

CURRICULUM VITAE

PERSONAL INFORMATION

Name: Rajeev Kumar Reddy Pappuru

Office Address: L.V.Prasad Eye Institute,
Kallam Anjji Reddy Campus
Banjara hills,
Hyderabad - 500034
India

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WORK EXPERIENCE

October 2012 - Till date Head of service
Smt. Kanuri Santhamma Retina Vitreous Services
L V Prasad Eye Institute,
Hyderabad
India

Jan 2011 – September 2012 Associate Ophthalmologist
Smt Kanuri Santhamma Retina Vitreous Service
L V Prasad Eye Institute,
Hyderabad
India

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June 2009 – May 2010

Senior grader & Visiting Research scholar

Doheny Image Reading Center

University of Southern California

Los Angeles

USA

Jan 2007 – December 2010

Assistant Ophthalmologist

Smt Kanuri Santhamma Retina Vitreous Service

L V Prasad Eye Institute,

Hyderabad

July 2006-December 2006

Junior ophthalmologist

Smt Kanuri Santhamma Retina Vitreous Service

L V Prasad Eye Institute

Hyderabad

May 2004 – July 2006

Assistant Ophthalmologist

Sri Bhagawan Mahavir Vitreoretinal Service

Sankara Nethralaya,

Chennai

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EDUCATIONAL QUALIFICATION

- MBBS:** December, 1996.
Osmania medical college
Hyderabad.
- MD (Ophthalmology):** May, 2001.
Sarojini Devi Eye Hospital,
Osmania Medical College
Hyderabad.
- Clinical research fellowship:** October 2001-March 2002
Sankara Nethralaya,
Chennai.
- Vitreoretinal fellowship:** April, 2001- March, 2004
Sankara Nethralaya
Chennai
- Retina Research fellowship** June 2009 – May 2010
Doheny eye Institute,
University of Southern California
Los Angeles.

Society Memberships:

National and International

American Academy of Ophthalmology

Uveitis Society of India

Vitreoretinal Society of India

All India Ophthalmic Society

European Retina Society

Local

Andhra Pradesh State Ophthalmic Association

Hyderabad Ophthalmic Association

PUBLICATIONS

Peer-reviewed Journals

- 1) 1: Dave VP, Pappuru RR. Idiopathic multiple retinal pigment epithelial detachments - A case report. Saudi J Ophthalmol. 2015 Oct-Dec;29(4):295-7. doi:10.1016/j.sjopt.2015.05.006. Epub 2015 May 19. PubMed PMID: 26586982; PubMed Central PMCID: PMC4625390.
- 2) Dave VP, Jalali S, Nayaka A, Pappuru RR, Pathengay A, Das T. CLINICAL PRESENTATIONS AND OUTCOMES OF RHEGMATOGENOUS RETINAL DETACHMENT IN RETINITIS PIGMENTOSA. Retina. 2015 Dec 11. [Epub ahead of print] PubMed PMID: 26655616.
- 3) Ganguly A, Pappuru RR, Ali MJ, Mishra DK, Naik MN. Ophthalmic Artery Occlusion Following Transconjunctival Orbitotomy. Ophthal Plast Reconstr Surg. 2016 Jan 4. [Epub ahead of print] PubMed PMID: 26730858.
- 4) Chhablani JK, Deshpande R, Sachdeva V, Vidya S, Rao PS, Panigati A, Mahat B, Pappuru RR, Pehere N, Pathengay A. Choroidal thickness profile in healthy Indian children. Indian J Ophthalmol. 2015 Jun;63(6):474-7. doi: 10.4103/0301-4738.162577. PubMed PMID: 26265634; PubMed Central PMCID: PMC4550976.
- 5) Dave T, Dave VP, Shah G, Pappuru RR. DIFFUSE CHOROIDAL HEMANGIOMA MASQUERADING AS CENTRAL SEROUS CHORIORETINOPATHY TREATED

