

# Curriculum Vitae

## **PART I: General Information**

**Date Prepared:** September 6, 2015

**Name:** Nan-Kai Wang

**Gender:** Male

**Place of Birth:** Kaohsiung, Taiwan

**Citizenship:** Taiwan

**Office Address:** Department of Ophthalmology, Chang Gung Memorial Hospital  
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**Language:** English, Mandarin, Taiwanese



### **Education:**

1994 - 2001 M.D. [National Taiwan University](#), Taiwan

2006 - 2013 Ph.D. Department of Anatomy and Cell Biology,  
[National Taiwan University](#), Taiwan

### **Employment Record**

2000 - 2001 Internship, National Taiwan University Hospital, Taipei, Taiwan

2001 - 2004 Ophthalmology Residencies , Department of Ophthalmology,  
Chang Gung Memorial Hospital, Tao-Yuan, Taiwan

2004 - 2005 Chief Resident, Department of Ophthalmology,  
Chang Gung Memorial Hospital, Tao-Yuan, Taiwan

2005 - 2006 Vitreoretinal fellowship, Department of Ophthalmology,  
Chang Gung Memorial Hospital, Tao-Yuan, Taiwan

2006 - present Attending physician, Department of Ophthalmology,  
Chang Gung Memorial Hospital, Tao-Yuan, Taiwan

2007 - 2009 Postdoctoral research fellowship, Department of Ophthalmology,  
Edward S. Harkness Eye Institute, Columbia University,  
New York, USA

2007 - 2010 Lecturer, Department of Ophthalmology,  
Chang Gung Memorial Hospital, Tao-Yuan, Taiwan

2010 - 2013 Assistant Professor, Department of Ophthalmology,  
Chang Gung Memorial Hospital, Tao-Yuan, Taiwan

2013 - present Assistant Professor, College of Medicine,  
Chang Gung University, Tao-Yuan, Taiwan

2013 - present Associate Professor, Department of Ophthalmology,  
Chang Gung Memorial Hospital, Tao-Yuan, Taiwan

**Board Certification :** PHYSICIAN BOARD OF R.O.C. (Nov. 30, 2001; No: 033317)  
OPHTHALMOLOGY BOARD OF R.O.C. (Oct. 31, 2005; No: 001445)

**Licensers:** Chinese License NO: 033317  
Foreign State License: nil

**Professional Society Involvement:**

2005 - present Member, The Ophthalmology Society of The Republic of China  
2005 - present Member, Taiwanese Society of Cataract and Refractive Surgeons  
2005 - present Member, Taiwan Academy of Ophthalmology  
2005 - present Member of the Association for Research in Vision and Ophthalmology (USA)  
2007 - present Member of American Academy of Ophthalmology (AAO)  
2012 - present Member of Taiwan Retina Society  
2012 - present Managing Editor of Taiwan Journal of Ophthalmology  
2014 - present Editorial Board Member of Ophthalmic Genetics  
2014 - present Active Member of [The Macula Society](#)

**Research Interest:** Pediatric retinal detachment (clinical study)  
Diabetic retinopathy (basic and clinical study)  
Retinal degeneration and dystrophy (basic and clinical study)  
Pathogenesis of myopic maculopathy

**Awards:**

2005 Best Resident's Paper Award in Chang Gung Memorial Hospital  
2006 Alcon Best Paper Award, Taiwan  
2007 PhD Student Study Abroad Program, National Science Council, Taiwan  
2009 Best Fellow Presentation from Professor Alan Bird in Macula 2009, New York  
2009 The ARVO Foundation for Eye Research/Retina Research Foundation/Joseph M. and Eula C. Lawrence Travel Scholarships in ARVO 2009  
2010 Travel grant from Hong Kong Vision Foundation Asia-Pacific Academy of Ophthalmology Congress (APAO)/AAO joint meeting, Beijing, China.  
2010 MSD Best Paper Award, Taiwan  
2011 Alcon Best Paper Award, Taiwan  
2012 COHK / HKOS Travel Grants 2012, Hong Kong, China

**Research Studies & Funding:**

Feb 2006 – Feb 2009 **Co- Principal Investigator** B7A-Mc-MBDL (LY333531)  
Reduction in the Occurrence of Center-Threatening Diabetic Macular Edema  
Aug 2007 - Jul, 2008 **Principal Investigator, CMRPG360571**, Chang Gung Memorial Hospital, Taiwan  
Integration of Transplanted Embryonic or Adult Stem Cells in an Animal Model of Retinitis Pigmentosa  
Aug 2008 - Jul 2009 **Principal Investigator, CMRPG360572**, Chang Gung Memorial Hospital, Taiwan  
Integration of Transplanted Embryonic or Adult Stem Cells in an Animal Model of Retinitis Pigmentosa  
Jan 2008 - Jan 2009 **Principal Investigator, NSC-096-2917-I-002-105** PhD Student Study Abroad Program, National Science Council, Taiwan  
Integration of Transplanted Embryonic or Adult Stem Cells in an Animal Model of Retinitis Pigmentosa  
Aug 2009 - Jul 2010 **Principal Investigator, NSC 98-2314-B-182A-078**, National Science Council, Taiwan  
The role of macrophage in retinal degeneration  
Dec 2009 - Jan 2013 **Principal Investigator, CMRPG381561-381563**, Chang Gung Memorial Hospital, Taiwan  
The relationship between macrophage and fundus autofluorescence in retinal degeneration of *Nr2e3<sup>rd7</sup>(rd7)* mice

- Aug 2010 - Jul 2013 **Principal Investigator, NSC 99-2314-B-182A-029-MY3**, National Science Council, Taiwan  
The role of macrophage in mice with defective NR2E3 gene
- Aug 2010 - Jul 2013 **Co-Principal Investigator, NSC 99-2314-B-182-020-MY3**, National Science Council, Taiwan  
Preclinical evaluation of the efficacy and safety of vital dyes for inner limiting membrane staining
- Sep 2011 - Aug 2014 **Principal Investigator, CMRPG381801-381803**, Chang Gung Memorial Hospital, Taiwan  
Chang Gung Juvenile Diabetes Eye Study
- Jul 2013 - Jun 2016 **Principal Investigator, CMRPG3C1051-3C1053**, Chang Gung Memorial Hospital, Taiwan  
Genetic Study of Photoreceptor Degeneration in Taiwan
- Aug 2013 – Jul 2016 **Principal Investigator, NSC 102-2314-B-182A-102-MY3**, National Science Council, Taiwan  
Role of GDNF Family Ligands in Retinal Degeneration

