

Publications - Dr. N. Venkatesh Prajna

Peer-Reviewed Journals

1. Radhakrishnan N, Prajna NV. Commentary: Eye banking in post-COVID-19 era. *Indian J Ophthalmol* 2021 Dec;69(12):3663.
2. Soni T, Gunasekaran R, Das S, Mitra S, Prajna NV, Prajna L, Sharma S, Mohamed A. *Corynebacterium Keratitis: Pure Versus Mixed Infection and Antibiotic Susceptibility Patterns From Different Tertiary Eye Care Centers*. *Cornea*. 2021 Nov 4. [Epub]
3. Redd TK, Prajna NV, Srinivasan M, Lalitha P, Krishnan T, Rajaraman R, Venugopal A, Lujan B, Acharya N, Seitzman GD, Rose-Nussbaumer J, Lietman TM, Campbell JP, Keenan JD; Corneal Ulcer Image Interpretation Study Group, Study group members. Expert Performance in Visual Differentiation of Bacterial and Fungal Keratitis. *Ophthalmology*. 2021 Oct 5. [Epub]
4. Kumar A, Ali FS, Stevens VM, Melo JS, Venkatesh Prajna N, Lalitha P, Srinivasan M, Bhandari G, Bhandari S, Maamari RN, Fletcher DA, Lietman TM, Keenan JD. Smartphone-based Anterior Segment Imaging: A Comparative Diagnostic Accuracy Study of a Potential Tool for Blindness Prevalence Surveys. *Ophthalmic Epidemiol*. 2021 Oct 4:1-8. [Epub]
5. Loo J, Woodward MA, Prajna V, Kriegel MF, Pawar M, Khan M, Niziol LM, Farsiu S. Open-Source Automatic Biomarker Measurement on Slit-Lamp Photography to Estimate Visual Acuity in Microbial Keratitis. *Transl Vis Sci Technol*. 2021 Oct 4;10(12):2.
6. Prajna NV, Radhakrishnan N. Intrastromal natamycin: A well-aimed arrow in a difficult battle. *Indian J Ophthalmol*. 2021 Oct;69(10):2565.
7. Kathirvel K, Rudhra O, Rajapandian SGK, Venkatesh Prajna N, Lalitha P, Devarajan B. Characterization of antibiotic resistance and virulence genes of ocular methicillin-resistant *Staphylococcus aureus* strains through complete genome analysis. *Exp Eye Res*. 2021 Sep 8:108764. [Epub]
8. Prajna NV, Lalitha P, Chen C, Zhong L, Lietman TM, Doan T, Seitzman GD. Acute Keratoconjunctivitis Resulting From Coinfection With Avian Newcastle Virus and Human Adenovirus. *Cornea*. 2021 Sep 4. [Epub]

9. Tiwari M, Piech C, Baitemirova M, Prajna NV, Srinivasan M, Lalitha P, Villegas N, Balachandar N, Chua JT, Redd T, Lietman TM, Thrun S, Lin CC. Differentiation of Active Corneal Infections From Healed Scars Using Deep Learning. *Ophthalmology*. 2021 Aug 2. [Epub]
10. Radhakrishnan N, Smit D, Venkatesh Prajna N, Rathinam SR. Corneal Involvement in HIV-infected Individuals. *Ocul Immunol Inflamm*. 2021 Jul 7:1-6. [Epub]
11. Komal S, Radhakrishnan N, Vardhan S A, Prajna NV. Effectiveness of a Teleophthalmology Vision Center in Treating Corneal Disorders and Its Associated Economic Benefits. *Cornea*. 2021 Jun 9. [Epub]
12. Haneef A, Ramprasad OG, Rajendran DT, Nunes J, Dharmalingam K, Naveen R, Young T-H, Hsieh H-Y, Prajna NV, Willoughy CE, Williams R. Chemical Cross-Linking of Corneal Tissue to Reduce Progression of Loss of Sight in Patients With Keratoconus. *Transl Vis Sci Technol*. 2021;10(5):6.
13. Hazarika M, Prajna NV, Senthilkumari S. Drug reservoir function of voriconazole impregnated human amniotic membrane: an in vitro study. *Indian J Ophthalmol*. 2021 May;69(5):1068-1072.
14. Arunachalam D, Namperumalsamy VP, Prajna L, Kuppamuthu D. Human corneal epithelial cells internalize *Aspergillus flavus* spores by actin mediated endocytosis. *Infect Immun*. 2021 Mar 22:IAI.00794-20. [Epub]
15. Neha P, Prajna L, Gunasekaran R, Appavu SP, Rajapandian SGK, Naveen R, Namperumalsamy Venkatesh P. Clinical and demographic study of non-tuberculous mycobacterial ocular infections in South India. *Indian J Med Microbiol*. 2021 Jan;39(1):41-47.
16. Gunasekaran R, Janakiraman D, Rajapandian SGK, Appavu SP, Namperumalsamy Venkatesh P, Prajna L. *Periconia* species - An unusual fungal pathogen causing mycotic keratitis. *Indian J Med Microbiol*. 2021 Jan;39(1):36-40.
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18. Radhakrishnan N, Prajna NV. Commentary: Eye banking during COVID-19 pandemic. *Indian J Ophthalmol.* 2020 Nov;68(11):2372.
19. Prajna NV, Radhakrishnan N, Lalitha P, Rajaraman R, Narayana S, Austin AF, Liu Z, Keenan JD, Porco TC, Lietman TM, Rose-Nussbaumer J. Cross-Linking Assisted Infection Reduction (CLAIR): A Randomized Clinical Trial Evaluating the Effect of Adjuvant Cross-Linking on Bacterial Keratitis. *Cornea.* 2020 Oct 19. [Epub]
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Human Corneal Epithelial Stem Cells by Small RNA Sequencing. *Sci Rep.* 2020;10:7418.

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