **Stanford Byers Eye Institute**

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Bio

BIO

Jennifer Rose-Nussbaumer is a board-certified ophthalmologist and fellowship-trained cornea specialist at the Byers Eye Institute at Stanford University. Her clinical practice focuses on corneal transplant, complex cataract surgery and treatment of infectious keratitis. After completing her fellowship in Cornea and External Disease at the University of California, San Francisco, she stayed on faculty and remained there until she transitioned to Stanford in 2021. She continues to collaborate closely with the FI Proctor Foundation as an Associate Proctor Researcher.

In addition to her clinical work, Dr. Rose-Nussbaumer is an NIH-funded researcher who focuses on randomized clinical trials in ophthalmology. She is the PI on a UG1 grant, Descemet Endothelial Thickness Comparison Trial (DETECT), a randomized clinical trial comparing UT-DSAEK to DMEK and ripasudil versus placebo in patients with endothelial disease such as Fuchs Endothelial Dystrophy. She is also the PI on the Steroids and Cross-linking for Ulcer Treatment Trial (SCUT II), a randomized clinical trial in collaboration with Aravind Eye hospital in India and the University of Sao Paulo looking at the benefit of adjunctive topical steroids, corneal crosslinking or rose bengal photodynamic therapy in the treatment of infectious ulcers.

As a native of Northern California, she loves spending time with her family and Bernese Mountain Dog, Kenji, exploring California's natural beauty through hiking and camping.

CLINICAL FOCUS

- Cornea and External Diseases Specialist
- Cataract Extraction

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Ophthalmology

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Methodologist, AAO, OTAC Refractive Panel (2024 - present)
- President, Ocular Microbiology Interest Group (2023 - 2024)

- Director-at-Large, Cornea Society (2023 - present)
- Associate Editor, Cornea (2021 - present)
- Managing Editor, JAMA Ophthalmology (2021 - present)

PROFESSIONAL EDUCATION

- Board Certification: Ophthalmology, American Board of Ophthalmology (2014)
- Fellowship: UCSF Cornea Fellowship (2013) CA
- Residency: OHSU Casey Eye Institute (2012) OR
- Cornea Fellowship, F.I. Proctor Foundation, University of California, San Francisco (2013)
- Internship: Legacy Emanuel Hospital and Health Center (2009) OR
- Ophthalmology, Casey Eye Institute, Oregon Health & Science University (2012)
- Medical Education: University of California at San Francisco School of Medicine (2008) CA
- MD, University of California, San Francisco, Medicine (2008)

LINKS

- CORNIA Research Lab: <https://ophth.su.domains/CORNIA/>
- Instagram: https://www.instagram.com/cornea_ontherun/

Research & Scholarship

CLINICAL TRIALS

- Descemet Endothelial Thickness Comparison Trial II, Recruiting
- DETECT I & II, Recruiting
- Cross-linking for Corneal Ulcers Treatment Trial, Not Recruiting
- Descemet Endothelial Thickness Comparison Trial, Not Recruiting
- Rose Bengal Electromagnetic Activation With Green Light for Infection Reduction, Not Recruiting
- Glaucoma Drainage Device and Endothelial Cell Loss Compare Trial, Not Specified

Publications

PUBLICATIONS

- **Distinguishing Factors for Microbial Keratitis Groups: A Cross-Sectional Survey of US Cornea Specialists.** *Cornea*
Vogt, E. L., Lu, M. C., Niziol, L. M., Tuli, S. S., Mian, S. I., Sugar, A., Amescua, G., Amin, S., Wozniak, R. A., Li, J. Y., Deng, S., Jeng, B. H., Rose-Nussbaumer, et al
2026
- **The Rise of Cultured Human Corneal Endothelial Cell Therapy.** *JAMA ophthalmology*
Feng, Y., Lin, C. C., Rose-Nussbaumer, J.
2026
- **Driving Forces and Perceived Barriers for the Adoption of Novel Endothelial Cell Therapies: An International Survey of Corneal Surgeons.** *Cornea*
Luan, Y., Ni Dhubghaill, S., Rose-Nussbaumer, J., de Kort, C., Romano, V., Oellerich, S.
2026
- **Adjunctive tacrolimus in the treatment of fungal keratitis requiring therapeutic penetrating keratoplasty.** *American journal of ophthalmology case reports*
Christy, S. J., Mandlik, K., Kumar, V., Kanchugantla, S. S., Abdelrahman, S., Rose-Nussbaumer, J.
2026; 41: 102506