- WITH ORAL PROPRANOLOL. Retin Cases Brief Rep. 2015 Jul 8. [Epub ahead of print] PubMed PMID: 26164043.
- 6) Jindal A, Pathengay A, Jalali S, Mathai A, Pappuru RR, Narayanan R, Chhablani J, Sharma S, Das T, Flynn HW Jr. Microbiologic spectrum and susceptibility of isolates in delayed post-cataract surgery endophthalmitis. Clin Ophthalmol. 2015 Jun 16;9:1077-9. doi: 10.2147/OPTH.S82852. eCollection 2015. PubMed PMID: 26124631; PubMed Central PMCID: PMC4476472.
 - 7) Chhablani J, Rao PS, Venkata A, Rao HL, Rao BS, Kumar U, Narayanan R, Pappuru RR. Choroidal thickness profile in healthy Indian subjects. Indian J Ophthalmol. 2014 Nov;62(11):1060-1063. doi:10.4103/0301-4738.146711. PubMed PMID: 25494246; PubMed Central PMCID: PMC4290194.
 - 8) Chhablani J, Panchal B, Das T, Pathengay A, Motukupally SR, Pappuru RR, Basu S, Sangwan V. Endophthalmitis in Boston keratoprosthesis: case series and review of literature. Int Ophthalmol. 2014 Sep 3. [Epub ahead of print] PubMed PMID: 25183460.
 - 9) Chhablani J, Kozak I, Jonnadula GB, Venkata A, Narayanan R, Pappuru RR, Rao PS. CHOROIDAL THICKNESS IN MACULAR TELANGIECTASIA TYPE 2. Retina. 2014 Jun 3.
 - 10) Vaddavalli PK, Diakonis VF, Canto AP, Kankariya VP, Pappuru RR, Ruggeri M, Banitt MR, Kymionis GD, Yoo SH. Factors affecting DSAEK graft lenticle adhesion: an in vitro experimental study. Cornea. 2014 Jun;33(6):551-4.
 - 11) Jindal A, Pathengay A, Mithal K, Jalali S, Mathai A, Pappuru RR, Narayanan R, Chhablani J, Motukupally SR, Sharma S, Das T, Flynn HW Jr. Endophthalmitis after open globe injuries: changes in microbiological spectrum and isolate susceptibility patterns over 14 years. J Ophthalmic Inflamm Infect. 2014 Feb;4(1):5. doi: 10.1186/1869-5760-4-5.
 - 12) Jindal A, Pathengay A, Mithal K, Jalali S, Mathai A, Pappuru RR, Narayanan R, Chhablani J, Motukupally SR, Sharma S, Das T. Microbiologic spectrum and susceptibility of isolates in acute postcataract surgery endophthalmitis: are they same as they were more than a decade ago? Br J Ophthalmol. 2014 Mar;98(3):414-6. doi: 10.1136/bjophthalmol-2013-304289. Epub 2013 Dec 16.
 - 13) Chhablani J, Nayak S, Jindal A, Motukupally SR, Mathai A, Jalali S, Pappuru RR, Sharma S, Das T, Flynn HW Jr, Pathengay A. Scleral buckle infections:

- microbiological spectrum and antimicrobial susceptibility. *J Ophthalmic Inflamm Infect.* 2013 Dec 13;3(1):67. doi: 10.1186/1869-5760-3-67.
- 14) Jindal A, Pathengay A, Khera M, Jalali S, Mathai A, Pappuru RR, Narayanan R, Sharma S, Das T, Flynn HW Jr. Combined ceftazidime and amikacin resistance among Gram-negative isolates in acute-onset postoperative endophthalmitis: prevalence, antimicrobial susceptibilities, and visual acuity outcome. *J Ophthalmic Inflamm Infect.* 2013 Oct 25;3(1):62. doi: 10.1186/1869-5760-3-62.
- 15) Murthy SI, Pappuru RR, Latha KM, Kamat S, Sangwan VS. Surgical management in patient with uveitis. *Indian J Ophthalmol.* 2013 Jun;61(6):284-90.
- 16) Ouyang Y, Walsh AC, Keane PA, Heussen FM, Pappuru RK, Sadda SR. Different phenotypes of the appearance of the outer plexiform layer on optical coherence tomography. *Graefes Arch Clin Exp Ophthalmol.* 2013 Oct;251(10):2311-7.
- 17) Khera M, Pathengay A, Jindal A, Jalali S, Mathai A, Pappuru RR, Relhan N, Das T, Sharma S, Flynn HW. Vancomycin-resistant Gram-positive bacterial endophthalmitis: epidemiology, treatment options, and outcomes. *J Ophthalmic Inflamm Infect.* 2013 Apr 22;3(1):46.
- 18) Kaur I, Cantsilieris S, Katta S, Richardson AJ, Schache M, Pappuru RR, Narayanan R, Mathai A, Majji AB, Tindill N, Guymer RH, Chakrabarti S, Baird PN. Association of the del443ins54 at the ARMS2 locus in Indian and Australian cohorts with age-related macular degeneration. *Mol Vis.* 2013 Apr 5;19:822-8.
- 19) Wu W, Tan O, Pappuru RR, Duan H, Huang D. Assessment of frame-averaging algorithms in OCT image analysis. *Ophthalmic Surg Lasers Imaging Retina.* 2013 Mar-Apr;44(2):168-75.
- 20) Sadda S, Danis RP, Pappuru RR, Keane PA, Jiao J, Li XY, Whitcup SM. Vascular changes in eyes treated with dexamethasone intravitreal implant for macular edema after retinal vein occlusion. *Ophthalmology.* 2013 Jul;120(7):1423-31.
- 21) Ouyang Y, Heussen FM, Keane PA, Pappuru RK, Sadda SR, Walsh AC. Juxtapapillary pigment epithelium detachment observed in asymptomatic participants using optical coherence tomography. *Invest Ophthalmol Vis Sci.* 2013 Feb 1;54(2):1144-9.
- 22) Ouyang Y, Heussen FM, Keane PA, Pappuru RK, Sadda SR, Walsh AC. Evaluation of the axial location of cystoid spaces in retinal vein occlusion using optical coherence tomography. *Retina.* 2013 May;33(5):1011-9.