## PART II: Bibliography & Presentations

### Bibliography/Publications:

#### SCI

1. **Wang NK**, Wu WC, Chuang LH, Tsao YP, Chen TL, Lai CC\*. Choroidal neovascularization after globe penetration by peribulbar anesthesia: A case report. *Archives of Ophthalmology* 2004, 122(10):1544-6 (SCI ; IF=3.711 ; Ophthalmology 5/56)
2. **Wang NK**, Tsai CH, Chen YP, Yeung L, Wu WC, Chen TL, Lin KK, Lai CC\*. Pediatric Rhegmatogenous Retinal Detachment in East Asians : Original. *Ophthalmology* 2005, 112(11):1890-1895 (Best Resident's Paper Award in Chang Gang Memorial Hospital) (Alcon Best Paper Award, Taiwan 2006) (SCI ; IF=5.454 ; Ophthalmology 2/56)
3. **Wang NK**, Chen YP, Yeung L, Chen KJ, Chao AN, Kuo YH, Lee JS, Lai CC\*. Traumatic Pediatric Retinal Detachment Following Open Globe Injury: Original. *Ophthalmologica* 2007, 221(4):255-263 (SCI; IF=1.424; Ophthalmology 32/56)
4. Lai CC\*, Chuang LH, **Wang NK**, Yeung L, Chen YP, Hwang YS, Chen KJ, Wu WC. Preventing the Deposition of Triamcinolone in Macular Hole by Use of Whole Blood in Triamcinolone-assisted Membrane Peeling: Original. *Retina*.2007, 27(7):932-937. (SCI ; IF=2.812 ; Ophthalmology 11/56)
5. Yeung L, Yang KJ, Chen TL, **Wang NK**, Chen YP, Ku WC, Lai CC\*. Association between severity of vitreous haemorrhage and visual outcome in primary rhegmatogenous retinal detachment: Original. *Acta Ophthalmol* 2008, 86: 165–169 (SCI; IF=2.629; Ophthalmology 13/56)
6. Lai CC\*, Yeung L, Chen YP, **Wang NK**, Wu WC, Chen KJ, Chuang LH, Chen TL. Macular and visual outcomes after cataract extraction for highly myopic foveoschisis. *J Cataract Refract Surg* 2008, 34(7):1152-1156 (SCI; IF=2.264; Ophthalmology 16/56)
7. Davis R, Tosi J, Janisch K, Kasanuki J, **Wang NK**, Kong J, Tsui I, Cilluffo M, Woodruff M, Fain GL, Lin CS, Tsang S\*. Functional rescue of degenerating photoreceptors in mice homozygous for a hypomorphic cGMP phosphodiesterase 6 allele (Pde6bH620Q). *Invest Ophthalmol Vis Sci* 2008, 49(11):5067-76 (SCI ; IF=3.597 ; Ophthalmology 6/56)
8. **Wang NK**, Chen YP, Lai CC\*, Chen TL, Yang KJ, Kuo YH, Chao AN, Wu WC, Chen KJ, Hwang YS, Yeung L, Liu L. Pediatric Retinal Detachment: Comparison of High Myopia and Extreme Myopia. *Br J Ophthalmol* 2009, 93(5):650-5. (SCI ; IF=2.902 ; Ophthalmology 10/56)
9. **Wang NK**, Chou CL, Lima LH, Cella W, Tosi J, Yannuzzi LA, Tsang SH\*. Fundus

- autofluorescence in cone dystrophy. *Doc Ophthalmol*. 2009, 119(2):141-4. [Epub ahead of print] (SCI ; IF=2.107 ; Ophthalmology 21/56)
10. Hsiao CH<sup>\*</sup>, Yeung L, Yeh LK, Kao LY, Tan HY, **Wang NK**, Lin KK, Ma DH. Pediatric herpes simplex virus keratitis. *Cornea* 2009, 28(3):249-53. (SCI ; IF=1.733 ; Ophthalmology 25/56)
  11. Tosi J, Tsui I, Lima LH, **Wang NK**, Tsang SH<sup>\*</sup>. Case report: autofluorescence imaging and phenotypic variance in a sibling pair with early-onset retinal dystrophy due to defective CRB1 function. *Curr Eye Res* 2009, 34(5):395-400. (SCI ; IF=1.280 ; Ophthalmology 33/56)
  12. Tosi J, Janisch KM, **Wang NK**, Kasanuki JM, Flynn JT, Lin CS, Tsang SH<sup>\*</sup>. Cellular and Molecular Origin of Circumpapillary Dysgenesis of the Pigment Epithelium. *Ophthalmology* 2009, 116(5):971-80. (SCI ; IF=5.454 ; Ophthalmology 2/56)
  13. **Wang NK**, Chen TL, Lai CC<sup>\*</sup>, Kuo YH, Chao AN, Wu WC, Chen KJ, Hwang YS, Chen YP, Liu L. Clinical Characteristics and Surgical Outcomes of Paediatric Retinal Detachment with Lens Disorders: Original. *Journal of Pediatric Ophthalmology and Strabismus* 2009, 46:160-167. (SCI; IF=0.626; Ophthalmology 47/56)
  14. Lima LH, Cella W, Greenstein VC, **Wang NK**, Busuioc M, Smith RT, Yannuzzi LA, Tsang SH<sup>\*</sup>. Structural Assessment of Hyperautofluorescent Ring in Patients with Retinitis Pigmentosa. *Retina* 2009, 29:1025-1031. (SCI ; IF=2.812 ; Ophthalmology 11/56)
  15. **Wang NK**, Fine HF, Chang S, Chou CL, Cella W, Tosi J, Lin CS, Nagasaki T, Tsang SH<sup>\*</sup>. Cellular Origin of Fundus Autofluorescence in Patients and Mice With Defective *NR2E3* Gene. *Br J Ophthalmol* 2009, 93(9):1234-40. (MSD Best Paper Award, Taiwan 2010) (SCI ; IF=2.902 ; Ophthalmology 10/56)
  16. Chen KJ<sup>\*</sup>, Hwang YS, Chen YP, Lai CC, Chen TL, **Wang NK**. Endogenous Klebsiella Endophthalmitis Associated with Klebsiella pneumoniae Pneumonia. *Ocul Immunol Inflamm* 2009,17:153-9. (SCI; IF=1.250; Ophthalmology 35/56)
  17. Lai CC<sup>\*</sup>, Chuang LH, **Wang NK**, Yeung L, Chen YP, Hwang YS, Chen KJ, Wu WC. Trypan blue selective staining using whole blood for internal limiting membrane peeling during macular hole corrective surgery. *Cutan Ocul Toxicol* 2009,28(3):114-8. (SCI ; IF=0.912 ; Ophthalmology 43/56)
  18. Liu L, Wu WC, Yeung L, **Wang NK**, Kuo YH, Chao AN, Chen KJ, Chen TL, Lai CC<sup>\*</sup>, Hwang YS, Chen YP. Ghost cell glaucoma after intravitreal bevacizumab for postoperative vitreous hemorrhage following vitrectomy for proliferative diabetic retinopathy. *Ophthalmic Surg Lasers Imaging*. 2010;41(1):72-7. (SCI; IF=0.743; Ophthalmology 42/48)
  19. Cella W, Lima LH, **Wang NK**, Tosi J, Yannuzzi LA, Tsang SH<sup>\*</sup>. Autofluorescence and High-Resolution OCT Findings Revealed Ciliopathy in Senior-Loken Syndrome. *Ophthalmic Surg Lasers Imaging*. 2010 Mar 9:1-4. [Epub ahead of print] (SCI; IF=0.743; Ophthalmology 42/48)
  20. **Wang NK**, Tosi J, Kasanuki JM, Chou CL, Kong J, Parmalee N, Wert KJ, Allikmets R, Lai CC, Chien CL, Nagasaki T, Lin CS, Tsang SH<sup>\*</sup>. Transplantation of Reprogrammed Embryonic Stem Cells Improves Visual Function in a Mouse Model for Retinitis Pigmentosa. *Transplantation*. 2010 Apr 27;89(8):911-9. [Epub ahead of print] (Alcon Best Paper Award, Taiwan 2011) (SCI; IF=4.003; Transplantation 4/24)
  21. Chen KJ<sup>\*</sup>, Hwang YS, **Wang NK**, Chao AN. Endogenous Klebsiella pneumoniae endophthalmitis with renal abscess: Report of two cases. *Int J Infect Dis* 2010 May;14(5):e429-32. [Epub ahead of print] (SCI; IF=1.938; Infectious Disease 46/70)
  22. Chuang LH, **Wang NK**, Yeung L, Chen YP, Hwang YS, Wu WC, Lai CC<sup>\*</sup>. Use of autologous whole blood during internal limiting membrane peeling and macular hole surgery is protective for indocyanine green toxicity. *Cutan Ocul Toxicol*. 2010 Jun;29(2):98-104. (SCI ; IF=0.912 ; Ophthalmology 43/56)
  23. Braunstein A, Trief D, **Wang NK**, Chang S, Tsang SH<sup>\*</sup>. Vitamin A deficiency in New York City. *Lancet*. 2010 Jul 24;376(9737):267. (SCI; IF=38.278; Medicine 2/153)
  24. Wu WC<sup>\*</sup>, Lai CC, Chen KJ, Chen TL, **Wang NK**, Hwang YS, Yeung L, Li LM.