- **LASIK for Hyperopia: A Report by the American Academy of Ophthalmology.** *Ophthalmology*
Santhiago, M. R., Steigleman, W. A., Al-Mohtaseb, Z. N., Awad, O. E., Hatch, K., Kang, J. J., Kuo, I. C., Lin, C. C., Pantanelli, S. M., Suh, L. H., Rose-Nussbaumer, J. R., Keenan, T. D., Schallhorn, et al
2026
- **Multimodal Deep Learning for Differentiating Bacterial and Fungal Keratitis Using Prospective Representative Data.** *Ophthalmology science*
Prajna, N. V., Assaf, J., Acharya, N. R., Rose-Nussbaumer, J., Lietman, T. M., Campbell, J. P., Keenan, J. D., Song, X., Redd, T. K.
2025; 5 (2): 100665
- **Contrast Sensitivity in Ultra-Thin DSAEK vs DMEK.** *JAMA ophthalmology*
Lin, C. C., Tran, E., Chamberlain, W. D., Xiao, X., Lietman, T., Rose-Nussbaumer, J.
2025
- **Predictors of Vision-Related Quality of Life in Patients Treated for Filamentous Fungal Keratitis.** *The ocular surface*
Prajna, N. V., Radhakrishnan, N., Lalitha, P., Rajaraman, R., Abdelrahman, S., Arnold, B., Lietman, T. M., Rose-Nussbaumer, J., Arboleda, A.
2025
- **Rose Bengal Electromagnetic Activation with Green Light for Infection Reduction (REAGIR) Study: A randomized, double-masked, sham-controlled clinical trial of rose bengal photodynamic therapy.** *Ophthalmology*
Nv, P., P, L., R, R., S, S., J, C., N, R., D, d. F., A, H. L., C, K., A, T., N, V., S, A., Bf, et al
2025
- **Infectious Keratitis Management: 10-Year Update.** *Journal of clinical medicine*
Pasricha, N. D., Larco, P., Miller, D., Altamirano, D. S., Rose-Nussbaumer, J. R., Alfonso, E. C., Amescua, G.
2025; 14 (17)
- **Adjunctive Topical Calcineurin Inhibitors During the Treatment of Fungal Keratitis: Practice Patterns and Opinions.** *Cornea*
Christy, J., Prathikanti, V., Abdelrahman, S., Pula, D., Rose-Nussbaumer, J., Prajna, N. V., Lietman, T. M., Seitzman, G. D.
2025
- **Steroids and Cross-Linking for Ulcer Treatment: The SCUT II Randomized Clinical Trial.** *JAMA ophthalmology*
Prajna, N. V., Lalitha, P., Chandru, S., Radhakrishnan, N., Christy, J., Karthikeyan, A., Rajaraman, R., Ramesh, R., Amescua, G., Mandlik, K., Abdelrahman, S., Varnado, N., Kanchugantla, et al
2025
- **Multimodal Deep Learning for Differentiating Bacterial and Fungal Keratitis Using Prospective Representative Data** *OPHTHALMOLOGY SCIENCE*
Prajna, N. V., Assaf, J., Acharya, N. R., Rose-Nussbaumer, J., Lietman, T. M., Campbell, J., Keenan, J. D., Song, X., Redd, T. K.
2025; 5 (2)
- **Reply.** *Cornea*
Arboleda, A., Prajna, N. V., Srinivasan, M., Mousa, H., Perez, V. L., Rose-Nussbaumer, J.
2025
- **Glaucoma tube shunt surgery with repeat penetrating keratoplasty in an aphakic patient.** *American journal of ophthalmology case reports*
Chiang, B., Wai, K., Naranjo, A., Smith, S., Rose-Nussbaumer, J., Liu, W. W.
2024; 36: 102145
- **Keratoplasty to restore vision in trichomatous corneal opacity: A literature review.** *PLoS neglected tropical diseases*
Davidson, I., Burton, M. J., Gupta, N., Kello, A. B., Rose-Nussbaumer, J., Solomon, A. W.
2024; 18 (11): e0012535
- **Intraoperative Aberrometry versus Preoperative Biometry for Intraocular Lens Power Calculations: A Report by the American Academy of Ophthalmology.** *Ophthalmology*
Pantanelli, S. M., Hatch, K., Lin, C. C., Steigleman, W. A., Al-Mohtaseb, Z., Rose-Nussbaumer, J. R., Santhiago, M. R., Keenan, T. D., Kim, S. J., Jacobs, D. S., Schallhorn, J. M.
2024
- **Descemet Endothelial Thickness Comparison Trial II (DETECT II): multicentre, outcome assessor-masked, placebo-controlled trial comparing Descemet membrane endothelial keratoplasty (DMEK) to Descemet stripping only (DSO) with adjunctive ripasudil for Fuchs dystrophy.** *BMJ open ophthalmology*

