

Retina Centers, P.C.  
Curriculum Vitae

Date October 1, 2016

I. PERSONAL DATA:

1. Current Information:

Full Name	Shree K. Kurup	Degree(s)	MD
Current Position	Associate Physician		
Office Address	6585 N. Oracle Rd. Tucson, AZ 85704		
Office Phone	520 -742-7444		
Office Fax	520 -297-2267		
Email	skk@retinacenterspc.com		

2. Professional Development:

**Undergraduate and Graduate Education:**

Years (inclusive)	Degree	Institution
10/1985 - 12/1993	M.D.	Calicut Medical College, India
7/1/1997 - 6/30/1998	Internship	Our Lady of Mercy Hospital, New York Medical College
7/1998 - 6/2000	Internal Medicine Residency	Our Lady of Mercy Hospital, New York Medical College
7/2000 - 6/2003	Ophthalmology Residency	New York Medical College, New York, NY

**Postgraduate Education:**

Years (inclusive)	Degree	Institution
1/2006 - 6/2007	Vitreoretinal Fellowship Consultant Uveitis	Vitreoretinal Foundation, Memphis, TN
7/2005 - 12/2005	Vitreo-Retina Fellowship	University of Pittsburgh
8/2003 - 6/2005	Medical Retina Fellowship	National Eye Institute, National Institutes of Health
8/2003 - 6/2005	Ocular Immunology & Uveitis Fellowship	National Eye Institute, National Institutes of Health

**Academic and Professional Appointments and Activities:**

Month and Year	Position	Institution
2007	Associate Professor	Wake Forest University, Dept. of Ophthalmology
2007	Associate Professor	Wake Forest University, Dept. of Internal Medicine
2009 - 2010	Adjunct Professor ( to allow for an animal study grant; do not teach here)	University of Puerto Rico, Biological Sciences
2005-2007	Faculty/Consultant (uveitis)	Vitreoretinal Foundation, Memphis, TN

**Professional Registration/Licensure:**

Year	Number	State
2007	2007-01197	North Carolina
2015	04-38657	Kansas

**Professional Certification(s):**

Date	Board
2005 and 2010	American Board of Ophthalmology
2000	American Board of Internal Medicine

**Professional Societies and Affiliations:** *(List by national and local level; include offices held)*

Date	Organization
2014-present	American Society of Retina Specialists (ASRS) Education Training Board, member
2008-present	Professional Advisory Board to Governor of NC, member
2005-present	American Board of Ophthalmology (AAO), fellow
1997-present	American College of Physicians (ACP), member
2011	Internal Uveitis Study Group, member
2012	Macula Society, member Retina Society member
2005-2009	National Board of Medical Examiners Governing Board/AMA RFS, nominee
	International Society of Antiviral Research, Elected Member
	Committee of Ethical and Judicial Affairs, NC Medical Society, Board Member
	North Carolina Medical Board, Reviewer
2003-2005	Committee for Physicians Health, NY State Medical Society, Board member reviewer
2004	Pain Management Recommendations in the State of NY, Committee of Heart, Lung and Cancer
2003	Patents Committee, National Institutes of Health (NIH), Invited Observer
2003	Medical Society of the State of NY, Vice Chair Resident and Fellows
2002, 2003	American Medical Society (AMA), Delegate representing state of NY to the House of Delegates
	Emory, Duke NYMC Universities, Core Collaborator
	NIH Immunology and Histopathology, Core Collaborator

**Honors and Awards:**

Year	Award
2008-2015	Best Doctors of America
2002	American Medical Association (AMA) Foundation National Leadership Award
2001	AMA National Annual Award
2000	All Stars Project (Juvenile Directed Cultural Organization) NY Award for organizational success
1999	Committee of Intern and Residents National Level Award

**II. TEACHING ACTIVITIES:**

1. **Instruction:**

**Didactic:** (e.g. lectures, grand rounds, and formal presentations)

Academic Year	Title and Course Number	Lecture or Presentation Title	Instruction		Learner	
			Type	Hours (actual instruction)	Number of Learners	Type of Learner(s) (e.g. medical or grad students, residents)
2008 & 2009	OCULAR IMMUNOLOGY	Uveitis Review	Annual Course			Residents
2010 to 2014	OKAP Course	RETINA IMMUNOLOGY	Annual Course			Residents students

**Nondidactic:** (e.g. workshops, labs, seminars, discussion groups, or journal clubs)

Academic Year	Title and Course Number	Presentation Title	Instruction		Learner	
			Type	Hours (actual instruction)	Number of Learners	Type of Learner(s) (e.g. medical/grad students, residents)
2009 to 2014	RETINA JOURNAL CLUB	MULTIPLE	NARRRRATIVE DISCUSSION	2 hrs per Q/4 times year	15-25	RESIDENTS and FELLOWS

**Clinical:** (e.g. clerkship, rounding, clinic, daily supervision, teaching)

Academic Year	Instruction		Learner		Length of Service (e.g. 8 weeks x 6 clerkships; one month per resident; 40 hours/week x 6 weeks)
	Type	Hours	Number of Learners	Type of Learner (e.g. medical students, residents, fellows)	
2007 to Date	Clinical	2-3 hours day	3-4/ per rotation	students	2 weeks

**Master's Theses and PhD Dissertations Directed:** (List only those for which you are/were primarily responsible.)

**Supervision of Residents and/or Postdoctoral Fellows:** (List only those for which you are/were primary supervisor.)

Year	Fellow Name	Area of Study
2014-2016	Claudia Hooten, MD	Vitreoretinal surgery and immunology
2013-2015	Victor Copeland, MD	Vitreoretinal surgery and immunology