- Long-Term Tolerability and Serum Concentration of Bevacizumab (Avastin) when injected in Newborn Rabbit Eyes. *Invest Ophthalmol Vis Sci.* 2010 Jul;51(7):3701-8. [Epub ahead of print] (SCI ; IF=3.597 ; Ophthalmology 6/56 )
25. Tosi J<sup>#</sup>, **Wang NK**<sup>#</sup>, Zhao J, Chou CL, Kasanuki JM, Tsang SH<sup>\*</sup>, Nagasaki T. Rapid and Noninvasive Imaging of Retinal Ganglion Cells in Live Mouse Models of Glaucoma. *Mol Imaging Biol* 2010 Aug;12(4):386-93. [Epub ahead of print] (<sup>#</sup>Co- first Author) (SCI ; IF=3.844 ; Radiology, nuclear medicine & medical imaging 14/116)
26. Chuang LH, Yeung L, **Wang NK**, Shen-Lih Chen H, Ku WC, Lai CC<sup>\*</sup>. Secondary Ocular Hypertension After Intravitreal Injection with 2 mg or 4 mg of Triamcinolone in Retinal Vein Occlusion. *J Ocul Pharmacol Ther.* 2010 Aug;26(4):325-8 (SCI ; IF=1.509 ; Ophthalmology 28/56)
27. Chuang LH, Wu WC, Yeung L, **Wang NK**, Hwang YS, Chen KJ, Kuo JZ, Lai CC<sup>\*</sup>. Serum Concentration of Bevacizumab after Intravitreal Injection in Experimental Branch Retinal Vein Occlusion. *Ophthalmic Res.* 2010 Aug 11;45(1):31-35. [Epub ahead of print] (SCI; IF=1.561; Ophthalmology 27/56)
28. Chen KJ<sup>\*</sup>, **Wang NK**, Sun MH, Chen TL, Lai CC, Wu WC, Tan HY. Endophthalmitis Caused by *Stenotrophomonas maltophilia*. *Ophthalmic Surg Lasers Imaging.* 2010 Sep 22;41(5):e555-e561. doi: 10.3928/15428877-20100910-03.
29. Tosi J, Davis RJ, **Wang NK**, Naumann M, Lin CS, Tsang SH<sup>\*</sup>. shRNA knockdown of guanylate cyclase 2e or cyclic nucleotide gated channel alpha 1 increases photoreceptor survival in a cGMP phosphodiesterase mouse model of retinitis pigmentosa. *J Cell Mol Med.* 2011 Aug;15(8):1778-87. [Epub ahead of print] (SCI ; IF=4.125 ; Cell Biology 65/179)
30. Hung KC, Hsueh PY, Su WW, **Wang NK**, Tan HY<sup>\*</sup>. Transient myopic shifting in systemic lupus erythematosus. *Lupus.* 2011 Mar;20(3):334-5. [Epub 2010 Oct 18] (SCI ; IF=2.337 ; Rheumatology 15/29)
31. Lin PH, **Wang NK**, Hwang YS, Ma DH, Yeh LK<sup>\*</sup>. Bee Sting of the Cornea and Conjunctiva: Management and Outcomes. *Cornea.* 2011 Apr;30(4):392-4. [Epub ahead of print] (SCI ; IF=1.733 ; Ophthalmology 25/56)
32. Wu WC, Chen CC, Liu CH, **Wang NK**, Chen KJ, Chen TL, Hwang YS, Li LM, Lai CC<sup>\*</sup>. Plasmin treatment accelerates vascular endothelial growth factor clearance from rabbit eyes. *Invest Ophthalmol Vis Sci.* 2011 Aug 3;52(9):6162-7. (SCI ; IF=3.597 ; Ophthalmology 6/56)
33. Chen KJ<sup>\*</sup>, Sun MH, Lai CC, Wu WC, Chen TL, Kuo YH, Chao AN, Hwang YS, Chen YP, **Wang NK**, Liu L, Kuo JZ. Endophthalmitis Caused by *Pseudomonas Aeruginosa* in Taiwan. *Retina.* 2011 Jun;31(6):1193-8. (SCI ; IF=2.812 ; Ophthalmology 11/56)
34. Lai CC<sup>\*</sup>, **Wang NK**, Wu WC, Yeung L, Hwang YS, Chen KJ, Chen TL, Chuang LH. The long-term anatomical and visual effect of intravitreal triamcinolone injection during vitrectomy for the treatment of idiopathic macular epiretinal membrane. *Cutan Ocul Toxicol.* 2011 Dec;30(4):292-7 (SCI ; IF=0.912 ; Ophthalmology 43/56)
35. Chen KJ<sup>\*</sup>, Chao AN, Hwang YS, Chen YP, **Wang NK**. Prognostic factors and outcomes in endogenous *Klebsiella* endophthalmitis. *Am J Ophthalmol.* 2011 Jun;151(6):1105-6; author reply 1106-7. (SCI ; IF=4.223 ; Ophthalmology 3/56)
36. Lai CC<sup>\*</sup>, **Wang NK**, Chuang LH, Wu WC, Yeung L, Hwang YS, Chen KJ, Chen TL. Blood clump-assisted vitrectomy and interanal limiting membrane peeling for macular hole repair. *Retina.* 2011 Nov;31(10):2014-20. (SCI ; IF=2.812 ; Ophthalmology 11/56)
37. Kuo JZ, Ong FS, Yeung L, Wu WC, Chen YP, **Wang NK**, Lai CC<sup>\*</sup>. Predictive factors for visual outcome to intravitreal bevacizumab in young chinese patients with myopic choroidal neovascularization. *Retina.* 2011 Oct;31(9):1835-40. [Epub ahead of print] (SCI ; IF=2.812 ; Ophthalmology 11/56)
38. Wu WC<sup>\*</sup>, Lai CC, Lin RI, **Wang NK**, Chao AN, Chen KJ, Chen TL, Hwang YS. Modified 23-gauge vitrectomy system for stage 4 retinopathy of prematurity. *Arch Ophthalmol.* 2011 Oct;129(10):1326-31. (SCI ; IF=3.711 ; Ophthalmology 5/56)