- 23) Narayanan R, Dave V, Rani PK, Chhablani J, Rao HB, Pappuru RR, Jalali S. Multifocal electroretinography in type 2 idiopathic macular telangiectasia. *Graefes Arch Clin Exp Ophthalmol*. 2013 May;251(5):1311-8.
- 24) Narayanan R, Chhablani J, Sinha M, Dave V, Tyagi M, Pappuru RR, Kuppermann BD. Efficacy of anti-vascular endothelial growth factor therapy in subretinal neovascularization secondary to macular telangiectasia type 2. *Retina*. 2012 Nov-Dec;32(10):2001-5.
- 25) Fawzi AA, Pappuru RR, Sarraf D, Le PP, McCannel CA, Sobrin L, Goldstein DA, Honowitz S, Walsh AC, Sadda SR, Jampol LM, Elliott D. Acute macular neuroretinopathy: long-term insights revealed by multimodal imaging. *Retina*. 2012 Sep;32(8):1500-13.
- 26) Reddy RK, Sundaram PM, Shetty S, Choudhari NS. Optic nerve head drusen in an eye with morning glory disc anomaly. *Graefes Arch Clin Exp Ophthalmol*. 2012 Jul; 250(7):1111-2.
- 27) Nguyen P, Huang D, Li Y, Sadda SR, Ramos S, Pappuru RR, Yiu SC. Correlation between optical coherence tomography-derived assessments of lower tear meniscus parameters and clinical features of dry eye disease. *Cornea*. 2012 Jun; 31(6):680-5.
- 28) Dave VP, Mathai A, Pappuru RR. Results of silicone oil removal in post-cytomegalovirus retinitis-related retinal detachment. *J Ophthalmic Inflamm Infect*. 2012 Sep;2(3):153-5.
- 29) Pappuru RR, Briceno C, Ouyang Y, Walsh AC, Sadda SR. Clinical significance of B-scan averaging with SD-OCT. *Ophthalmic Surg Lasers Imaging*. 2012 Jan-Feb; 43(1):63-8.
- 30) Chhablani JK, Mathai A, Reddy R, Jalali S, Stepien K, Albin T. Diagnostic and therapeutic challenges. *Retina*. 2011 Oct;31(9):1963-6.
- 31) Pappuru RR, Ouyang Y, Nittala MG, Hemmati HD, Keane PA, Walsh AC, Sadda SR. Relationship between outer retinal thickness substructures and visual acuity in eyes with dry age-related macular degeneration. *Invest Ophthalmol Vis Sci*. 2011 Aug 24;52(9):6743-8.
- 32) Heussen FM, Vasconcelos-Santos DV, Pappuru RR, Walsh AC, Rao NA, Sadda SR. Ultra-wide-field green-light (532-nm) autofluorescence imaging in chronic Vogt-Koyanagi-Harada disease. *Ophthalmic Surg Lasers Imaging*. 2011 Jul-Aug;42(4): 272-7.