**Advising:** (Thesis or dissertation committees; student academic group/individual)

Date	Student or Group Name	Type of Student/Group
2007-2010	Chris Gee, MD	Resident (Retina specialist now)
2008-2009	Michael Evans	Medical Student (Practicing ophthalmologist)
2008-2009	Stan Fuller	Medical Student (Ophthalmology Resident now)
2009-2010	Rob Van der Vaart	Medical Student (Ophthalmology resident now)

2011-2012	Kiran Shah	Medical Student (ER sabbatical coming for Ophthalmology)
2012- 2013	Brandon Baartman	Medical student(now Resident in Ophthalmology)
2013- 2014	Sara Branson	Now will match into Ophthalmology

**Other Teaching Activities:** (CME and Faculty Development Seminars)

**2. Development of Educational Materials:**

ONLY LATEST COURSE INSERTED - MULTIPLE COURSES AND LECTURES PERFORME OVER YEARS

Year	Title/Description	Intended Audience
Academy of Ophthalmology 2015	Scleritis	International ophthalmologists
Internal Society of Ocular Inflammation 2015	Steroids in Diabetic macular edema	International ophthalmologists

**3. Educational Leadership:**

1. IRB Board Member, UPMC and Wake Forest University.
2. ASRS Fellowship Education Board Member (National)
3. Services for the Blind NC board member
4. Surgical sciences Research Council, Board member
5. NRMP USMLE Board Member (Ex)

**III. SERVICE ACTIVITIES:**

**1. Professional Service (Patient Care):**

Clinical RVU about 14000 to 15000 (snapshot enclosed of RVU)  
 Clinical activity has been 80% (snapshot of clinic provided) 5% to research, 10 % teaching  
 Reviews are available on line and are 4.5 to 4.8 out of 5 in surveys  
 Best Doctor ® since 2012

**2. Other Professional Service (Not Patient Care):**

Abbott, Inc.  
 Allergan  
 American College of Rheumatology, Reviewer  
 American Journal of Ophthalmology, Reviewer  
 American Medical Association (2005), Reviewer  
 Annals of Internal Medicine, Reviewer  
 Archives of Ophthalmology, Reviewer  
 Arthritis and Research (American College of Rheumatology), Reviewer  
 Best Doctors Inc., consultant  
 British Journal of Ophthalmology, Reviewer  
 Canadian Journal of Ophthalmology, Reviewer  
 Eye Care Ctr. Calicut.  
 Eyetechn

Frontiers in Internal Medicine, Associate Editor  
 Graefe's Archives of Ophthalmology (Germany), Reviewer  
 IRB WFU, Board Member, Wake Forest Univ. NC.  
 Journal of Translational Medicine, Reviewer  
 Lux  
 North Carolina Medical Board, consultant  
 Open Journal of Ophthalmology, invited  
 Ophthalmology, Reviewer  
 Pfizer  
 Regeneron  
 Reviewer IRB, UPMC, University of Pittsburgh. Pittsburgh. PA. 2005  
 VERSITA Ophthalmology, Associate Editor  
 World Health Organization for Global Disease Burden Cross cutting expert

**3. Academic Service:**

1. American Medical Association (AMA); Judge for awards in the first AMA annual research competition, Atlanta. 2004
2. Cross cutting expert for the Global Disease Burden Project (International World Health organization Funded and Directed) 2008. [http://www.who.int/topics/global\\_burden\\_of\\_disease/en](http://www.who.int/topics/global_burden_of_disease/en)
3. Invited Professor, Post Graduate Institute of Medical Research, India. August. 2010. <http://pgimer.nic.in>
4. Official Moderator, European Vitreoretinal Society Annual meeting. Seville. Spain 2010.
5. Chair for session, International Uveitis Study Group 2013

**IV. RESEARCH AND SCHOLARLY ACTIVITIES:**

**1. Grants and Contracts:**

**Previous Grants and Contracts Awarded:** *List in chronological order; oldest first, newest last*

**Current Grants and Contracts Awarded:** *List in chronological order; oldest first, newest last*

Principal Investigator	Investigators	Title of Grant/Contract	Funding Source	Direct Costs	Inclusive Years of Award	Status
Kurup, Shree		Uveitis	Pfizer - \$35,000		2008	Not activated after awarded
Kurup, Shree		Angiogenesis	Celgene - \$25,000		2010	Not activated after

						awarding
	<b>Kurup, Shree</b>	Primate Core National Institute of Health project examining radiation related effects.	Institutional grant		2007	Ongoing
<b>Kurup, Shree</b>		For Sight Labs	\$100,000	35,000	2011-2012	Complete
	<b>Kurup, Shree</b>	EOP1013: ARMD	Macugen National Eye Institute (NEI)/National Institute of Health (NIH)		2001 - 2003	Complete
	<b>Kurup, Shree</b>	CPTK787E2201: Macular Degeneration Study	Novartis International NEI/NIH		2001-2003	Complete
	<b>Kurup, Shree</b>	04-EI-0115: Combination Daclizumab/Sirolimus. Therapy for the Induction of Immune Tolerance in Non-Infectious Intermediate and Posterior Uveitis	NEI/NIH		2001 - 2003	Complete
	<b>Kurup, Shree</b>	03-EI-0156: Measurement of Macular Pigment with Resonant Raman Backscattering Spectroscopy	NEI/NIH		2001-2003	Complete
	<b>Kurup, Shree</b>	Pilot Study of Helicobacter Pylori & Ocular Surface Disease	NEI/NIH		2001-2003	Complete
	<b>Kurup, Shree</b>	04-EI-0065: Evaluation of Infliximab in the Treatment of Non-Infectious Scleritis	NEI/NIH		2001-2003	Complete
	<b>Kurup, Shree</b>	03-EI-0294: Optical Coherence Tomography Comparative Study	NEI/NIH		2001-2003	Complete
	<b>Kurup, Shree</b>	04-EI-0241: Screening Study for the Evaluation and Diagnosis of	NEI/NIH		2001-2003	Complete