- Lin, C. C., Chamberlain, W., Benetz, B. A., Gensheimer, W., Li, J. Y., Jeng, B. H., Clover, J., Varnado, N., Abdelrahman, S., Srinivasan, A., Syed, Z. A., Koo, E. H., Arnold, et al
2024; 9 (1)
- **Association between in vitro susceptibility and clinical outcomes in fungal keratitis.** *Journal of ophthalmic inflammation and infection*
Lu, L., Prajna, N. V., Lalitha, P., Rajaraman, R., Srinivasan, M., Arnold, B. F., Acharya, N., Lietman, T., Rose-Nussbaumer, J.
2024; 14 (1): 42
 - **Steroids and Cross-Linking for Ulcer Treatment Trial II: Baseline Characteristics.** *Cornea*
Prajna, V. N., Radhakrishnan, N., Lalitha, P. S., Rajaraman, R., Christy, J., Venugopal, A., Abdelrahman, S., Srinivasan, A., Varnado, N., Arnold, B., Amescua, G., Lietman, T. M., Rose-Nussbaumer, et al
2024
 - **A double-masked, sham-controlled trial of rose bengal photodynamic therapy for the treatment of fungal and acanthamoeba keratitis: Rose Bengal Electromagnetic Activation with Green Light for Infection Reduction (REAGIR) study** *TRIALS*
Prajna, N., Lalitha, P., Sharma, S., de Freitas, D., Hofling-Lima, A., Varnado, N., Abdelrahman, S., Cavallino, Arnold, B. F., Lietman, T. M., Rose-Nussbaumer, J.
2024; 25 (1): 566
 - **A double-masked, sham-controlled trial of rose bengal photodynamic therapy for the treatment of fungal and acanthameoba keratitis: Rose Bengal Electromagnetic Activation with Green Light for Infection Reduction (REAGIR) Study.** *Research square*
Prajna, V., Prajna, L., Sharma, S., de Freitas, D., Höfling-Lima, A. L., Varnado, N., Abdelrahman, S., Cavallino, V., Arnold, B., Lietman, T., Rose-Nussbaumer, J.
2024
 - **Tissue Loss During Eye Bank Processing.** *JAMA ophthalmology*
Naranjo, A., Clover, J., Chamberlain, W., Stoeger, C. G., Lin, C. C., Rose-Nussbaumer, J.
2024
 - **Locality is the strongest predictor of expert performance in image-based differentiation of bacterial and fungal corneal ulcers from India.** *Indian journal of ophthalmology*
Rosenberg, C. R., Prajna, V., Srinivasan, M. K., Lalitha, P. C., Krishnan, T., Rajaraman, R., Venugopal, A., Acharya, N., Seitzman, G. D., Rose-Nussbaumer, J., Woodward, M. A., Lietman, T. M., Campbell, et al
2024
 - **Descemet Endothelial Thickness Comparison Trial 1 (DETECT 1): outcome masked, placebo-controlled trial comparing two types of corneal transplant surgeries and effect of rho kinase inhibitors on endothelial cell loss protocol.** *BMJ open ophthalmology*
Chamberlain, W., Lin, C. C., Li, J. Y., Gensheimer, W., Clover, J., Jeng, B. H., Varnado, N., Abdelrahman, S., Arnold, B. F., Lietman, T. M., Rose-Nussbaumer, J.
2024; 9 (1)
 - **Toric Monofocal Intraocular Lenses for the Correction of Astigmatism during Cataract Surgery: A Report by the American Academy of Ophthalmology.** *Ophthalmology*
Al-Mohtaseb, Z., Steigleman, W. A., Pantanelli, S. M., Lin, C. C., Hatch, K. M., Rose-Nussbaumer, J. R., Santhiago, M., Olsen, T. W., Kim, S. J., Schallhorn, J. M.
2023
 - **Mediators of Visual Acuity in Descemet Membrane Endothelial Keratoplasty and Ultrathin Descemet Stripping Automated Endothelial Keratoplasty.** *Cornea*
Lin, C. C., Chamberlain, W. D., Kakigi, C., Arnold, B. F., Rose-Nussbaumer, J.
2023
 - **Validation of the C-DU(KE) Calculator as a Predictor of Outcomes in Patients Enrolled in Steroids for Corneal Ulcer and Mycotic Ulcer Treatment Trials.** *Cornea*
Arboleda, A., Prajna, N. V., Lalitha, P., Srinivasan, M., Rajaraman, R., Krishnan, T., Mousa, H. M., Feghali, J., Acharya, N. R., Lietman, T. M., Perez, V. L., Rose-Nussbaumer, J.
2023
 - **Optimizing Office-Based Pterygium Surgery**
Collis, S., Sun, C., Parikh, N., Padmanabhan, S., Schallhorn, J., Rose-Nussbaumer, J., Yang, D., Bloomer, M., Pasricha, N., Chan, M.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2023

