

# **Peter Yuwei Chang, MD**

Massachusetts Eye Research and Surgery Institution (MERSI)

1440 Main Street, Suite 201

Waltham, MA 02451

## **PROFESSIONAL**

### **Massachusetts Eye Research and Surgery Institution**

- Associate Partner
- Diplomate, American Board of Ophthalmology
- Clinical interests: Vitreoretinal Surgery, Uveitis, Ocular Inflammatory Diseases
- Hospital privileges
  - Massachusetts Eye and Ear Infirmary (Boston, MA)
  - Mount Auburn Hospital (Cambridge, MA)
  - Saint Vincent Hospital (Worcester, MA)

## **EDUCATION**

**Tufts University School of Medicine** **2004 – 2008**

- Doctor of Medicine

**Brown University** **2000 – 2004**

- Bachelor of Science in Biology

## **POSTGRADUATE TRAINING**

**Illinois Eye and Ear Infirmary** **2014 – 2016**

- Fellow, Vitreoretinal Surgery

**New York Eye and Ear Infirmary** **2011 – 2014**

- Resident, Ophthalmology
- Chief Administrative Resident (2013 – 2014)

**Mount Auburn Hospital** **2010 – 2011**

- Intern, Internal Medicine

- Clinical Instructor, Harvard Medical School

**Massachusetts Eye Research and Surgery Institution**

**2008 – 2010**

- Chief Research Fellow, Uveitis and Ocular Immunology
- Associate, Ocular Immunology and Uveitis Foundation
- Assistant Editor, *Contemporary Ophthalmology*

**AWARDS**

1. Fellow of the Year (Red Apple Award), Department of Ophthalmology & Visual Sciences, University of Illinois at Chicago/Illinois Eye and Ear Infirmary (2015)
2. Chief Resident Recognition Award, New York Eye and Ear Infirmary of Mount Sinai (2014)
3. Special Recognition Award, Volunteer Department, Massachusetts General Hospital (2003)

**MEETING PRESENTATIONS**

1. Ocular Immunology and Uveitis Foundation Symposium on Causes/Predictors of Uveitis (October 2017)
  - a. Differential Diagnoses of Childhood Uveitis
2. European Vitreoretinal Society (EVRS) 2017 Annual Meeting (September 2017)
  - a. **Keynote Lecture: Birdshot Retinochoroidopathy**
  - b. Review of Uveitis for Retinal Specialists
3. Ocular Immunology and Uveitis Foundation Posterior Segment Summit (November 2016)
  - a. What's New in Diagnosis & Treatment of Diabetic Retinopathy
  - b. Argus II Retinal Prosthesis
4. 27<sup>th</sup> Annual Midwest Ocular Angiography Conference (July 2015)
  - a. Idiopathic uveal effusion and its surgical management
  - b. Autoimmune versus tuberculous serpiginous choroidopathy
  - c. Sclerochoroidal calcification associated with hypomagnesemia
5. Chicago Rabb Retina Study Club
  - a. Massive submacular hemorrhage in neovascular age-related macular degeneration (September 2015)

- b. Giant nodular posterior scleritis associated with exudative retinal detachment (December 2014)
- 6. 4<sup>th</sup> Annual MERSI Physician Education Conference (November 2009)
  - a. Retinal vascular occlusion: risk factor assessment and intervention therapy
- 7. 14<sup>th</sup> Annual Foster Ocular Immunology Society Meeting (May 2009)
  - a. Retinopathy associated with chronic myelogenous leukemia