		Potential Research Subject with Anterior Segment Disease				
	<b>Kurup, Shree</b>	04-EI-0260: Use of Immune Cell Markers, Cytokines, and Transcription Factors as Markers of Intraocular Inflammatory Activity	NEI/NIH		2001-2003	Complete

**Grants and Contracts Submitted:** *List in chronological order; oldest first, newest last*

Principal Investigator	Investigators	Title of Grant/Contract	Funding Source	Direct Costs	Inclusive Years of Award	Status
<b>Kurup, Shree</b>		Si-RNA for CRVO	Regeneron		2009	Complete
<b>Kurup, Shree</b>		Revlimid & CC-12031 in Corneal Angiogenesis; CELGENE			2009	Complete
<b>Kurup, Shree</b>		Intravitreal Methotrexate in DME	FDA approved IND		2009	Complete
<b>Kurup, Shree</b>		Pegaptanib in Certain Specific Applications	EYETECH/PFIZER Pilot Trial		2009	Discontinued after award
	<b>Kurup, Shree</b>	A double-masked, randomized, parallel-group study to investigate the pharmacodynamics, safety, and systemic pharmacokinetics of pazopanib eye drops, administered for 28 days to adult subjects with choroidal neovascularization due to neovascular age-related macular	GlaxoSmithKline		2008-2010	Complete



		degeneration. Protocol MD 7108240				
<b>Kurup, Shree</b>		A Phase II, Prospective, Randomized, Multi-Center, Diabetic Macular Edema Dose- Ranging, Comparator Study Evaluating the Efficacy and Safety of PF- 04523655 versus Laser Therapy (DEGAS) Protocol B0451004	Pfizer		2009- 2011	Complete
	<b>Kurup, Shree</b>	A Randomized, Double Masked, Active Controlled Phase III Study of the Efficacy, Safety, and Tolerability of Repeated Doses of Intravitreal VEGF Trap in Subjects with Neovascular Age- Related Macular Degeneration. Protocol number VGFT-OD-0605	Regeneron Pharmaceutical s, Inc.		2007- 2011	Complete
	<b>Kurup, Shree</b>	Intravitreal Ranibizumab or Triamcinolone Acetonide in Combination with Laser Photocoagulation for Diabetic Macular Edema (Protocol I)	(DRCR) Diabetic Retinopathy Clinical Research Network		11/200 7	Current
	<b>Kurup, Shree</b>	Intravitreal Ranibizumab or Triamcinolone Acetonide as Adjunctive Treatment to Panretinal	(DRCR) Diabetic Retinopathy Clinical Research Network		11/200 7	Current

		Photocoagulation for Proliferative Diabetic Retinopathy (Protocol J)				
	<b>Kurup, Shree</b>	The Age-Related Eye Disease Study 2 (AREDS 2): A Multi-center, randomized Trial of Lutein, Zeaxanthin, and Long-Chain Omega-3 Fatty Acids	National Eye Institute/National Institute of Health		11/2007	Current
<b>Kurup, Shree</b>		A Multi-center, Double-Masked, Parallel Group, Placebo-Controlled Study to Assess the Efficacy and Safety of Voclosporin as Therapy in Subjects with Active Noninfectious Intermediate, Posterior or Panuveitis PROTOCOL LX211-11	Lux BioSciences		3/2011	Current
	<b>Kurup, Shree</b>	Effect of Diabetes Education during Retinal Ophthalmology Visits on Diabetes Control Protocol M	NEI: ( DRCR) Diabetic Retinopathy Clinical Research Network		5/2011	Current
<b>Kurup, Shree</b>		880	Abbott	\$87,470,64	July 2013	Current
<b>Kurup, Shree</b>		XOMA - Active		\$5,245.10	July 2013	Current
<b>Kurup, Shree</b>		XOMA - Extension		\$35,589.12	July 2013	Current
<b>Kurup, Shree</b>		XOMA - Controlled		\$28,344.65	July 2013	Current
<b>Kurup, Shree</b>		877	Abbott	\$18,404.24	July 2013	Current

<b>Kurup, Shree</b>		Chroma		\$18,480	July 2013	Current
<b>Kurup, Shree</b>		Clearside		\$17,545.80	July 2013	Current
<b>Kurup, Shree</b>		327	Abbott	\$120,133.22	July 2013	Current
<b>Kurup, Shree</b>		Fovista		\$67,707.84	July 2013	Current
<b>Kurup, Shree</b>		Orbit		\$3,655.52	July 2013	Current