39. **Wang NK\***, Lai CC, Chu HY, Chen YP, Chen KJ, Wu WC, Yeh LK, Chuang LH, Chen TL. Classification of Early Dry-Type Myopic Maculopathy with Macular Choroidal Thickness. *Am J Ophthalmol.* 2012 Apr;153(4):669-677.e2. [Epub ahead of print] (SCI ; IF=4.223 ; Ophthalmology 3/56)
40. Chen KJ\*, Chen YP, Sun MH, Lai CC, Wu WC, **Wang NK**. Prognostic indicators for no light perception after open-globe injury. *Am J Ophthalmol.* 2012 Apr;153(4):778-9. (SCI ; IF=4.223 ; Ophthalmology 3/56)
41. Wu WC\*, Lin RI, Shih CP, **Wang NK**, Chen YP, Chao AN, Chen KJ, Chen TL, Hwang YS, Lai CC, Huang CY, Tsai S. Visual Acuity, Optical Components, and Macular Abnormalities in Patients with a History of Retinopathy of Prematurity. *Ophthalmology.* 2012 Sep;119(9):1907-16. Epub 2012 May 10 (SCI ; IF=5.454 ; Ophthalmology 2/56)
42. **Wang NK\***, Chuang LH, Lai CC, Chou CL, Chu HY, Yeung L, Chen YP, Chen KJ, Wu WC, Chen TL, Chao AN, Hwang YH. Multimodal Fundus Imaging in Fundus Albipunctatus with RDH5 Mutation: a Newly Identified Compound Heterozygous Mutation and Review of the Literature. *Doc Ophthalmol.* 2012 125(1): 51-62. Epub 2012 Jun 6. (SCI ; IF=2.107 ; Ophthalmology 21/56)
43. Wu WC\*, Liu CH, Chen CC, **Wang NK**, Chen KJ, Chen TL, Hwang YS, Li LM, Lai CC. Efficient vitreolysis by combining plasmin and sulfur hexafluoride injection in a preclinical study in rabbit eyes. *Mol Vis.* 2012;18:2361-70. Epub 2012 Sep 19. (SCI ; IF=2.205 ; Ophthalmology 18/56)
44. Chuang LH, **Wang NK**, Chen YP, Yeung L, Hwang YS, Chen KJ, Wu WC, Chen TL, Lai CC\*. Vitrectomy and panretinal photocoagulation reduces the occurrence of neovascular glaucoma in central retinal vein occlusion with vitreous hemorrhage. *Retina.* 2013 Apr;33(4):798-802 (SCI ; IF=2.812 ; Ophthalmology 11/56)
45. **Wang NK\***, Lai CC, Chou CL, Chen YP, Chuang LH, Chao AN, Tseng HJ, Chang CJ, Wu WC, Chen KJ, Tsang SH. Choroidal Thickness and Biometric Markers for the Screening of Lacquer Cracks in Patients with High Myopia. *PLoS One.* 2013;8(1):e53660. doi: 10.1371/journal.pone.0053660. Epub 2013 Jan 22. (SCI ; IF=4.092 ; Biology 12/85)
46. Chen YH, Lien RI, Lai CC, Chao AN, Chen KJ, Hwang YS, **Wang NK**, Chen YP, Chen TL, Chang CJ, Wu WC. Retinopathy of Prematurity in Neonatal Patients with Birth Weight Greater than 1500 g in Taiwan. *Biomed J.* 2013 Mar-Apr;36(2):84-9. doi: 10.4103/2319-4170.110399.
47. Rao X, **Wang NK**, Chen YP, Hwang YS, Chuang LH, Liu IC, Chen KJ, Wu WC, Lai CC. Outcomes of Outpatient Fluid-Gas Exchange for Open Macular Hole After Vitrectomy. *Am J Ophthalmol.* 2013 Aug;156(2):326-333.e1. doi: 10.1016/j.ajo.2013.03.031. Epub 2013 May 17. [Epub ahead of print] (SCI ; IF=4.223 ; Ophthalmology 3/56)
48. **Wang NK**, Lai CC, Liu CH, Yeh LK, Chou CL, Kong J, Nagasaki T, Tsang SH. Origin of fundus hyperautofluorescent (AF) spots, and their role in retinal degeneration in a Mouse Model of Goldmann-Favre Syndrome. *Dis Model Mech.* 2013 Sep-Oct;6(5):1113-22. doi: 10.1242/dmm.012112. Epub 2013 Jul 4.
49. Lee TJ, Hwang JC, Chen RW, Lima LH, **Wang NK**, Tosi J, Freund KB, Yannuzzi LA, Tsang SH. The Role of Fundus Autofluorescence in Late-Onset Retinitis Pigmentosa (LORP) Diagnosis. *Ophthalmic Genet.* 2014 Sep;35(3):170-9. doi: 10.3109/13816810.2013.800891. Epub 2013 Jul 30
50. Wu WC, Shih CP, **Wang NK**, Lien R, Chen YP, Chao AN, Chen KJ, Chen TL, Hwang YS, Lai CC, Huang CY, Tsai S. Choroidal Thickness in Patients With a History of Retinopathy of Prematurity. *JAMA Ophthalmol.* 2013 Nov 1;131(11):1451-8. doi: 10.1001/jamaophthalmol.2013.5052.
51. Chuang LH, **Wang NK**, Chen YP, Wu WC, Lai CC. Mature vessel occlusion after anti-VEGF treatment in a retinal arteriovenous malformation. *BMC Ophthalmol.* 2013 Oct 21;13(1):60. [Epub ahead of print]

