**CURRICULUM VITAE**

**Amit K. Reddy, MD**

Assistant Professor

Department of Ophthalmology

University of Colorado School of Medicine

Sue Anschutz-Rodgers Eye Center

1675 Aurora Court, Mail Stop F-731

Aurora, CO 80045

**PREDOCTORAL EDUCATION**

2008 – 2012 Pre-Medical: Bachelor of Science, Biology

 Duke University

Durham, NC

*Magna Cum Laude, Graduated with Distinction*

2012 – 2016 Medical: Doctor of Medicine

University of Iowa Carver College of Medicine

Iowa City, IA

**POSTDOCTORAL TRAINING**

2016 – 2017 Internship: Preliminary - Medicine

University of California – San Francisco, Fresno

Program Director: Ivy Darden, MD

2017 – 2020 Residency: Ophthalmology, Department of Ophthalmology

University of Colorado School of Medicine, Aurora, CO

Program Director: Jeffrey SooHoo, MD

2020 – 2021 Fellowship: Uveitis and Ocular Inflammation

Francis I. Proctor Foundation

University of California – San Francisco

Program Director: John Gonzales, MD

**ACADEMIC APPOINTMENTS**

2021 – Assistant Professor, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO

**SPECIALTY BOARD CERTIFICATION**

2021 – American Board of Ophthalmology

**MEDICAL LICENSES**

2017 – 2020 Colorado Physician Training license (inactive)

2020 – California Physician License (active)

2021 – Colorado Physician License (active)

2022 - South Dakota Physician License (active)

**HOSPITAL STAFF APPOINTMENTS**

2021 – Children’s Hospital Colorado, Aurora, CO
2021 – Denver Health Medical Center, Denver, CO

2021 – University of Colorado Hospital, Aurora, CO

**HONORS, AWARDS AND RECOGNITION**

2018 Excellence on Ophthalmic Knowledge Assessment Program (OKAP) examination, Department of Ophthalmology, University of Colorado School of Medicine

**PROFESSIONAL MEMBERSHIPS**

2017 – American Academy of Ophthalmology (AAO)

2017 – Colorado Society of Eye Physicians and Surgeons (CSEPS)

2021 – American Uveitis Society (AUS)

**MAJOR COMMITTEE AND SERVICE RESPONSIBILITIES**

2021 – 2022 Co-Director, Virtual Uveitis Fellows Conference

2022 – Director, Residency Research

**Community Service**

2017 – 2020 Volunteer, DAWN Free Clinic, Aurora, CO

**EDITORIAL SERVICES TO SCHOLARLY PUBLICATIONS**

**Reviewer**

2021 - Ophthalmology and Therapy

2023 - Ocular Immunology and Inflammation

**CLINICAL TRIALS**

1. A Phase 3 Randomized, Active-Controlled, Double-Masked Study to Evaluate the Safety and Efficacy of TRS01 Eye Drops in the Treatment of Subjects with Active Non-infectious Anterior Uveitis including Subjects with Uveitic Glaucoma (TRS4Vision); Tarsier Pharma; Sub-Investigator; 2022-2023

**LECTURES (invited)**

**Local/Regional**

1. **Reddy AK**, Palestine AG. Eosinophilic granulomatosis with polyangiitis. Grand Rounds, Department of Ophthalmology, University of Colorado SOM, Aurora, CO. November 3, 2017.
2. **Reddy AK,** Palestine AG. Granulomatosis with Polyangiitis. Grand Rounds, Department of Ophthalmology, University of Colorado SOM, Aurora, CO. December 21, 2018.
3. **Reddy AK,** Pecen PE, Smith JM. Syphilitic uveitis. Grand Rounds, Department of Ophthalmology, University of Colorado SOM, Aurora, CO. April 3, 2020.
4. **Reddy AK.** Clinical trials in non-infectious uveitis: what we think we know. University of Colorado 25th Annual Ophthalmology Symposium. Aurora, CO. September 11, 2021.