## 2. Scholarly Publications:

### Articles (Peer-Review Published):

1. **Kurup S.K.**, Que E.: Experience at Ground Zero: Report. Arch Ophthalmol. 2002 Mar;120(3):395-6.
2. **Kurup S.K.**, Que E.T., Jokl H.-Kauffmann D. Japanese Journal of Ophthalmology World Trade Center Tragedy and implications. Nippon Ganka Gakkai Zasshi. 2002 Feb;106(2):117-9 Japan
3. Choragudi N.L., Aronow W.S., Prakash A., **Kurup S.K.**, Chiaramida S., Lucariello R.: Does the Cardiac Troponin Increase with Stress Test Induced Myocardial Ischemia- Original Research.: Heart Dis. 2002 Jul-Aug; 4(4):216-219.
4. **Kurup S.K.**, Coleman H, Chan C.C.: Cornea Pseudomembrane secondary from acute inflammatory response and fibrin formation to AML infiltrate. American Journal of Ophthalmology. Volume 139, Issue 5, Pages 921-923.2004.
5. **Kurup S.K.**, Chan C.C.: Immunomodulation and therapeutics in Uveitis – Review Arch Immunologiae: Dec 2006.
6. Liu B, Li, Z, Sankaranarayanan M, **Kurup SK**, RB Nussenblatt: HTLV-1 Infection of Human Retinal Pigment Epithelial Cells and Inhibition of Viral Infection by an Antibody to ICAM-1.IOV5 HTLV-1 infection of human retinal pigment epithelial cells and inhibition of viral infection by an antibody to ICAM-1. Invest Ophthalmol Vis Sci. 2006 Apr;47(4):1510-5.
7. **Kurup S.K.**, Chan C.C.: Mycobacterium-related Ocular Inflammatory Disease: Diagnosis and Management. Ann Acad Med Singapore. 2006 Mar;35(3):203-7.
8. **Kurup S.K.**, Levy-Clarke GL, Nussenblatt RB et al.: Utility of a gamma interferon assay in selected patients with uveitis- Can J Ophthalmol. 2006 Dec;41(6):737-40.
9. **Kurup S.K** The ophthalmologist is difficult to distinguish: Archives of Ophthalmology. Nov;124(11):1669 2006.
10. Robert B. Nussenblatt, Chi-Chao Chan, Wyndham H. Wilson, Jacob Hochman, Michael Gottesman, and CNS and Ocular Lymphoma Workshop Group (**Kurup**). International Central Nervous System and Ocular Lymphoma Workshop: Recommendations for the Future. Ocul Immunol Inflamm. 2006 June; 14(3): 139–144.
11. Yin P, **Kurup S.K.**, Fischer S, Rhee H, Byrnes G, Levy-Clarke G, Nussenblatt R, Mican J, Wright M. Progressive Outer Retinal Necrosis in the Era of Highly Active Antiretroviral Therapy; Successful Management with Intravitreal Injections and Monitoring with Quantitative PCR. J Clin Virol. 2007 Mar;38(3):254-9. Epub 2007 Feb 5.
12. Farhi P, **Kurup SK**, Abdelghani WA. Orbital cellulitis associated with combined retinal and choroidal detachments. Eye. Apr 2007.
13. **Kurup S.K.**, Clarke G.L, Nussenblatt R.B., Chan C.C.: Primary Diffuse Large B cell Lymphoma of the Spleen with Coincident Serous Retinal Detachments Responsive to Corticosteroids. Clinical and Experimental Ophthalmology. Aug 2007.

14. **Kurup S.K.**, Ghajarnia M, Friberg T.R.: Retinal Manifestations of Myeloma. Bloodmed. E publication for the British Society of Hematology. April 2007.
15. **Kurup SK**, Krauss AM: Sub-Retinal Hypopyon in Acute Retinal Necrosis. Photo Essay. Archives of Ophthalmology. August 2007.
16. Ghajarnia M, **Kurup S**, Eller A: The therapeutic effects of intravitreal bevacizumab in a patient with recalcitrant idiopathic polypoidal choroidal vasculopathy. Semin Ophthalmol. 2007 Apr-Jun;22(2):127-31.
17. Friberg TR, Smolinski P, Hill S, **Kurup SK**: Biomechanical Assessment of Radial Optic Neurotomy. Ophthalmology 2008 Jan;115(1):174-80.
18. **Kurup SK**, Lew J, Byrnes G, Yeh S, Nussenblatt R, Levy-Clarke G. Therapeutic Efficacy of Intravitreal Bevacizumab on Posterior Uveitis Complicated by Neovascularization. Acta Scand Ophthalmol. 2008 May 28. [Epub ahead of print].
19. Browning DJ, Glassman AR, Aiello LP, Bressler NM, Bressler SB, Danis RP, Davis MD, Ferris FL, Huang SS, Kaiser PK, Kollman C, Sadda S, Scott IU, Qin H; Diabetic Retinopathy Clinical Research Network. (**Kurup: Sub Investigator**). Optical coherence tomography measurements and analysis methods in optical coherence tomography studies of diabetic macular edema. Ophthalmology. 2008 Aug;115(8):1366-71, 1371.e1.PMID:18675696.
20. **Kurup SK**, Gee CJ, Greven, CM. Utility of Intravitreal Methotrexate in Therapeutically Resistant AMD. Acta Ophthalmol. 2010 Jun;88(4):e145-6. Epub 2009 Jul 21. No abstract available. PMID:19681792.
21. Greven CM, **Kurup SK**, Jacklin HN. Intraocular Erosion and Intrusion of an Arruga Encircling Suture. Retina. 2011 Jun 2. Retina. 2011 Jul-Aug;31(7):1437-8. No abstract available. PMID:21642897
22. Antwanger M, Shaw S, **Kurup, SK**. Presumed Dengue Fever Associated Anterior Uveitis. Clinical Report. Can J Ophthalmol. 2011 Feb;46(1):92-93. PMID:21283170.
23. Haines N, Greven , Manning R, **Kurup SK**. Solitary granulomas as presenting sign of secondary syphilis. Graefes Arch Clin Exp Ophthalmol. 2011 Oct;249(10):1575-7. Epub 2011 May 12. PMID:21562892
24. Bowen BE, Manning RA, Foster JB, **Kurup SK**, Ramaiya KJ, Shah GK. Diagnostic and therapeutic challenges. Retina. 2011 Oct;31(9):1967-71. PMID:21866076
25. The Collaborative Anti-VEGF Ocular Vascular Complication Group. Insight into 144 patients with ocular vascular events during VEGF antagonist injections. Clin Ophthalmol. 2012;6:343-63. Epub 2012 Mar 6.PMID:2241985
26. Mansour AM, Arevalo JF, Fardeau C, Hrisomalos EN, Chan W, Lai TYY, Ziemssen F, Ness T, Sibai AM, Mackensen F, Wolf A, Hrisomalos N, Heiligenhaus A, Spital G, Jo Y, Gomi F, Ikuno Y, Akesbi J, LeHoang P, Adan A, Mahendradas P, Khairallah M, Guthoff R, Ghandour B, Kucukerdonmez C, **Kurup SK**. Three-year visual and anatomic results of administering intravitreal bevacizumab in inflammatory ocular neovascularization. Can J Ophthalmol. 2012 Jun;47(3):269-74.PMID:22687305
27. **Kurup SK**, Oliver A, Callanan D. Low Dose Methotrexate in CSCR: A Retrospective Analysis. American Society of retinal Specialists. Retina. 2012. Jun 20. [Epub ahead of print] PMID:22718154.
28. Androudi S, Dastiridou A, Symeonidis C, Kump L, Praidou A, Brazitikos P, **Kurup SK**. Retinal vasculitis in rheumatic diseases: an unseen burden. Clin Rheumatol. 2012 Sep 6. [Epub ahead of print] PMID:22955636.
29. Wang VM, Rozen RB, Meyerle CB, **Kurup SK**, Ardeljan D, Agron E, Tai K, Pomykala M, Chew EY, Chan CC, Tuo J. Suggestive association between PLA2G12A single nucleotide polymorphism rs2285714 and response to anti-vascular endothelial growth factor therapy in patients with exudative age-related macular degeneration. Mol Vis. 2012;18:2578-85. Epub 2012 Oct 20.
30. **Kurup SK** as part of DRGR group. Randomized clinical trial evaluating intravitreal ranibizumab or saline for vitreous hemorrhage from proliferative diabetic retinopathy. Diabetic Retinopathy