### PUBLICATIONS

1. Chang PY, Klemencic SA, Ulanski LJ. Intraocular tumor associated with vision loss in a young female. *JAMA Ophthalmology* 2016;134(7):833-4.
2. Bojikian KD, Gupta D, Dettori JM, Dettori NJ, Dettori JR, Chang P, Slabaugh MA. Evidence in ophthalmology: are we doing better? *Ophthalmology* 2015;122(12):2584-6.
3. Kord Valeshabad A, Francis AW, Setlur V, Chang P, Mieler WF, Shahidi M. Hemorrhagic retinopathy after spondylosis surgery and seizure. *Optometry & Visual Science* 2015;92(8):190-3.
4. Chang PY, Leiderman YI. Optimizing surgery for the luxated lens: torsional phaco pars plana vitrectomy. *Retina Today* October 2014 (supplement).
5. Chang PY, Kresch Z, Samson CM, Gentile RC. Spontaneous dissociation of fluocinolone acetonide sustained release implant (Retisert) with dislocation into the anterior chamber. *Ocular Immunology and Inflammation* 2015;23(6):454-7.
6. Lerman MA, Burnham JM, Chang PY, Daniel E, Foster CS, Hennessy S, Jabs DA, Joffe MM, Kaçmaz RO, Levy-Clarke GA, Mills MD, Nussenblatt RB, Rosenbaum JT, Suhler EB, Thorne JE, Kempen JH. Response of pediatric uveitis to tumor necrosis factor- $\alpha$  inhibitors. *Journal of Rheumatology* 2013;40(8):1394-403.
7. Hoguet A, Sullivan T, Rosenberg K, Chang PY, Sidoti PA. Review of “Using multiple trabecular micro-bypass stents in cataract patients to treat open-angle glaucoma.” *EyeWorld* November 2012;72-3.
8. Chang PY, Hamam R, Giuliari GP, Foster CS. Cytomegalovirus panuveitis associated with papillitis in an immunocompetent patient. *Canadian Journal of Ophthalmology* 2012;47(4):e12-3.
9. Turkuoglu P, Chang PY, Rentiya ZS, Channa R, Ibrahim M, Hatf E, Sophie R, Sadaka A, Wang J, Sepah Y, Do DV, Foster CS, Nguyen QD. Mycophenolate mofetil and fundus autofluorescence in the management of recurrent punctate inner choroidopathy. *Ocular Immunology and Inflammation* 2011;19(4):286-92.

10. Giuliari GP, Chang PY, Muci-Mendoza R, Cortez RT. A case of acute multifocal inner retinitis associated with nonspecific viral illness. *Retinal Cases & Brief Reports* 2012;6(1):40-2.
11. Chang PY, Giuliari GP, Shaikh M, Thakuria P, Makhoul D, Foster CS. Mycophenolate mofetil monotherapy in the management of paediatric uveitis. *Eye* 2011;25(4):427-35.
12. Giuliari GP, Sadaka A, Chang PY, Cortez RT. Diabetic papillopathy: current and new treatment options. *Current Diabetes Review* 2011;7(3):171-5
13. Siddique SS, Gonzalez-Gonzalez LA, Thakuria P, Chang PY, Foster CS. Scleral necrosis in a patient with congenital erythropoietic porphyria. *Cornea* 2011;30(1):97-9.
14. Chang PY, Siddique SS, Shaikh M, Foster CS. Topical corticosteroids in ocular diseases. *Current Topics in Steroid Research* 2010;7:1-10.
15. Foster CS, Chang PY, Ahmed AR. Combination of rituximab and intravenous immunoglobulin for recalcitrant ocular cicatricial pemphigoid: a preliminary report. *Ophthalmology* 2010;117(5):861-9.
16. Giuliari GP, Chang PY, Thakuria P, Hinkle DM, Foster CS. Pars plana vitrectomy in the management of paediatric uveitis: the Massachusetts Eye Research and Surgery Institution experience. *Eye* 2010;24(1):7-13.
17. Giuliari GP, Chang PY, Cortez RT. Rhegmatogenous retinal detachment: general concepts and treatment options. *Contemporary Ophthalmology* 2010; 9(12): 1-8.
18. Zakka FR, Chang PY, Giuliari GP, Foster CS. Current trends in the management of ocular symptoms in Adamantiades-Behcet's disease. *Clinical Ophthalmology* 2009;3:567-79.
19. Chang PY, Foster CS. Stopping the progression of uveitic glaucoma: the MERSI experience. *Uveitis (Journal of the Uveitis Information Group; Chief Editor: Manfred Zierhut, MD) 2009 edition: Uveitis and Glaucoma.*
20. Chang PY, Foster CS, Hochberg FH. Primary CNS Lymphoma with Intraocular Involvement (short review of: Grimm SA et al. Primary CNS lymphoma with intraocular involvement: International PCNSL Collaborative Group Report. *Neurology* 2008;71:1355-60). *Journal Watch Neurology* 2009; 11(3): 21-2.
21. Doan S, Chang PY, Hoang-Xuan T. Conjunctival and lid inflammation in children. *Contemporary Ophthalmology* 2009; 8(2): 1-8.
22. Williams L, Chang PY, Park E, Gorson KC, Bayer-Zwirello L. Case Report: Successful treatment of dermatomyositis during pregnancy with intravenous immunoglobulin monotherapy. *Obstetrics & Gynecology* 2007; 109(2 Pt2): 561-3.