**National**

1. **Reddy AK**. AIR or CAR? American Uveitis Society 25th Annual Winter Symposium. Park City, UT. January 16, 2022.
2. **Reddy AK**. We were surprised…and you will be too. American Uveitis Society 65th Annual Winter Symposium. Park City, UT. January 14, 2023.

**PUBLICATIONS**

**Peer Reviewed Publications – Pubmed Indexed**

1. Covo S, Westmoreland JW, **Reddy AK**, Gordenin DA, Resnick MA. RAD53 is limiting in double-strand break repair and in protection against toxicity associated with ribonucleotide reductase inhibition. *DNA Repair*. 2012 Mar;11(3):317-23. PubMed PMID: 22277748.
2. **Reddy AK**, Baker MS, Sobel RK, Whelan DA, Carter KD, Allen RC. Survivor of self- inflicted gunshot wounds to the head: characterization of ocular injuries and healthcare costs. *JAMA Ophthalmol*. 2014 Jun;132(6):730-6. PubMed PMID: 24676273.
3. Van Buskirk EK, **Reddy AK**, Nagatani A, Chen M. Photobody localization of phytochrome B is tightly correlated with prolonged and light-dependent inhibition of hypocotyl elongation in the dark. *Plant Physiol*. 2014 Jun;165(2):595-607. PubMed PMID: 24769533.
4. Bodanapally UK, Shanmuganathan K, Dreizin D, Stein DM, **Reddy AK**, Mirvis SE, Vasquez M, Cardarelli C, Guardiani E. Penetrating aerodigestive injuries in the neck: a proposed CT-aided modified selective management algorithm. *Eur Radiol*. 2016 Jul;26(7):2409-17. PubMed PMID: 26494643.
5. **Reddy AK**, Baker MS, Maltry AC, Syed NA, Allen RC. Immunopathology and histopathology of conjunctival biopsies in patients with presumed idiopathic punctal stenosis. *Br J Ophthalmol.* 2017 Feb;101(2):213-7. PubMed PMID:27073206.
6. Qui Y, Pasoreck EK, **Reddy AK**, Nagatani A, Ma W, Chory J, Chen M. Mechanism of early light signaling by the carboxy-terminal output module of Arabidopsis phytochrome B. *Nat Commun*. 2017 Dec;8(1):1905. PubMed PMID: 29199270.
7. **Reddy AK**, Patnaik JL, Miller DC, Lynch AM, Palestine AG, Pantcheva MB. Risk factors associated with persistent anterior uveitis after cataract surgery. *Am J Ophthalmol*. 2019 Oct;206:82-86. PubMed PMID: 30794788.
8. **Reddy AK**, Lau MK, Sieck EG, Kolfenbach JR, Palestine AG. Retinal artery occlusion followed by contralateral amaurosis fugax in association with eosinophilic granulomatosis with polyangiitis (Churg-Strauss syndrome). *Am J Ophthalmol Case Rep*. 2020 Apr;18:100683. Pubmed PMID: 32309675.
9. Carvajal Bedoya G, Caplan L, Christopher KL, **Reddy AK**, Ifantides C. Tattoo granulomas with uveitis. *J Investig Med High Impact Case Rep*. 2020 Jan-Dec;8. PubMed PMID: 33238758.
10. Koduri VA, **Reddy AK**, Patnaik JL, Palestine AG, Lynch AM, Pantcheva MB. Endoscopic cyclophotocoagulation combined with phacoemulsification increases risk of persistent anterior uveitis compared to phacoemulsification surgery alone. *Clin Ophthalmol*. 2021 Feb;15:437-43. Pubmed PMID: 33574652.
11. Gonzales JA, Doan T, VanZante A, Stewart JA, Sura A, **Reddy A**, Rasool N. Detection of *Tropheryma whipplei* genome from the aqueous humor by metagenomic deep sequencing. *Ann Intern Med*. 2021 Sep;174(9):1329-30. Pubmed PMID: 34125575.
12. McKay KM, Apostolopoulos N, Dahrouj M, Nguyen HV, **Reddy A**, Blazes M, Lacy M, Pepple KL, Lee AY, Lee CS. Assessing the uniformity of uveitis clinical concepts and associated ICD-10 codes across health care systems sharing the same electronic health records system. *JAMA Ophthalmol*. 2021 Aug;139(8):887-94. Pubmed PMID: 34196692.