- Clinical Research Network\*. JAMA Ophthalmol. 2013 Mar;131(3):283-93. doi: 10.1001/jamaophthalmol.2013.2015. PMID:23370902
31. Komanski CB, Clark M, **Kurup SK**. Myriad ocular manifestations of one of the oldest human scourges in the eye. Graefes Arch Clin Exp Ophthalmol. 2013 Apr 4. [Epub ahead of print] PMID:23553284
  32. **Kurup SK** as part of AREDS 2 group. Methods and reproducibility of grading optimized digital color fundus photographs in the Age-Related Eye Disease Study 2 (AREDS2 Report Number 2). Danis RP, Domalpally A, Chew EY, Clemons TE, Armstrong J, San Giovanni JP, Ferris FL 3rd; AREDS2 Study Group. Invest Ophthalmol Vis Sci. 2013 Jul 8;54(7):4548-54. doi: 10.1167/iovs.13-11804.PMID:23620429
  33. Grange LK, Jacobs-El N, Wiley HE, **Kurup SK**, Chan CC, Sen HN. Intraocular (vitreoretinal) lymphoma following primary testicular lymphoma. Can J Ophthalmol. 2013 Aug;48(4):e95-7. doi: 10.1016/j.jcjo.2013.03.024. No abstract available. PMID:23931497
  34. Baartman B, Kosari P, Warren CC, Ali S, Jorizzo JL, Sato M, **Kurup SK**. Dermatology. 2014 Mar 1. Sight-Threatening Ocular Manifestations of Acute Febrile Neutrophilic Dermatitis (Sweet's Syndrome).
  35. Ocular manifestations of idiopathic aplastic anemia: retrospective study and literature review. Mansour AM, Lee JW, Yahng SA, Kim KS, Shahin M, Hamerschlak N, Belfort RN, Kurup SK. Clin Ophthalmol. 2014 Apr 17;8:777-87. doi: 10.2147/OPHTH.S62163. eCollection 2014. Review.PMID: 24790407
  36. Lou SM, Larkin KL, Winthrop K, Rosenbaum JT; Uveitis Specialists Study Group.(**Kurup SK**). Lack of consensus in the diagnosis and treatment for ocular tuberculosis among uveitis specialists. Ocul Immunol Inflamm. 2015 Feb;23(1):25-31. doi: 10.3109/09273948.2014.926936. Epub 2014 Jul 14.PMID:250199
  37. Smith AG, London NJ, Pao K, Lipkowitz J, **Kurup SK**, Garg SJ. Leukemia presenting as serous retinal detachment. Retina Cases Brief Rep. 2014 Fall;8(4):279-82. doi: 10.1097
  38. Assessing the Effect of Personalized Diabetes Risk Assessments During Ophthalmologic Visits on Glycemic Control: A Randomized Clinical Trial. Aiello LP, Ayala AR, Antoszyk AN, Arnold-Bush B, Baker C, Bressler NM, Elman MJ, Glassman AR, Jampol LM, Melia M, Nielsen J, Wolpert HA; Diabetic Retinopathy Clinical Research Network. JAMA Ophthalmol. 2015 Aug;133(8):888-96. doi: 10.1001/jamaophthalmol.2015.1312. PMID:25996273
  39. Reperfusion of Retinal Vasculature With Improved Visual Acuity in Ischemic Occlusive Vasculitis. Bomar JG, Branson SV, McClintic J, **Kurup SK**. JAMA Ophthalmol. 2016 Feb 18. doi: 10.1001/jamaophthalmol.2015.6164. [Epub ahead of print] No abstract available. PMID:26891887
40. **Kurup SK**, McClintic J, Quiroz Mercado H ,Altaweel, Garg.SJ Suprachoroidal hemorrhage management: **Surgical Technique. Retina** in press 2016.

#### Manuscripts in Press:

1. **Kurup SK**, Baartman B, Jaffe GJ et al. Retinal Manifestations of a Female Predominant Deadly Disorder. Diagnostic Case. Retina.