## **POSTERS**

1. Chang PY, Chau FY, Lim JI, Leiderman YI. Sutureless scleral-fixated IOL implantation performed in combination with vitreoretinal procedures. American Society of Retina Specialists (ASRS) 2015.
2. Chang PY, Chau FY, Lim JI, Leiderman YI. Indications and outcomes of sutureless scleral-fixated intraocular lens implantation in a university-based referral retina practice. Association for Research in Vision and Ophthalmology (ARVO) 2015.
3. Chang PY, Park SC, Banik R. Enhanced depth imaging optical coherence tomography (EDI-OCT) features distinguishing papilledema and anomalous optic nerves. American Academy of Ophthalmology (AAO) Annual Meeting 2013.
4. Chang PY, Siddique SS, Pujari S, Baheti U, Mauro J, Kedhar S, Samson CM, Foster CS. Intravenous immunoglobulin in the treatment of refractory ocular cicatricial pemphigoid. AAO Annual Meeting 2012.
5. Palafox S, Shah R, Chang PY, Foster CS. Intravenous cyclophosphamide for bilateral retinal vasculitis. ARVO 2011.
6. Chang PY, Diaz V, Hinkle DM, Mauro J, Foster CS, Samson CM. Spectral-domain optical coherence tomography in resolved uveitic cystoids macular edema: features associated with permanent vision loss. ARVO 2010.
7. Turkcuoglu P, Chang PY, Rentiya ZS, Channa R, Ibrahim M, Haftef E, Do DV, Foster CS, Nguyen QD. The effect of mycophenolate mofetil and fundus autofluorescence characteristic during the clinical course of patients with punctate inner choroidopathy. ARVO 2010.
8. Chang PY, Giuliari GP, Thakuria P, Mauro J, Makhoul D, Shaikh M, Foster CS. Mycophenolate mofetil monotherapy in pediatric uveitis. ARVO 2009.
9. Giuliari GP, Chang PY, Thakuria P, Hinkle DM, Foster CS. Pars plana vitrectomy for pediatric uveitis. ARVO 2009.
10. Chang PY, Foster CS, Ahmed AR. Combination therapy of intravenous immunoglobulin and rituximab for ocular cicatricial pemphigoid. AAO Annual Meeting 2009.

## **BOOK CHAPTERS**

1. Giuliari GP, Chang PY. Pegaptanib sodium in the treatment of ocular vascular diseases: expectations and realities. In: Atta-ur-Rahman, Choudhary, eds. Frontiers in Drug Design & Discovery (Vol 5). Oak Park, IL: Bentham Science Publishers Ltd, 2010.
2. Contributor, Atlas of Ocular Inflammatory Diseases (2nd edition; editors: Foster CS, Bhat P, Yilmaz T, Cervante R, and Mauro J).

## EXTRACURRICULARS

### **Professional Affiliations**

- Mount Auburn Cambridge Independent Practice Association
- American Society of Retina Specialists
- Foster Ocular Immunology Society
- American Academy of Ophthalmology
- Association for Research in Vision and Ophthalmology
- Massachusetts Medical Society

### **Scientific Advisory Board & Speaker Bureau**

- Abbvie
- Santen

### **Teaching**

- Lecturer, Council on Optometric Practitioner Education (COPE) 2016 – Present

### **Languages**

- English
- Chinese (Mandarin)

### **Interests**

- Wine
- Piano
- Biking