- **Effect of Simultaneous Endothelial Keratoplasty and Cataract Surgery: A Secondary Analysis of the Descemet Endothelial Thickness Comparison Trial.** *Cornea*
Chamberlain, W., Lin, C. C., Yue, J., Cavallino, V., Benetz, B. A., Lass, J. H., Arnold, B., Lietman, T. M., Rose-Nussbaumer, J.
2023
- **Comparison of Water-Free Commercially Available Cyclosporine Ophthalmic Preparations-Different, but the Same.** *JAMA ophthalmology*
Lozano, A. N., Shen, A., Rose-Nussbaumer, J.
2023
- **How Are Sicca Signs and Symptoms Associated With Depression Among Men Classified With and Without Sjogren Disease?** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Nortey, J., Shiboski, C., Rose-Nussbaumer, J., Bunya, V. Y., Lietman, T., Gonzales, J. A.
2023; 247: 96-102
- **Risk factors for corneal ulcers: a population-based matched case-control study in Nepal** *BRITISH JOURNAL OF OPHTHALMOLOGY*
Byanju, R., Kandel, R., Poudyal, B., Bhandari, S., Lugal, A., Pradhan, S., Gautam, M., Shrestha, P., Sah, R., Gonzales, J. A., Porco, T. C., Whitcher, J. P., Srinivasan, et al
2023; 107 (12): 1771-1775
- **Management of Pain after Photorefractive Keratectomy: A Report by the American Academy of Ophthalmology.** *Ophthalmology*
Steigleman, W. A., Rose-Nussbaumer, J., Al-Mohtaseb, Z., Santhiago, M. R., Lin, C. C., Pantanelli, S. M., Kim, S. J., Schallhorn, J. M.
2022
- **Mediators of the Effect of Corneal Cross-Linking on Visual Acuity for Fungal Ulcers: A Prespecified Secondary Analysis From the Cross-Linking-Assisted Infection Reduction Trial** *CORNEA*
Prajna, N., Radhakrishnan, N., Lalitha, P., Liu, Z., Keenan, J. D., Arnold, B. F., Rose-Nussbaumer, J.
2022; 41 (10): 1217-1221
- **Role of Ophthalmology in Emerging Infectious Diseases.** *JAMA ophthalmology*
Rose-Nussbaumer, J., Doan, T.
2022
- **Changes in Corneal Power up to Two Years after Endothelial Keratoplasty: Results from the Randomized Controlled DETECT Trial.** *American journal of ophthalmology*
Chamberlain, W., Shen, E., Werner, S., Lin, C., Rose-Nussbaumer, J.
2022
- **Femtosecond Laser-Assisted Cataract Surgery: A Report by the American Academy of Ophthalmology.** *Ophthalmology*
Lin, C. C., Rose-Nussbaumer, J. R., Al-Mohtaseb, Z. N., Pantanelli, S. M., Steigleman, W. A., Hatch, K. M., Santhiago, M. R., Kim, S. J., Schallhorn, J. M.
2022
- **Village-integrated eye workers for prevention of corneal ulcers in Nepal (VIEW study): a cluster-randomised controlled trial** *LANCET GLOBAL HEALTH*
O'Brien, K. S., Byanju, R., Kandel, R. P., Poudyal, B., Gonzales, J. A., Porco, T. C., Whitcher, J. P., Srinivasan, M., Upadhyay, M., Lietman, T. M., Keenan, J. D., Village-Integrated Eye Worker Tria
2022; 10 (4): E501-E509
- **Clinical Trial Design-The Best Approach Is Often the Simple One.** *JAMA ophthalmology*
Ma, K. K., Rose-Nussbaumer, J.
2022
- **Expert Performance in Visual Differentiation of Bacterial and Fungal Keratitis** *OPHTHALMOLOGY*
Redd, T. K., Prajna, N., Srinivasan, M., Lalitha, P., Krishnan, T., Rajaraman, R., Venugopal, A., Lujan, B., Acharya, N., Seitzman, G. D., Rose-Nussbaumer, J., Lietman, T. M., Campbell, et al
2022; 129 (2): 227-230
- **Patterns of Antifungal Resistance in Adult Patients With Fungal Keratitis in South India: A Post Hoc Analysis of 3 Randomized Clinical Trials.** *JAMA ophthalmology*
Prajna, N. V., Lalitha, P., Krishnan, T., Rajaraman, R., Radhakrishnan, N., Srinivasan, M., Devi, L., Das, M., Liu, Z., Zegans, M. E., Acharya, N. R., Porco, T. C., Lietman, et al