#### Manuscripts Submitted - not yet accepted for publication:

Multiple (can be furnished on demand)

#### Invited or Non-Peer Reviewed Articles or Reviews:

1. Kump LI, Moeller KL, **Kurup SK**, Reed GF, Clarke GL, Nussenblatt RB. Behcet's Disease: Trends in time. *Can J of Ophthalmology*. (4):468-72, Aug 2008. Review.
2. Gee C, Bonkowske J, **Kurup SK**. Visual Disability in Selected Acts of Terror, Warfare and Natural Disasters of the Last Decade. A Concise Narrative Review. *Am J Disaster Med*. 2008 Jan-Feb;3(1):25-30. Review.
3. **Kurup SK**. Book review. Uveitis, fundamentals and clinical practice 4th edition by Robert B. Nussenblatt and Scott M. Whitcup. 480 pp. ISBN: 978-1-4377-0667-3 Elsevier/Mosby. Invited Review. *Graefe's Archive for Clinical and Experimental Ophthalmology*, *in press* 2012.
4. Manning RA, Richards CP, Govind K, **Kurup SK**. Utility of Non-conventional Applications of Anti-VEGF Treatment in Selected Retinal Diseases. *Drug therapy*. 2012. Review.
5. Androudi S, **Kurup SK**. Eye Diseases. Retinal vasculitis. Chapter Review. Nova Press 2010.
6. **Kurup SK**. Vol 51: New Treatments in Noninfectious Uveitis. Editor(s): Miserocchi, E; Modorati, G (Milan); Foster, C.S. (Cambridge, Mass.) XII + 166 p., 14 fig., 8 in color, 24 tab., hard cover, 2012. Invited Review. *Graefe's Archive for Clinical and Experimental Ophthalmology*. 2012. Processing.
7. **Kurup SK**. Book review. Uveitis, fundamentals and clinical practice 4th edition by Robert B. Nussenblatt and Scott M. Whitcup. 480 pp. ISBN: 978-1-4377-0667-3 Elsevier/Mosby. *Graefe's Archive for Clinical and Experimental Ophthalmology*, *in press*, 2012.
8. Mansour AM, Lee JW, Yahng SA, Kim KS, Shahin M, Hamerschlak N, Belfort RN, **Kurup SK**. Ocular manifestations of idiopathic aplastic anemia: retrospective study and literature review. *Clin Ophthalmol*. 2014 Apr 17;8:777-787. eCollection 2014. Review.

#### Books and Book Chapters:

1. **Kurup S.K.**, Levy-Clarke G., Nussenblatt R.B. Duane's Ophthalmology 2007 Ed. (Reference Book): Vol.2, Chapter 31: Non Corticosteroid Therapy for Uveitis.
2. **Kurup SK**. *Fundamentals of Uveitis (Nussenblatt, Whitcup 2010 (4<sup>th</sup> Ed)*. Book Review for Graefes Journal of Clinical and Experimental Ophthalmology
3. Lew J, Sen N, **Kurup SK**. Wills Clinical Atlas (Reference book). Chapter. Polyarteritis Nodosa. Lippincott Ed.2. 2011.

#### Published Abstracts:

- 1.

#### Other Scholarly Publications:

1. **Kurup SK**, Mehdi Ghajarnia M:( letter) Bevacizumab for polypoidal vasculopathy should be evaluated in a cross cultural population. *BJO on line*. August 2007.
2. Giegengack M, **Kurup SK**, Traumatic Aniridia with Corneal Endothelial Folds. *Archives of Ophthalmology 2010 Photo Essay*, *Arch Ophthalmol*. 2011 Jan;129(1):55. No abstract available. PMID:21280250

3. Cronin K, Govind K, **Kurup SK**. Migration of Dexamethasone implant: Archives of Ophthalmology. Photo essay. 2012.

### 3. Presentations and Posters:

#### Oral paper presentation:

#### Scientific papers presented at national and international meetings:

1. Schossau T., **Kurup S.K.** Academy of Medicine, NY 2001. Scientific Paper. Central Retinal Vein Occlusion and metabolic work up.
2. **Kurup S.K.** Hyperhomocysteinemia and CRVO. Retina Club, N.Y. 2001. Presentation.
3. Kauffman D.J., Schossau T., **Kurup S.K.** Hyperhomocysteinemia and CRVO. The International Congress of Pathophysiology, Budapest. 2002: Scientific Paper.
4. **Schossau T., Tu E., Kurup S.K., Zaidman G.** Surgical knives for large self-sealing corneal incisions. European Society of Cataract and Refractive Surgery meeting, Munich. 2003: Scientific Paper.
5. Schossau T., Tu E., **Kurup S.K., Zaidman G.** Surgical knives for large self-sealing corneal incisions. American Society of Cataract and Refractive Surgery meeting, San Francisco 2003: Scientific Paper.
6. Schossau T, Giegengack M, Zaidman G, **Kurup SK**, Powers P. The MultiKeratome for Cataract Surgery--Curved with Multiple Points--Engineered to Seal Better and to Minimize the Induced Astigmatism. World Ophthalmology Conference. Berlin. 2010. Oral presentation.
7. Mansour AM, Arevalo JF, Fardeau, C, Chan W-F, Lai TY, Ziemssen F, Ness T, Mehio-Sibai A, Mackensen F, Wolf A, **Kurup SK**, Akesby J, LeHoang P, Adan A, Mahendradas P, Khairallah M, Guthoff R, and Kucukerdonmez C. Three-year visual results of intravitreal bevacizumab in inflammatory ocular neovascularization. World Ophthalmology Conference. Berlin. 2010. Oral presentation.
8. Mansour A, **Kurup SK**, Shami M, Chen E, Akesby J, von Hanno T, Kofoed P, Soliman W, Aisenbrey S, Huang Z-L, Artunay O, Hosseini H, Banker A, Uwaydat S. Retinal vascular events after intravitreal or systemic bevacizumab. World Ophthalmology Conference. Berlin. 2010. Oral presentation.
9. International Uveitis Society (American Uveitis Society, International Uveitis Study Group, International Ocular Inflammation Society). Invited Chair for Experimental Therapies. Abstract. 2012
10. **Kurup S.K.**, Yin P.D., Fischer S.H., Nussenblatt R.B. 18<sup>th</sup> International Conference on Antiviral Research, Barcelona, Spain. 2005. Presentation. Progressive Outer Retinal Necrosis treated using real time quantitative viral PCR.
11. Kump L.I., Moeller K.L., **Kurup S.K.**, Reed G.F., Clarke G.L., Nussenblatt R.B. Association for research in Vision and Ophthalmology. 2005. Presentation. Adamantiades-Behcet's Disease: A Trend in Time.
12. Kump L.I., Moeller K.L., **Kurup S.K.**, Reed G.F., Clarke G.L., Nussenblatt R.B. Behcet's Disease: Trends in time. Federation of Clinical Immunology Societies (FOCIS). Boston. 2005. Presentation.
- 13.