13. **Reddy AK**, Hauswirth SG, Gregory DG, Liao SD, Palestine AG. Dupilumab-associated cicatrizing ocular disease. *Am J Ophthalmol Case Rep*. 2022 Apr;26:101528. PubMed PMID: 35479518.
14. Sura AA, **Reddy AK**, Babic K, Saifee M, Acharya NR, Gonzales JA, Doan TA. Occult cause of uveitis-glaucoma-hyphema syndrome diagnosed during treatment with endocyclophotocoagulation (ECP). *Am J Ophthalmol Case Rep*. 2022 Apr;26;101537. PubMed PMID: 35464683.
15. Mudie LI, **Reddy AK**, Patnaik JL, Pecen P, Kim E, Cole K, Palestine AG. Evaluation of the SUN classification criteria for uveitides in an academic uveitis practice. *Am J Ophthalmol*. 2022 Sep;241:57-63. PubMed PMID: 35469789.
16. Gonzales JA, Nortey J, **Reddy A**, Doan T, Acharya NA. Intraocular inflammation associated with IRAK4 deficiency. *Ocul Immunol Inflamm*. Epub 2022 Apr. 2023 May;31(4):874-876. PubMed PMID: 35442872.
17. **Reddy AK**, Pecen PE, Patnaik JL, Palestine AG. Single institution experience of intravitreal 0.18 mg fluocinolone acetonide implant for non-infectious uveitis. *Ophthalmol Retina*. Epub 2022 Jul. 2023 Jan;7(1):67-71. PubMed PMID: 35820567.
18. Shantha J, **Reddy AK**, Sura A, Tsang A, Moussa K, Acharya N, Gonzales J, Doan T. Bilateral anterior and intermediate uveitis in SARS-CoV-2 associated multisystem inflammatory syndrome in a pediatric patient. *Pediatr Rheumatol Online J*. 2022 Jul; 20(1):59. PubMed PMID: 35907878.
19. Mehta N, Taravella MJ, **Reddy AK**. Necrotizing scleritis secondary to exposed polypropylene suture. *Ophthalmol*. 2022 Sep. Online ahead of print. Pubmed PMID: 36100503.
20. **Reddy AK**, Kolfenbach JR, Palestine AG. Ocular manifestations of rheumatoid arthritis. *Curr Opin Ophthalmol*. Epub 2022 Sep. 2022 Nov 1;33(6):551-556. Pubmed PMID: 36165413.
21. Marin IA, Deitz GA, Mudie LI, **Reddy AK**, Palestine AG. Bilateral choroidal effusions and angle closure in the setting of systemic capillary leak syndrome from HLA-directed vaccine and pembrolizumab therapy for squamous cell carcinoma. *Am J Ophthalmol Case Rep*. 2022 Dec;29:101777. Pubmed PMID: 36578801.
22. **Reddy A**, Su-Hsun L, Brady CJ, Sieving PC, Palestine AG. Corticosteroid implants for chronic non-infectious uveitis. *Cochrane Database Syst Rev*. 2023 Jan;1(1). Pubmed PMID: 36645716.
23. Sura AA, Sun Y, **Reddy AK**, Rathinam SR, Gonzales JA, Thundikandy R, Vedhanayaki R, Kanakath A, Murugan B, Doan TA, Lim LL, Suhler EB, Al-Dhibi HA, Acharya NR, FAST Research Group. Reduce dose methotrexate and mycophenolate mofetil in noninfectious uveitis: a sub-analysis from the First-Line Antimetabolites as Steroid Sparing Therapy (FAST) Trial. *Ocul Immunol Inflamm*. 2023 Jan 26;1-6. Online ahead of print. Pubmed PMID: 36701644.
24. **Reddy AK**, Patnaik JL, Pecen PE, Palestine AG. Short-acting corticosteroid injections predict response to fluocinolone implant. *Ophthalmol Retina*. Epub 2023 April. PubMed PMID: 37088244.
25. **Reddy AK**, Miller DC, Sura AA, Rathinam SR, Gonzales JA, Thundikandy R, Kanakath A, Murugan B, Vedhanayaki R, Lim LL, Suhler EB, Doan TA, Al-Dhibi HA, Goldstein DA, Arellanes-Garcia L, Acharya NR. Risk of failing both methotrexate and mycophenolate mofetil from the First-Line Antimetabolites as Steroid-sparing Treatment (FAST) uveitis trial. *J Ophthalmic Inflamm Infect*. 2023 Jun 9;13(1):29. PubMed PMID: 37294447.