- 33) Dave VP, Majji AB, Suma N, Pappuru RR. A rare case of *Aspergillus terreus* endogenous endophthalmitis in a patient of acute lymphoid leukemia with good clinical outcome. *Eye (Lond)*. 2011 Aug;25(8):1094-6.
- 34) Narayanan R, Sinha A, Reddy RK, Krishnaiah S, Kuppermann BD. Faster visual recovery after 23-gauge vitrectomy compared with 20-gauge vitrectomy. *Retina* 2010 Oct;30(9):1511-4.
- 35) Reddy AK, Balne PK, Reddy RK, Mathai A, Kaur I. Development and evaluation of loop-mediated isothermal amplification assay for rapid and inexpensive detection of cytomegalovirus DNA in vitreous specimens from suspected cases of viral retinitis. *J Clin Microbiol*. 2010 Jun;48(6):2050-2.
- 36) Trehan HS, Sheth SS, Mathai A, Reddy RK, Moorthy RS. Diagnostic and therapeutic challenge. *Retina*. 2010 Jan;30(1):180-3.
- 37) Kaur I, Katta S, Reddy RK, Narayanan R, Mathai A, Majji AB, Chakrabarti S. The involvement of complement factor B and complement component C2 in an Indian cohort with age-related macular degeneration. *Invest Ophthalmol Vis Sci*. 2010 Jan; 51(1):59-63.
- 38) Hussain N, Khanna R, Das T, Narayanan R, Sunday OT, Bansal AG, Reddy R. Two years follow-up outcome of verteporfin therapy for subfoveal choroidal neovascularization in pathologic myopia in Indian eyes. *Indian J Ophthalmol*. 2008 Nov-Dec;56(6):465-8.
- 39) Kaur I, Katta S, Hussain A, Hussain N, Mathai A, Narayanan R, Hussain A, Reddy RK, Majji AB, Das T, Chakrabarti S. Variants in the 10q26 gene cluster (LOC387715 and HTRA1) exhibit enhanced risk of age-related macular degeneration along with CFH in Indian patients. *Invest Ophthalmol Vis Sci*. 2008 May;49(5):1771-6.
- 40) Sharma T, Gopal L, Reddy RK, Kasinathan N, Shah NA, Sulochana KN, Miriam KC, Arvind K, Ramakrishnan S, Sukumar B. Primary vitrectomy for combined rhegmatogenous retinal detachment and choroidal detachment with or without oral corticosteroids: a pilot study. *Retina*. 2005 Feb-Mar;25(2):152-7.

PRESENTATIONS AND POSTERS

International:

- **APAO AIOS 2013, Hyderabad, January 17-20, 2013-01-16**
 - a. IC on OCT

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- b. IC on Uveitis Masquerade Syndrome
- c. Surgical management of ocular complications in AIDS
- d. SD OCT

- **AAO 2012, Chicago, November 19-13, 2012**

Interpretation of SD OCT - Instruction Course

- **IOIS 2011, Goa, November 2011**

a. **Invited Talk** - Current imaging techniques in VKH and sympathetic ophthalmia

- **29th ASRS Annual Meeting in Boston, MA. August 2011**

Optical Coherence Tomography Features of Choroidal Neovascularization

Secondary to Chronic Central Serous Chorioretinopathy. **Rajeev R. Pappuru**, Mudit Tyagi, Raja Narayanan, Annie Mathai, Avinash Pathangey, , Ajit B. Majji, Subhadra Jalali, Taraprasad Das,

Treatment of Choroidal Neovascularization in Central Serous Chorioretinopathy by Intravitreal Bevacizumab (avastin). Avinash Pathangey, **Rajeev R. Pappuru**, Mudit Tyagi, Raja Narayanan, Annie Mathai, Ajit B. Majji,

- **ARVO, Ft. Lauderdale, FL. May 2011**

Choroidal thickness measurement by Cirrus high definition optical coherence tomography (HD-OCT) in normal Indian eyes. **Rajeev R. Pappuru**, Uday Kumar Addepalli, Lalitha Y, Harsha Rao, Eric B. Papas, Rohit C. Khanna, Ganesh Babu Jonnadula, Chandra Sekhar Garudadri

- **41st Annual Doheny Days Conference, Los Angeles, CA, June 2010**

Relationship between Outer Retinal Substructures and Visual Acuity in Eyes with Dry Age Related Macular Degeneration

**Fundus Photograph Reading Center Dept. of Ophthalmology & Visual Sciences
University of Wisconsin – Madison June 2010**

Importance of measuring outer retinal substructures in retinal diseases.