## Poster Presentations:

### Poster presentation at national and international meetings:

1. Que E., **Kurup S.K.** Asymmetric Retinopathy of Prematurity and Risk Factors. Association for research in Vision and Ophthalmology, 2003. Poster.
2. **Kurup S.K.**, Ursea, R, Nussenblatt R.B. Gamma Interferon assay for detecting latent TB in uveitis. Association for research in Vision and Ophthalmology, 2004. Poster. Original research poster.
3. **Kurup S.K.**, Kump L.I., Clarke G.L., Caruso R, Nussenblatt R.B. Multifocal Electroretinograms in Serpiginous Choroiditis and the Variability in Correlation to Visible Macular Lesions. Association for research in Vision and Ophthalmology, 2005 Poster.
4. Kump L.I., Moeller K.L., **Kurup S.K.**, Reed G.F., Clarke G.L., Nussenblatt R.B. Behcet's Disease: Trends in time. International Congress of Ophthalmology. Brazil 2006. Poster.
5. Corrales G.A., Friberg T, **Kurup S.K.** Monitoring the Placement of Panretinal Laser Photocoagulation in a Teaching Hospital Using the Optos Panoramic System. Association for research in Vision and Ophthalmology. 2006. Poster.
6. **Kurup S.K.**, Ghajarnia M, Abdelgani W, Friberg T.R. Utility of Optos Pictures in the Management of Extra Macular Clinically Suspicious Nevi. Association for research in Vision and Ophthalmology. 2006. Poster.
7. Clarke GL, **Kurup SK.** Antibodies in Autoimmune Retinopathy: Association for research in Vision and Ophthalmology. 2007. Poster.
8. Swan K, Altemare C, **Kurup SK.** Ulcerative Keratitis on Therapeutic Doses of Tumor Necrosis Factor Antagonists. American Uveitis Society/American Academy of Ophthalmology Meeting 2007. Presentation.
9. Yeh S., Wroblewski K.K., Buggage R., Li Z., **Kurup S.K.**, Sen H.N., Dahr S., Ragheb J, Waldmann T.A., Nussenblatt R.B. Daclizumab for Active, Non-Infectious, Sight-Threatening Uveitis: A Phase II Pilot Study. Association for Research in Vision and Ophthalmology. 2008. Poster.
10. Gee C, Rosen R, Greven C, **Kurup S K.** Intravitreal methotrexate in therapeutically resistant AMD. Academy of Ophthalmology. Poster. San Francisco. 2009.
11. Mansour A et al (**Kurup SK:** senior author). Retinal manifestations of aplastic anemia. Academy of Ophthalmology. 2013. Poster presentation.

### Invited seminars at other universities:

1. **Kurup S.K.**, Yin P. Progressive outer retinal necrosis scientific paper/poster: American College of Physicians 2004 meeting: Scientific paper/poster: American Uniformed Service, Naval Hospital, Maryland.
2. Tang J., Caruso R, **Kurup S.K.** Multifocal ERG and Birdshot retinochoroidopathy. Association for research in Vision and Ophthalmology, 2004. Presentation.
3. **Kurup S.K.**, Chan C.C. International Society of Ocular Pathology 2004/European Society of Ocular Pathology: Lecture. Corneal Pseudomembrane in Acute Myeloid Leukemia.
4. **Kurup S.K.**, Chan C.C., Djalilian A. Heterogeneity of the Ocular Surface Disease in patient with Ectodermal dysplasia. World Cornea Congress V, Washington DC 2005.
5. **Kurup SK**, Clarke GI, Kump LI., Chan CC, Smith JA, Nussenblatt RB. Severe Retinal Vasculitis in Patients with Systemic Lupus Erythematosus (SLE) without the Anti Phospholipids Syndrome. Lecture. Chicago. 2005. Presentation.