1800

- **Survey of the American Glaucoma Society Membership on Current Glaucoma Drainage Device Placement and Postoperative Corticosteroid Use.** *Clinical ophthalmology (Auckland, N.Z.)*
Yonamine, S., Ton, L., Rose-Nussbaumer, J., Ying, G., Ahmed, I. I., Chen, T. C., Weiner, A., Gedde, S. J., Han, Y.
2022; 16: 2305-2310
- **Associations Between Smoking and Primary Sjogren Syndrome Classification Using the Sjogren's International Collaborative Clinical Alliance Cohort** *ACR OPEN RHEUMATOLOGY*
Gebreegziabher, E. A., Oldenburg, C. E., Shiboski, S. C., Baer, A. N., Jordan, R. C., Rose-Nussbaumer, J. R., Bunya, V. Y., Akpek, E. K., Criswell, L. A., Shiboski, C. H., Lietman, T. M., Gonzales, J. A.
2022; 4 (3): 231-237
- **Double-masked, sham and placebo-controlled trial of corneal cross-linking and topical difluprednate in the treatment of bacterial keratitis: Steroids and Cross-linking for Ulcer Treatment Trial (SCUT II) study protocol.** *BMJ open ophthalmology*
Radhakrishnan, N., Prajna, V. N., Prajna, L. S., Venugopal, A., Narayana, S., Rajaraman, R., Amescua, G., Porco, T. C., Lietman, T. M., Rose-Nussbaumer, J.
2021; 6 (1): e000811
- **Double-masked, sham and placebo-controlled trial of corneal cross-linking and topical difluprednate in the treatment of bacterial keratitis: Steroids and Cross-linking for Ulcer Treatment Trial (SCUT II) study protocol** *BMJ OPEN OPHTHALMOLOGY*
Radhakrishnan, N., Prajna, V. N., Prajna, L. S., Venugopal, A., Narayana, S., Rajaraman, R., Amescua, G., Porco, T. C., Lietman, T. M., Rose-Nussbaumer, J.
2021; 6 (1)
- **Statistical Significance vs Clinical Significance-That Is the Question** *JAMA OPHTHALMOLOGY*
Rose-Nussbaumer, J.
2021; 139 (11): 1235
- **Descemet Endothelial Thickness Comparison Trial: Two-Year Results from a Randomized Trial Comparing Ultrathin Descemet Stripping Automated Endothelial Keratoplasty with Descemet Membrane Endothelial Keratoplasty** *OPHTHALMOLOGY*
Rose-Nussbaumer, J., Lin, C. C., Austin, A., Liu, Z., Clover, J., McLeod, S. D., Porco, T. C., Lietman, T. M., Dresner, S. M., Benetz, B., Lass, J. H., Chamberlain, W. D.
2021; 128 (8): 1238-1240
- **Masking Is Not Just for COVID-19** *JAMA OPHTHALMOLOGY*
Schallhorn, J. M., Rose-Nussbaumer, J.
2021; 139 (9): 1013-1014
- **Cross-Linking Assisted Infection Reduction (CLAIR): A Randomized Clinical Trial Evaluating the Effect of Adjuvant Cross-Linking on Bacterial Keratitis** *CORNEA*
Prajna, N., Radhakrishnan, N., Lalitha, P., Rajaraman, R., Narayana, S., Austin, A. F., Liu, Z., Keenan, J. D., Porco, T. C., Lietman, T. M., Rose-Nussbaumer, J.
2021; 40 (7): 837-841
- **Cross-Linking Assisted Infection Reduction: One-year Follow-up of a Randomized Clinical Trial Evaluating Cross-Linking for Fungal Keratitis** *OPHTHALMOLOGY*
Prajna, N., Radhakrishnan, N., Lalitha, P., Austin, A., Liu, Z., Keenan, J. D., Porco, T. C., Lietman, T. M., Rose-Nussbaumer, J.
2021; 128 (6): 950-952
- **Keratoplasty Outcomes in Patients With Uveitis** *CORNEA*
Hennein, L., Lambert, N. G., Chamberlain, W., Hirabayashi, K., Rose-Nussbaumer, J., Schallhorn, J. M.
2021; 40 (5): 590-595
- **Predictors of Vision-Related Quality of Life After Endothelial Keratoplasty in the Descemet Endothelial Thickness Comparison Trials.** *Cornea*
Pickel, J., Chamberlain, W. D., Lin, C. C., Austin, A., Clover, J., Lietman, T. M., Rose-Nussbaumer, J.
2021; 40 (4): 449-52
- **Overview of Neurotrophic Keratopathy and a Stage-Based Approach to Its Management** *EYE & CONTACT LENS-SCIENCE AND CLINICAL PRACTICE*
Safi, M., Rose-Nussbaumer, J.