AAO Chicago, 2010

Purnima S. Patel, **Rajeev R. Pappuru**, SriniVas R. Sadda, Carmen A. Puliafito, A. Linn Murphree. Characteristics of Choroidal Lesions with Long Wavelength (1mm) Optical Coherence Tomography. Poster presentation at.

ARVO, Ft. Lauderdale, FL. May 2010

R.K. Pappuru, Y. Ouyang, H.D. Hemmati, P.A. Keane, S.R. Sadda. Relationship Between Outer Retinal Thickness Substructures and Visual Acuity in Eyes With Dry Age Related Macular Degeneration (AMD) Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL. May 2010.

C.A. Briceno, **R.R. Pappuru**, Y. Ouyang, A.C. Walsh, S.R. Sadda. Clinical Significance of Frame Averaging With Spectral Domain OCT. Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL. May 2010.

J.L. See, **R.R. Pappuru**, Y. Ouyang, S.R. Sadda. Variation in Outer Retinal Substructure Thicknesses With Age in Normal Eyes.) Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL. May 2010.

S.R. Sadda, **R.R. Pappuru**, P.F. Stetson, P.A. Keane, A.C. Walsh. Impact of B-Scan Density on Spectral Domain OCT Retinal Thickness Measurements. Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL. May 2010.

S. Chakrabarti, **R. Reddy**, R. Narayanan, A. Mathai, A.B. Majji, I. Kaur. The Susceptibility of Extracellular Matrix-Related Gene Variants in Age-Related Macular Degeneration. Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL. May 2010.

S. Katta, I. Kaur, **R. Reddy**, R. Narayanan, A. Mathai, A.B. Majji, S. Chakrabarti. The del443ins54 Polymorphism in ARMS2 is Strongly Associated With Age-Related Macular Degeneration in an Indian Cohort. Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL. May 2010.

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E.J. Sabet-Peyman, B. Bertoni, J. Dougall, D. Elliott, M. Humayun, R. Pappuru, S.R. Sadda. Assessing Accuracy of Intraocular Measurements Made by Camera Systems Using Prosthetic Retinal Arrays. Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL. May 2010.

M.C. Bujak, D. Huang, S.R. Sadda, Y. Li, P. Nguyen, R.K. Pappuru, S. Yiu. Serial Measurement of Tear Meniscus by Fourier-Domain Optical Coherence Tomography After Instillation of Artificial Tears in Patients With Dry Eyes. Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL. May 2010.

P. Nguyen, D. Huang, S.R. Sadda, R.R. Pappuru, S. Ramos, Y. Li, S.C. Yiu. Correlation Between Optical Coherence Tomography Tear Meniscus Parameters and Schirmer's Test and Tear Break-Up Time. Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL. May 2010.

A. Harris, O. Tan, B. Siesky, Y. Shoshani, R. Pappuru, R. Ehrlich, S.R. Sadda, D. Rusia, A. Moss, D. Huang. Fourier Domain Optical Coherence Tomography Blood Flow Assessment in Patients With Glaucoma: A New Blood Flow Method. Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL. May 2010.

O. Tan, R. Pappuru, A. Harris, Y. Wang, S.R. Sadda, B.A. Siesky, D. Huang. Quality Control for Doppler Optical Coherence Tomography of Retinal Blood Flow. Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL. May 2010.

ICO, Sydney, Australia 2003

Sharma T, Gopal L, **Reddy RK**, Kasinathan N, Shah NA, Sulochana KN, Miriam KC, Arvind K, Ramakrishnan S, Sukumar B. Primary Vitrectomy for Combined Rhegmatogenous Retinal Detachment and Choroidal Detachment with or without Oral Corticosteroids: A Pilot Study. Poster presentation.