52. Liu CF, Chen LJ, Tsai SH, Lai CC, Chan WC, Wu WC, **Wang NK**, Chen KJ, Hwang YS, Chen YP, Yeung L. Half-Dose Verteporfin Combined with Half-Fluence Photodynamic Therapy for Chronic Central Serous Chorioretinopathy. *J Ocul Pharmacol Ther.* 2014 Jun;30(5):400-5. [Epub ahead of print]
53. Chuang LH, Hwang YS, **Wang NK**, Chen YP, Liu L, Yeung L, Chen KJ, Chen TL, Wu WC, Lai CC. The Chorioretinal Damage Caused by Different Half Parameters of Photodynamic Therapy in Rabbits. *J Ocul Pharmacol Ther.* 2014 Oct;30(8):642-9. doi: 10.1089/jop.2013.0219. Epub 2014 Jun 20
54. Chuang LH, Chen YP, **Wang NK**, Yeung L, Chen KJ, Hwang YS, Wu WC, Chen TL, Lai CC. Macular Hole Repair By Vitrectomy And Internal Limiting Membrane Peeling In Highly Myopic Eyes. *Retina.* 2014 Oct;34(10):2021-7.
55. Chen YH, Lien RI, Tsai S, Chang CJ, Lai CC, Chao AN, Chen KJ, Hwang YS, **Wang NK**, Chen YP, Chen TL, Wu WC. Natural History Of Retinopathy Of Prematurity: Two-Year Outcomes Of A Prospective Study. *Retina.* 2015 Jan;35(1):141-8.
56. Chen YH, Chen SN, Lien RI, Shih CP, Chao AN, Chen KJ, Hwang YS, **Wang NK**, Chen YP, Lee KH, Chuang CC, Chen TL, Lai CC, Wu WC; Refractive errors after the use of bevacizumab for the treatment of retinopathy of prematurity: 2-year outcomes. *Eye (Lond).* 2014 Sep;28(9):1080-7.
57. Liu CF, Liu L, Lai CC, Chou CL, Yeh LK, Chen KJ, Chen YP, Wu WC, Chuang LH, Sun CC, **Wang NK**\*. Multimodal Imaging Including Spectral Domain Optical Coherence Tomography and Confocal Near Infrared Reflectance for Characterization of Lacquer Cracks in Highly Myopic Eyes. *Eye (Lond).* 2014 Dec;28(12):1437-45. doi: 10.1038/eye.2014.221. Epub 2014 Sep 19.
58. Chen HF, Chen MC, Lai CC, Yeung L, **Wang NK**, Chen HS, Ku WC, Wu SC, Chang SH, Chuang LH. Neovascular glaucoma after central retinal vein occlusion in pre-existing glaucoma. *BMC Ophthalmol.* 2014 Oct 5;14(1):119. doi: 10.1186/1471-2415-14-119
59. Wu WC, Liu CH, **Wang NK**, Chen KJ, Chen TL, Hwang YS, Liao PJ, Li LM, Lai CC. Lens Subluxation after Plasmin and SF6 Injections in Rabbit Eyes. *PLoS One.* 2014 Nov 14;9(11):e112957. doi: 10.1371/journal.pone.0112957
60. Wu WC, Lien R, Liao PJ, **Wang NK**, Chen YP, Chao AN, Chen KJ, Chen TL, Hwang YS, Lai CC. Serum Levels of Vascular Endothelial Growth Factor and Related Factors After Intravitreal Bevacizumab Injection for Retinopathy of Prematurity. *JAMA Ophthalmol.* 2015 Apr 1;133(4):391-7. doi: 10.1001/jamaophthalmol.2014.5373. [Epub ahead of print]
61. Li YH, Cheng CY, **Wang NK**, Tan HY, Tsai YJ, Hsiao CH, Ma DH, Yeh LK. Characterization of the modified chitosan membrane cross-linked with genipin for the cultured corneal epithelial cells. *Colloids Surf B Biointerfaces.* 2015 Feb 1;126:237-44. doi: 10.1016/j.colsurfb.2014.12.029. Epub 2014 Dec 31.
62. **Wang NK**\*, Liu L, Chen HM, Tsai Shawn, Chang TC, Tsai TH, Yang CM, Chao AN, Chen KJ, Kao LY, Yeung L, Yeh LK, Hwang YS, Wu WC, Lai CC. Clinical Presentations of X-Linked Retinoschisis in Taiwanese Patients Confirmed by Genetic Sequencing. *Molecular Vision* 2015; 21:487-501. eCollection 2015.
63. Lai CC, Chen YP, **Wang NK**, Chuang LH, Liu L, Chen KJ, Hwang YS, Wu WC, Chen TL. Vitrectomy with Internal Limiting Membrane Repositioning and Autologous Blood for Macular Hole Retinal Detachment in Highly Myopic Eyes. *Ophthalmology.* 2015 Sep;122(9):1889-98. [Epub ahead of print]
64. **Wang NK**, Lai CC, Wang JP, Wu WC, Liu L, Yeh LK, Tseng HJ, Chang CJ, Lo FS; Chang Gung Juvenile Diabetes Eye Study Group. Risk factors associated with the development of retinopathy 10 yr after the diagnosis of juvenile-onset type 1 diabetes in Taiwan: a cohort study from the CGJDES. *Pediatr Diabetes.* 2015 Sep 2. doi: 10.1111/pedi.12312. [Epub ahead of print]