6. Sen H, Li Z, Reed G, Lim, WK, **Kurup SK**, Levy-Clarke G, Nussenblatt RB. Serum Leptin Levels in Autoimmune Uveitis. Association for research in Vision and Ophthalmology. 2006.
7. Liu B, Li Z, Mahesh S, **Kurup SK**, Giam C-Z, Nussenblatt RB. HTLV-1 Infection of Human Retinal Pigment Epithelial Cells and Inhibition of Viral Infection by an Antibody to ICAM-1. Association for research in Vision and Ophthalmology. 2006.
8. Gee C, Rosen R, Greven C, **Kurup SK**. Methotrexate in therapeutically resistant AMD. American Society of Retina Specialists. NY. 2009.
9. **Kurup SK**. Eye in Systemic Disease. Dept. of Internal Medicine Grand Rounds. Wake Forest University. March 2010.
10. **Kurup SK**, Oliver A, Callanan D. Metronomic antiangiogenic therapy in CSR: A Retrospective Analysis. European Vitreoretinal Surgery Society Seville Spain. Oral Lecture. 2010.
11. **Kurup SK**, Oliver A, Callanan D. Antiangiogenic therapy in Chronic CSR: A Retrospective Analysis. American Society Retina Specialists. Vancouver. 2010.
12. **Kurup SK**. Drainage of Suprachoroidal hemorrhage in 'vitrectomized' eyes using viscoelastic. European Vitreoretinal Surgery Society Seville Spain. Oral Lecture. 2010.
13. **Kurup SK**, Mansour AM, Arevalo JF, Fardeau C, Chan W-M, Lai TY, Ziemssen F, Ness T, Mehio-Sibai A, Mackensen F, Wolf A, Akesby J, LeHoang P, Adan A, Mahendradas P, Khairallah M, Guthoff R and Kucukerdonmez C. Three-year visual results of intravitreal bevacizumab in inflammatory ocular neovascularization . European Vitreoretinal Surgery Society Seville Spain. Oral Lecture. 2010.
14. **Kurup SK**, Mansour AM, Arevalo JF, Fardeau C, Chan W-M, Lai TY, Ziemssen F, Ness T, Mehio-Sibai A, Mackensen F, Wolf A, Akesby J, LeHoang P, Adan A, Mahendradas P, Khairallah M, Guthoff R and Kucukerdonmez C. Three-year visual results of intravitreal bevacizumab in inflammatory ocular neovascularization. American Society of Retinal Specialists. Vancouver. Oral Lecture. 2010.
15. Acute retinal necrosis. Invited Speaker, International Masters in Retina hosted by American Society of Retina Specialists, European Society of Retina Specialists and Asian Society of Retina Specialists at Dominican Republic. 2011.
16. Oliver A, Callanan D, **Kurup SK**. Metronomic antiangiogenic therapy in CSR: A Retrospective Analysis. American Society of retinal Specialists. Boston. Oral Lecture. 2010.
17. **Kurup, SK**. Metronomic antiangiogenic therapy using Methotrexate in CSR: A Retrospective Analysis. American Academy of Ophthalmology. Orlando. 2011. Retinal Subspecialty Day. Lecture.
18. Shaw S, Giegengack M, **Kurup, SK**. Subtenon Kenalog in Non-Necrotizing Scleritis. Association for Research in Vision and Ophthalmology. Lecture 2012.
19. **Kurup SK**. Metronomic antiangiogenic therapy using Methotrexate in CSR: A Retrospective Analysis. APAO Busan. 2012. Retinal Subspecialty. Lecture.
20. Voclosporine in Uveitis. An International Randomized Contolled Trial (Luminate Group). American Society of Retina Specialists. 2012. Boston. Lecture.
21. Mansour AM, Lee JW, Yahng SA, Kim KS, Shahin M, Hamerschlak N, Neto RB, **Kurup SK**. The Collaborative Eye Findings in Aplastic Anemia Group. Ocular Findings in Aplastic Anemia. World Ophthalmology Congress. Abu Dhabi 2012. Asia Pacific Ophthalmology 2012. India. Retinitis. Invited Speaker.
22. Ridgeley, **Kurup**, John, Greven. Scleral Buckling and Disorder. Retinal case at Maters of Retina. 2013. ASRS. Toronto.
23. Gremillion CM, **Kurup SK**. Giant retinal tear and Perfluoron. American Society of Retina Specialists. Retinal Case. Toronto.2013. Lecture
24. **Kurup SK**. Retinal Manifestations of a Female Predominant Deadly Disorder. American Society of Retina Specialists. Retinal Case. Toronto.2013. Lecture
25. **Kurup SK**. Dexamethasone Implant in Branch Retinal vein Occlusions (SHASTA study). American Society of Retina Specialists (ASRS). Toronto. 2013. Lecture.
26. **Kurup SK**. CRVO and AMD. New Orleans Academy of Ophthalmology. Lecture 2013.

27. Nguyen, **Kurup** (co author). VISUAL TRIALS 1 and 2. IOIS 2015. Lecture.
28. John, **Kurup** (senior author) et al. DEX implant in uveitis. IOIS 2015. Lecture.
29. **Kurup SK** et al CNV in uveitis. IOIS 2015. San Francisco. Lecture.

#### 4. Other Evidence of Scholarship:

1. NRMP/ USMLE Board member 2007-2009.
2. Academy of Ophthalmology: Uveitis Reading guidelines author 2010 to date.
3. American Society of Retinal Specialists Retina Fellowship Guidelines Board member 2013 to date.

#### PATENTS:

1. Amblyopia Preventing Corrective Lens Eye Patch, US Patent approved. 2003.
2. Low Vision Medication Measuring Device, US Patent Pending re-filed. 2009.
3. Adhesive frames for high index polymer lenses, US Patent approved. 2009.
4. Guide for Intravitreal Injections. US patent approved. 2010.
5. Multikeratome, surgical tool for ocular surgery now in commercial production.  
www.multikeratome.com (role:testing only)

#### MEDIA APPEARANCES

1. BBC 2001 WTC related injuries.
2. Eynet 2002 for Educational reforms in Residency Programs.
3. CNN (above recast).
4. Pharmawire (Financial Times) Current Developments in Uveitis. 2010.
5. German Newspaper.Stellv. Redaktionsleitung. Redaktion Current Congress for World Ophthalmology Congress. 2010. INSIGHT INTO 41 OCULAR VASCULAR EVENTS AFTER BEVACIZUMAB/RANIBIZUMAB INJECTIONS. Ahmad M Mansour, **Shree Kurup, M.D.**

#### COMMUNITY SERVICE

1. Board Member. Services for the Blind.NC, Advisor to the Hon Governor,NC.
2. Official Reviewer for NC Medical Board
3. Board Member, Committee for Ethical Judicial Affairs, NC Med Society.