National:

Paper presentation at APSOS, Visakapatnam, 2000

Retinopathy in chronic myelogenous leukemia

Poster presentation at Biannual Conference of Indian Society of Medical and Paediatric Oncology, Hyderabad. 2001:

Retinopathy of chronic myelogenous leukemia

Case presentation at Uvea Meet, Sankara Nethralaya, Chennai, 2002:

Sarcoidosis presenting as multiple choroidal granulomas

Paper presentation at AIOS, New Delhi, 2003:

Evaluation of disease progression in Eales' disease

Paper presentation at Uveitis society of India meeting, Madurai, December 2006

Analysis of Acute retinal necrosis cases seen at tertiary care institute

Gave a talk on 3 D ultrasound in eye, as a part of instruction course at All India ophthalmic association meeting held at Hyderabad, on January 2007

Case presentation at Uveitis society of India meeting, Guwahati, December 2007

Bilateral central retinal artery occlusion seen in SLE along with APLA syndrome

Talk on Wide-angle viewing systems-BIOM, as a part of instruction course at AIOS meeting held at Bangalore, on February, 2008.

Poster presentation Asia ARVO 2009 Hyderabad

OCT in posterior scleritis

OCT in prognosis of optic disc pit maculopathy

Poster presentation in Uveitis society of India meeting 2009 Hyderabad

OCT in evaluating treatment response in posterior scleritis

Presentation in Uveitis society of India meeting 2009 Hyderabad

New modalities of treatment in Uveitis

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Chief instructor at Andhra Pradesh ophthalmic meeting, Hyderabad, 2010

Optical coherence tomography in ophthalmology

Instruction course at Andhra Pradesh ophthalmic meeting, Hyderabad, 2010

Suture less vitrectomy with 20G instruments.

Andhra Pradesh ophthalmic meeting, Hyderabad, 2010

Invited lecture at Karnataka state ophthalmology meeting, Udupi, 2010

Impact of advances in retinal diagnostics on surgical management of retinal diseases

Eye Pep Meeting, Hyderabad September, 2011

Retina Diagnostic Modalities.

Retina Symposium, Hyderabad, September, 2011,

Recent advances in Vitreoretinal Surgeries

Andhra Pradesh ophthalmic meeting, Nellore, September, 2011

Presentation on ICG in AMD.

Symposium on imaging in Ophthalmology: Symposium Chairperson.

OCT and Autofluorescence in Ophthalmology.

Imaging in Uveitis.

VASCON 2011, Hyderabad, November, 2011

Cataract surgery in AMD

Evidence 2012 Meeting; May 31-3 June, 2012

Instruction course: Endogenous endophthalmitis

CME - Kochin on 15th July, 2012

Fundus Autofluorescence

Newer frontiers in Oct Imaging

Ret Net Meeting on 21st July, 2012 in Cochin

Secondary adenocarcinoma

IERG meeting on 29th July, 2012 at LV Prasad eye Institute

Poster : Prophylactic Laser Photocoagulation prevents Retina in eyes with retinochoroidal coloboma in children

Participated as a chair in Retina session

CME – Retina on 2nd September, 2012 at LV Prasad Eye Institute

Chronic Central Serous retinopathy

APOC - 12-13 October, 2012 at Guntur

Chorioretinal biopsy in Uveitis

Surgical management of diabetic macular edema

Treatment for recalcitrant CNVM.

- Uveitis 2012, Bhubaneshwar, December 1-2, 2012

Poster presentation: Characterization of Atypical Ocular Toxoplasmosis as the most common presentation in a Tertiary Center in Southern India

AREAS OF INTEREST:

Quantitative analysis of OCT.

Retinal imaging in Uveitis.

PAST RESEARCH ACTIVITIES

1. Principal Investigator – Active Clinical Trials

1. Biomarkers for diabetic retinopathy progression

2. Co-investigator

Loop Mediated Isothermal Amplification (LAMP) Assay for the diagnosis of retinitis caused by Herpes Simplex virus

Development and Evaluation of Loop Mediated Isothermal Amplification (LAMP) Assay for the Rapid Detection of Cytomegalovirus

Proteomic studies in vitreous

Vitreol Study

UBM changes at sclerotomy site after 23G vitrectomy

Co-Investigator in Phase III global trial for CRVO

Co-Investigator in Phase III global trial for wet AMD

Co-Investigator in Pilot study for CMV Retinitis Study.

Co-investigator for an ongoing Phase III global uveitis trial

Co-investigator in an in-house trial being conducted to evaluate the tolerability of Repeated Intravitreal Administration of Ranibizumab

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versus Bevacizumab in Subjects with Macular Edema Secondary to
Branch Retinal Vein Occlusion