## **Non-SCI**

1. Lin PH, **Wang NK**, Chen KJ, Lin KK, LK Yeh\*. Retinal vasculitis following corneal penetrating injury--A case report. *Acta Soc Ophthalmol Sinicae*. 2009;48(4):540-543.
2. Chang WJ, Chen CJ, Chen KJ, Lai CC, Wu WC, **Wang NK**, Huang YS\*. Immunosuppressant therapy in uveitis: 2009 updated evidenced-based use. Part III: New Biologics in Uveitis. *Acta Soc Ophthalmol Sinicae*. 2010;49(4):517-527.
3. **Wang NK**, Chou CL, Tsang SH. Comparing Different Imaging Modalities in Harada Disease: A Case Report. *Retinal Cases & Brief Reports* 2010;4(4):352-355.
4. Chang WJ, Chen CY, Chen KJ, Lai CC, Wu WC, Wang NK, Hwang YS. Immunomodulatory therapy in uveitis: A 2009 updated evidenced-based use part III: new biologics in uveitis. *Acta Soc Ophthalmol Sinicae*. 2010;49(4): 517-527.
5. Chuang LH, **Wang NK**, Chen YP, Hwang YS, Chen KJ, Yang L, Wu WC, Chen TL, Lai CC\*. Comparison of visual outcomes after epiretinal membrane surgery. *Taiwan Journal of Ophthalmology*. 2012 Jun; 2(2):56-59.
6. Chen YH, Wu WC, **Wang NK**, Chen TL, Chao AN, Chen KJ, Hwang YS, Chen YP, Liu L, Kuo ZC, Chang CJ, Chuang LH, Lai CC. Combined photodynamic therapy and anti-vascular endothelial growth factor treatment for idiopathic polypoidal choroidal vasculopathy: one-year follow-up. *Acta Soc Ophthalmol Sinicae*. 2013;52(1):21-31.
7. Ho YF, Kao LY, Lai CC, Wu WC, **Wang NK**\*. Multimodal Retinal Imaging in Achromatopsia. *Retinal Cases & Brief Reports* 2014;8(1):1-3.
8. Liu CH, **Wang NK**, Sun MH. Melanoma-associated retinopathy. *Taiwan Journal of Ophthalmology*. 2014 Jan; 4(4):184-188.

## **Regional, National and International Contributions:**

### **Invited Presentations**

1. 2009/12/07 Invited Talk: Transplantation of Reprogrammed Embryonic Stem Cells Improves Visual Function in a Mouse Model for Retinitis Pigmentosa. National Taiwan University, Taipei, Taiwan.
2. 2010/06/12 Invited Lecture: Electrophysiology and retinal imaging on challenging cases. Taiwan Retinal Club, Novartis, Taipei, Taiwan.
3. 2010/08/21 invited Lecture: Fundus autofluorescence. Heidelberg Spectralis User Meeting, Hwa-In, Taipei, Taiwan.
4. 2010/0828 Educational course: Electoretinogram in Retinal Degeneration. The Ophthalmological Society of Taiwan, Taipei, Taiwan
5. 2010/09/04 Invited Lecture: CNV in pseudoxanthoma elasticum (PXE). Retinal Symposium, Novartis, Taichung, Taiwan.
6. 2010/09/19 Invited Lecture: Practical considerations in genetic testing. Asia-Pacific Academy of Ophthalmology Congress (APAO)/AAO Beijing, China.
7. 2010/12/11 Invited Case Presentation. 1st International Chinese Retina-Specialists Summit (ICRSS), Nanning, China.
8. 2010/12/18 Invited Lecture: Fundus Autofluorescence. Taiwan Retinal Club, Novartis, Taipei, Taiwan.
9. 2011/03/21 Invited talk: The role of electrophysiology and fundus autofluorescence in degenerative retinal diseases. Asia-Pacific Academy of Ophthalmology Congress (APAO) Sydney, Australia.
10. 2011/03/23 Invited talk: Challenging Case Symposium 1. FAN Club At APAO. Asia-Pacific Academy of Ophthalmology Congress (APAO) Sydney, Australia.
11. 2011/04/09 Invited talk: Clinical Features and Genetic Study of X-linked Retinoschisis in Taiwan. Taiwan Academic of Ophthalmology, Taipei, Taiwan.
12. 2011/06/25 Invited talk: Classification of Myopic Maculopathy with Macular Choroidal Thickness. Taiwan Retinal Club, Novartis, Taipei, Taiwan.