2021; 47 (3): 140-143

- **Neuropathic Pain in the Eyes, Body, and Mouth: Insights from the Sjogren's International Collaborative Clinical Alliance** *PAIN PRACTICE*
Gebreegziabher, E. A., Bunya, V. Y., Baer, A. N., Jordan, R. C., Akpek, E. K., Rose-Nussbaumer, J., Criswell, L. A., Shiboski, C. H., Lietman, T. M., Gonzales, J. A.
2021; 21 (6): 630-637
- **Intraocular Lens Power Calculation in Eyes with Previous Excimer Laser Surgery for Myopia: A Report by the American Academy of Ophthalmology.** *Ophthalmology*
Pantanelli, S. M., Lin, C. C., Al-Mohtaseb, Z. n., Rose-Nussbaumer, J. R., Santhiago, M. R., Steigleman, W. A., Schallhorn, J. M.
2021
- **Re: Prajna et al.: Cross-Linking Assisted Infection Reduction: a randomized clinical trial evaluating the effect of adjuvant cross-linking on outcomes in fungal keratitis (<i>Ophthalmology</i>. 2020;127:159-166) REPLY** *OPHTHALMOLOGY*
Prajna, N., Radhakrishnan, N., Lalitha, P., Keenan, J. D., Porco, T. C., Lietman, T. M., Rose-Nussbaumer, J.
2021; 128 (1): E5
- **Re: Prajna et al.: Cross-Linking Assisted Infection Reduction: a randomized clinical trial evaluating the effect of adjuvant cross-linking on outcomes in fungal keratitis (<i>Ophthalmology</i>. 2020;127:159-166) <i>REPLY</i>** *OPHTHALMOLOGY*
Prajna, N., Radhakrishnan, N., Lalitha, P., Keenan, J. D., Porco, T. C., Lietman, T. M., Rose-Nussbaumer, J.
2021; 128 (1): E6-E7
- **Multifocal and Accommodating Intraocular Lenses for the Treatment of Presbyopia: A Report by the American Academy of Ophthalmology.** *Ophthalmology*
Schallhorn, J. M., Pantanelli, S. M., Lin, C. C., Al-Mohtaseb, Z. N., Steigleman, W. A., Santhiago, M. R., Olsen, T. W., Kim, S. J., Waite, A. M., Rose-Nussbaumer, J. R.
2021
- **Descemet Endothelial Thickness Comparison Trial: Two-year Results from a Randomized Trial Comparing Ultrathin Descemet Stripping Automated Endothelial Keratoplasty to Descemet Membrane Endothelial Keratoplasty.** *Ophthalmology*
Rose-Nussbaumer, J., Lin, C. C., Austin, A., Liu, Z., Clover, J., McLeod, S. D., Porco, T. C., Lietman, T. M., Dresner, S. M., Benetz, B. A., Lass, J. H., Chamberlain, W.