**Peer Reviewed Publications – Non-Pubmed Indexed**

1. **Reddy AK**, McAllister AR, Syed NA, Allen RC. Conjunctival rhinosporidiosis in a temperate climate. EyeRounds.org. posted November 3, 2015; available from <http://eyerounds.org/cases/224-rhinosporidiosis.htm>
2. McConnell LK, **Reddy AK**, Allen RC. The xanthelasmas that weren’t. *EyeNet Magazine: Morning Rounds.* 2017 January.

**ABSTRACTS**

**Competitive (Posters)**

# Reddy AK, Chen M. Identification of residues important for dimerization of the *Arabidopsis* phytochrome B histidine kinase-related domain. Poster Presentation. *Biology Graduation with Distinction Poster Symposium*. Duke University, Durham, NC. 2012 April 20.

# Reddy AK, Allen RC. Ophthalmic findings and cost analysis in survivors of self-inflicted gunshot wounds to the head. Oral Presentation. *45th Annual Medical Student Research Day Conference*. University of Iowa Carver College of Medicine, Iowa City, IA. 2013 September 6.

# Reddy AK, Baker MS, Maltry AC, Syed NA, Allen RC. Immunopathology of conjunctival biopsies in patients with punctal stenosis. Poster Presentation. *Association for Research in Vision and Ophthalmology* *Annual Meeting*. Denver, CO. 2015 May 4.

# Allen RC, Reddy AK, Baker MS, Maltry AC, Syed NA. Immunopathology of conjunctival biopsies in patients with punctal stenosis. *American Society of Ophthalmic Plastic and Reconstructive Surgery Spring Meeting*. St. Thomas, U.S. Virgin Islands. 2015 May 17.

# Allen RC, Reddy AK, Baker MS, Maltry AC, Syed NA. Immunopathology of conjunctival biopsies in patients with punctal stenosis. *European Society of Ophthalmic Plastic and Reconstructive Surgery 2015 Annual Meeting*. Brussels, Belgium. 2015 September 12.

# Reddy AK, Patnaik JL, Miller DC, Lynch AM, Palestine AG, Pantcheva MB. Risk factors associated with persistent anterior uveitis after cataract surgery. Oral Presentation. *22nd Annual Ophthalmology Resident, Fellow, Faculty and Alumni Research Day.* Aurora, CO. 2018 June 23.

# Reddy AK, Patnaik JL, Miller DC, Lynch AM, Palestine AG, Pantcheva MB. Risk factors associated with persistent anterior uveitis after cataract surgery. Poster Presentation. *American Academy of Ophthalmology 2018 Annual Meeting*. Chicago, IL. 2018 October 28.

# Nau SA, Scott RA, Patnaik JL, Kolfenbach J, Palestine AG, Reddy AK. Cataract surgery outcomes in patients with non-ocular autoimmune disease. *Association for Research in Vision and Ophthalmology Annual Meeting.* Denver, CO. 2022 May.

# Mudie LI, Reddy AK, Patnaik JL, Pecen P, Kim E, Cole K, Palestine AG. Evaluation of the SUN classification criteria for the uveitidies in an academic uveitis practice. *Association for Research in Vision and Ophthalmology Annual Meeting.* Denver, CO. 2022 May.

# Reddy AK, Palestine AG. Plasma factor VIII activity in ocular inflammatory disease. *Association for Research in Vision and Ophthalmology Annual Meeting.* New Orleans, LA. 2023 April.