13. 2011/08/28 Educational course: Electretinogram in Retinal Degeneration. The Ophthalmological Society of Taiwan, Taipei, Taiwan
14. 2011/09/09 Invited talk: X-linked Retinoschisis in Taiwan. 16th Congress of Chinese Ophthalmological Society. Guangzhou, China.
15. 2011/11/26 Invited talk: Choroidal thickness in highly myopic eyes. 52nd Annual Meeting of the Ophthalmological Society of Taiwan, Taipei, Taiwan.
16. 2012/04/01 Invited talk: Interpretations of ERG and EOG in clinical applications. Taiwan Academic of Ophthalmology, Taipei, Taiwan.
17. 2012/08/25 Educational course: Electrophysiological test in Retinal Degeneration. The Ophthalmological Society of Taiwan, Taipei, Taiwan.
18. 2012/09/15 Invited talk: Fixed versus PRN dosing Regimen. VEGF Trap-Eye Taiwan Local Advisory Board Meeting, Bayer, Taipei, Taiwan.
19. 2012/10/07 Invited talk: Choroidal threshold of Lacquer Crack. Taiwan Academic of Ophthalmology, Kaohsiung, Taiwan.
20. 2012/10/23 Invited talk: Age-Related Macula Degeneration and Polypoidal Choroidal Vasculopathy, Shuang Ho Hospital, New Taipei, Taiwan.
21. 2012/11/18 Invited talk: Anti-VEGF treatment for retinal vascular occlusion. 53<sup>rd</sup> Annual Meeting of the Ophthalmological Society of Taiwan, Taipei, Taiwan.
22. 2012/11/24 Invited talk: Detecting Lacquer Cracks in Highly Myopic Eyes, 14<sup>th</sup> The Asian Pacific Association for Laser Medicine & Surgery, Taipei, Taiwan.
23. 2012/11/28 Invited talk: Electretinogram and electro-oculogram. Far Eastern Memorial Hospital, Taipei, Taiwan.
24. 2012/12/01 Invited talk: "Myopic Maculopathy, where are we now?" Taichung Veterans General Hospital, Taichung, Taiwan.
25. 2012/12/08 Invited talk: Fixed versus PRN dosing Regimen. Taiwan Retinal Club, Novartis, Taipei, Taiwan.
26. 2012/12/15 Invited talk: Cellular and Molecular Investigations in Vitreo-retinal Diseases, 8th International Symposium of Ophthalmology - Hong Kong, Hong Kong, China.
27. 2013/03/09 Invited talk: Noninvasively Detect Lacquer Cracks in Highly Myopic Eyes. Retina Club, Kaohsiung, Taiwan.
28. 2013/04/21 Invited talk: Hypertension associated retinopathy - Retinal Vein Occlusion. Taiwan Hypertension Society, Taipei, Taiwan.
29. 2013/08/25 Educational course: Electrophysiological test in Retinal Degeneration. The Ophthalmological Society of Taiwan, Taipei, Taiwan.
30. 2013/09/14 Invited talk: Detecting Lacquer Cracks in Highly Myopic Eyes. 18th Congress of Chinese Ophthalmological Society. Xiamen, China.
31. 2013/10/31 Invited talk: Clinical Electrophysiology. Taipei Veterans General Hospital, Taichung, Taiwan.
32. 2013/11/30 Invited talk: Clinical Features of X-Linked Retinitis Pigmentosa and Carrier in Taiwan. 54<sup>th</sup> Academic And Annual Meeting of The Ophthalmological Society of The Republic of China, Taipei, Taiwan.
33. 2013/11/30 Invited talk: Detecting Lacquer Cracks in Highly Myopic Eyes. Cross-Strait Forum. 54<sup>th</sup> Academic And Annual Meeting of The Ophthalmological Society of The Republic of China, Taipei, Taiwan.
34. 2013/12/08 Invited talk: Detecting Lacquer Cracks in Highly Myopic Eyes. The 8<sup>th</sup> Asia Pacific Vitreo-retina Society & The 52<sup>nd</sup> Annual Meeting of Japanese Retina and Vitreous Society, Nagoya, Japan.
35. 2014/04/12 Invited talk: The (electro-) negative ERG. Taipei Symposium of Clinical Electrophysiology of Vision. Taipei, Taiwan
36. 2014/04/20 Invited talk: Electretinogram. 49<sup>th</sup> Academic And Annual Meeting of The Ophthalmological Society of The Republic of China, Taipei, Taiwan.

37. 2014/04/12 Invited talk: The (electro-) negative ERG. Chen-Wu Chen Biography Launch and 1st Chen-Wu Chen Foundation International Ophthalmology Congress (CFIOC), Kaohsiung, Taiwan
38. 2014/07/19 Invited talk: Dry type myopic maculopathy, including lacquer crack, 1<sup>st</sup> International Conference on Pathologic Myopia. Taipei, Taiwan.
39. 2014/09/20 Educational course: Electrophysiological test in Retinal Degeneration. The Ophthalmological Society of Taiwan, Taipei, Taiwan.
40. 2014/11/12 Invited talk: Electrophysiology of Vision. Far Eastern Memorial Hospital, Taipei, Taiwan.
41. 2015/03/22 Invited talk: Retinal flecks, dots, and spots. Taiwan Academic of Ophthalmology, Taipei, Taiwan.
42. 2015/03/29 Invited talk: Clinical Presentations of X-Linked Retinoschisis in Taiwanese Patients Confirmed by Genetic Sequencing. 2015 Meet with Pediatric Retina Expert, Taipei, Taiwan.
43. 2015/05/13 Invited talk: White Dots Syndromes. Far Eastern Memorial Hospital, Taipei, Taiwan.
44. 2015/06/13 Invited talk: Assessment of Dry AMD. Dry AMD Symposium, Taipei, Taiwan.
45. 2015/06/20 Invited talk: Interactive case presentations and controversies in PM. 2nd international Pathologic Myopia, Kyoto, Japan.
46. 2015/07/26 Invited talk: Posterior staphyloma in non-pathologic Myopic Eyes. Taiwan Macula Society, Taipei, Taiwan.
47. 2015/08/16 Invited talk: Summary for current DME treatment. Taiwan Retinal Club, Novartis, Taipei, Taiwan.

#### **Book/Chapter**

1. **Wang NK**, Wu WC, Hwang YS, Yeung L, Lai CC. In: Natarajan S, Hussain N, editors. Textbook of Vitreoretinal Diseases and Surgery. New Delhi; Jaypee Brothers Medical Publishers, 2009:107-118.
2. Vinnie P. Shah & **Nan-Kai Wang**. In: Spaide, Richard F.; Ohno-Matsui, Kyoko; Yannuzzi, Lawrence, editors. Pathological Myopia. Springer Publishers, 2014

#### **Presentations:**

1. Iatrogenic choroidal neovascularization following globe penetration during peribulbar anesthesia: A Case Report. **Nan-Kai Wang**, Chi-Chun Lai, Wei-Chi Wu, Yeou-Ping Tsao, Keh-Ren Yang, Tun-Lu Chen. Academic And Annual Meeting of The Ophthalmological Society of The Republic of China, Dec 15, 2002; Poster Presentation.
2. Cutaneous Mucormycosis: A Case Report. **Nan-Kai Wang**, Yueh-Ju Tsai, Lih Ma, Shu-Ya Wu. Academic And Annual Meeting of The Ophthalmological Society of The Republic of China, Jun 14, 2002; Poster Presentation.
3. Bilateral blind spot enlargement mimics bitemporal hemianopsia: A Case Report. **Nan-Kai Wang**, Ling-Yuh Kao. Academic And Annual Meeting of The Ophthalmological Society of The Republic of China, Apr 10, 2004; Poster Presentation.
4. Twenty-Year Experience of Juvenile Rhegmatogenous Retinal Detachment in Chang Gang Memorial Hospital. **Nan-Kai Wang**, Chi-Chun Lai, Tun-Lu Chen, Kuo Ya-Hui, Chao An-Ning, Wei-Chi Wu, Huang YS. Academic And Annual Meeting of The Ophthalmological Society of The Republic of China, Oct 3, 2004; Oral Presentation.
5. Twenty-Year Experience in Children with Combined Retinal Detachment and Lens Disorders. **Nan-Kai Wang**, Chi-Chun Lai, Ken-Kuo Lin, Tun-Lu Chen, Ya-Hui Kuo, An-Ning Chao, Wei-Chi Wu, Kuan-Jen Chen, Yen-Po Chen, Ling Yeung. Academic And Annual Meeting of The Ophthalmological Society of The Republic of China, Dec 16, 2005; Oral Presentation.
6. Traumatic Pediatric Retinal Detachment Following Open Globe Injury. **Nan-Kai Wang**, Chi-Chun Lai, Tun-Lu Chen, Kuo Ya-Hui, Chao An-Ning, Wei-Chi Wu, Huang YS. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, May 04, 2006; Poster Presentation.