2020
- **Metagenomic Deep Sequencing to Investigate for an Infectious Etiology of Iridocorneal Endothelial Syndrome** *CORNEA*
Sutra, P., Rose-Nussbaumer, J., Gonzales, J. A., Wang, K., Hinterwirth, A., Seitzman, G., Bloomer, M., Acharya, N., Doan, T.
2020; 39 (10): 1307-1310
- **Ocular Clinical Signs and Diagnostic Tests Most Compatible With Keratoconjunctivitis Sicca: A Latent Class Approach** *CORNEA*
Gonzales, J. A., Shiboski, S. C., Bunya, V. Y., Akpek, E. K., Rose-Nussbaumer, J., Seitzman, G. D., Criswell, L. A., Shiboski, C. H., Lietman, T. M.
2020; 39 (8): 1013-1016
- **Reply.** *Ophthalmology*
Venkatesh Prajna, N., Radhakrishnan, N., Lalitha, P., Porco, T., Lietman, T. M., Rose-Nussbaumer, J.
2020; 127 (8): e56-e57
- **Clinical Outcomes of Micropulse Transscleral Cyclophotocoagulation in Patients with a History of Keratoplasty** *JOURNAL OF OPHTHALMOLOGY*
Lee, J., Vu, V., Lazcano-Gomez, G., Han, K., Suvannachart, P., Rose-Nussbaumer, J., Schallhorn, J., Hwang, D., Han, Y.
2020; 2020: 6147248
- **The Prognostic Value of Persistent Culture Positivity in Fungal Keratitis in the Mycotic Antimicrobial Localized Injection Trial** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
Pickel, J., Narayana, S., Krishnan, T., Ramakrishnan, S., Samantaray, P., Porco, T. C., Redd, T., Lietman, T. M., Rose-Nussbaumer, J.
2020; 215: 1-7
- **Change in Central and Peripheral Corneal Thickness in UT-DSAEK and DMEK in the Descemet Endothelial Thickness Comparison Trial**
Gutowski, M., Rose-Nussbaumer, J., Lin, C., Austin, A., Labadzinzki, P., Clover, J., Chamberlain, W.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2020
- **Corneal Collagen Cross-Linking Under General Anesthesia for Pediatric Patients With Keratoconus and Developmental Delay** *CORNEA*
Ahmad, T. R., Pasricha, N. D., Rose-Nussbaumer, J., T. Oatts, J., M. Schallhorn, J., Indaram, M.

2020; 39 (5): 546-551

- **Aberrant DNA methylation of miRNAs in Fuchs endothelial corneal dystrophy (vol 9, 16385, 2019) SCIENTIFIC REPORTS**
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