7. Silicone Oil in the Treating of Complicated Pediatric Retinal Detachments. **Nan-Kai Wang**, Chi-Chun Lai, Tun-Lu Chen, Kuo Ya-Hui, Chao An-Ning, Wei-Chi Wu, Kuan-Jen Chen, Huang YS, Yen-Po Chen. Academic And Annual Meeting of The Ophthalmological Society of The Republic of China, Dec 09, 2006; Poster Presentation.
8. Pediatric Retinal Detachment: A comparison Between High Myopia and Excessive High Myopia. **Nan-Kai Wang**, Chi-Chun Lai, Tun-Lu Chen, Kuo Ya-Hui, Chao An-Ning, Wei-Chi Wu, Kuan-Jen Chen, Huang YS, Yen-Po Chen. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, May 10, 2007; Poster Presentation.
9. Rescue ERG in early onset retinal dystrophy. **Nan-Kai Wang**, Joaquin Tosi, Jack Chou, Mie Kasanuki, Richard J. Davis, Kerstin Janisch, Chyuan-Sheng Lin, Stephen Tsang. The International Society For Clinical Electrophysiology of Vision, Fort Lauderdale, Florida, April 26, 2008; Oral Presentation.
10. Functional Analysis of Mouse Embryonic Stem Cells Derived Retinal Pigment Epithelium Cells Transplantatin in Rpe65rd12/Rpe65rd12 Mice. **Nan-Kai Wang**, Mie Kasanuki, Richard J. Davis, Jack Chou, Kerstin Janisch, Joaquin Tosi, Chyuan-Sheng Lin, Stephen Tsang. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, Apr 30, 2008; Oral Presentation.
11. Bulls Eye Maculopathy in a Six-Year-Old Girl. **Nan-Kai Wang**, Stephen Tsang. Wills Eye Retina Club Meeting, Philadelphia, Pennsylvania, Oct 24, 2008; Oral Presentation.
12. Bilateral Retinal White Dots in a 6-year-old boy. **Nan-Kai Wang**, Stephen Tsang. Atlantic Coast Retina Club (Macula 2009), New York, NY, Jan 15, 2009; Oral Presentation.
13. Cellular Origin of Fundus Autofluorescence in Patients and Mice With Defective *NR2E3* Gene. **Nan-Kai Wang**, Howard Fine, Stanley Chang, Chai Lin Chou, Wener Cella, Joaquin Tosi, Chyuan-Sheng Lin, Takayuki Nagasaki, Stephen H. Tsang. The Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, Florida, May 3, 2009; Poster Presentation. (Travel grant receiver)
14. Transplantation of Reprogrammed Embryonic Stem Cells Improves Visual Function in a Mouse Model for Retinitis Pigmentosa. **Nan-Kai Wang**, Chi-Chun Lai, Chung-Liang Chien, Takayuki Nagasaki, Chyuan-Sheng Lin, Stephen H. Tsang. 4th Congress of the Asia-Pacific Vitreo-Retina Society (APVRS), Taipei, Nov 13, 2009; Oral Presentation.
15. Transplantation of Reprogrammed Embryonic Stem Cells Improves Visual Function in a Mouse Model for Retinitis Pigmentosa. **Nan-Kai Wang**, Chi-Chun Lai, Chung-Liang Chien, Takayuki Nagasaki, Chyuan-Sheng Lin, Stephen H. Tsang. Academic And Annual Meeting of The Ophthalmological Society of The Republic of China, Taipei, Nov 14, 2009; Oral Presentation.
16. Cellular Origin of Fundus Autofluorescence in Patients and Mice with Defective *NR2E3* Gene. **Nan-Kai Wang**, Stanley Chang, Chyuan-Sheng Lin, Takayuki Nagasaki, Stephen H. Tsang. Academic And Annual Meeting of The Ophthalmological Society of The Republic of China, Taipei, Nov 14, 2009; Oral Presentation.
17. C204T Mutation in a case of X-linked Retinoschisis. **Nan-Kai Wang**, Chi-Chun Lai, Wei-Chi Wu, Tun-Lu Chen, Kuan-Jen Chen. Academic And Annual Meeting of The Ophthalmological Society of The Republic of China, Taipei, Dec 04, 2010; Poster Presentation.
18. Choroidal Threshold for Lacquer Cracks in Highly Myopic Eyes. Stephen Tsang, **Nan-Kai Wang**. 35<sup>th</sup> Annual Meeting of Macula Society, Jerusalem, Israel, June 11, 2012; Oral Presentation.
19. The Role of Microglia in Retinal Degeneration of Mice with Defective *NR2E3* Gene. **Nan-Kai Wang**, Chi-Chun Lai, Chi-Hsiu Liu, Lung-Kun Yeh, Takayuki Nagasaki, Stephen H. Tsang. The Association for Research in Vision and Ophthalmology (ARVO), Seattle, Washington, May 6, 2013; Poster Presentation.
20. Incidence and the Risk of Diabetic Retinopathy in Juvenile Onset Type 1 Diabetes. **Nan-Kai Wang**, Chi-Chun Lai, Chang Gung Juvenile Diabetic Eye Study. 54<sup>th</sup> Academic And Annual Meeting of The Ophthalmological Society of The Republic of China, Taipei, Nov 30, 2013; Oral Presentation.
21. Non-Invasive Detection of Lacquer Cracks in Pathologic Myopia. **Nan-Kai Wang**. 37<sup>th</sup> Annual Meeting of Macula Society, Key Largo, Florida, Feb 22, 2014; Online Presentation
22. Progressive Bilateral Visual Loss in a Young Healthy Man. **Nan-Kai Wang**. 38<sup>th</sup> Annual Meeting of Macula Society, Scottsdale, Arizona, Feb 25, 2015; Oral Presentation
23. Posterior Staphyloma in Eyes without Long Axial Length. **Nan-Kai Wang**. 38<sup>th</sup> Annual Meeting of Macula Society, Scottsdale, Arizona, Feb 26, 2015; Oral Presentation

Signature: Wang Nan Kai

Date: 9/6/2015