

UW CURRICULUM VITAE
Matthew Zhang, MD

Date 09/01/2018

EDUCATION

07/2007-07/2012	Doctor of Medicine University of Pittsburgh School of Medicine	Pittsburgh, PA
07/2002-07/2006	Bachelor of Science in Neurobiology/Biochemistry University of Washington	Seattle, WA

POST-GRADUATE TRAINING

07/2016-07/2018	Fellowship Oculoplastic and Orbital surgery Fellowship American Society of Oculoplastic And reconstructive Surgery(ASOPRS) Two year Sponsored Fellowship Wills Eye Hospital and Lankenau Medical Center	Philadelphia, PA
07/2013-07/2016	Residency in Ophthalmology Vanderbilt Eye Institute	Nashville, TN
07/2012-07/2013	Transitional Internship University of Pittsburgh Medical Center	Pittsburgh, PA

FACULTY POSITIONS HELD

09/2018-present	Assistant Professor University of Washington	Seattle, WA
07/2016-07/2018	Clinical Instructor Jefferson University Medical Center	Philadelphia, PA

HOSPITAL POSITIONS HELD

09/2018-present	Attending Physician Harborview Medical Center	Seattle, WA
09/2018-present	Attending Physician UW Medical Center	Seattle, WA
09/2018-present	Attending Physician VA Puget Sound Healthcare System	Seattle, WA
09/2018-present	Attending Physician Seattle Children's Hospital	Seattle, WA

HONORS

2016	The Heed Ophthalmic Foundation - Heed Fellow 2015-2016
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- 2011 Young Investigator Award at American Transplant Congress (ATC)
- 2010 American Society of Transplant Surgeons (ASTS) Presidential Student Award
- 2007 Stephen L. Phillips Medical Student Research Award, University of Pittsburgh School of Medicine.
- 2007 Dean's Summer Research Scholarship, by University of Pittsburgh School of Medicine
- 2006 Mary Gates Endowment for Students Research Training Grant, University of Washington

BOARD CERTIFICATION(S)

2018 to Present American Board of Ophthalmology

CURRENT LICENSE(S) TO PRACTICE

Pennsylvania State Board of Medicine

Issue Date: 02/23/2016

Expiration Date: 12/31/2018

New Jersey State Board of Medical Examiners

Issue Date: 02/12/2016

Expiration Date: 06/30/2019

PROFESSIONAL ORGANIZATIONS: Include offices held

- 2012-Present American Academy of Ophthalmology (AAO)
- 2012-Present Association for Reserch in Vision and Ophthalmology (ARVO)
- 2016-Present American Society of Ophthalmic Plastic Reconstructive Surgery (ASOPRS)

BIBLIOGRAPHY

Manuscripts/Refereed Journal Articles:

1. **Zhang M**, Fathy C, Breazzano MP, Hollar M, Barahimi B. Intra-arterial Chemotherapy for Lacrimal Gland Adenoid Cystic Carcinoma. *Int Ophthalmol Clin* 2017 Winter;57(1):143-152.
2. **Zhang M**, Tanaka S, Mercier M, Hollar M, Ling JD, Gregory A, Barahimi B. Gender and Racial Disparities in Cases of Autoenucleation. *Semin Ophthalmol* 2016 May 4:0.
3. Ling J, Tauscher R, Mehta V, **Zhang M**, Daniels A, Kohanim S. The Role for Sentinel Lymph Node Biopsy in the Management of Conjunctival Melanoma. *Int Ophthalmol Clin*. 2017 Winter;57(1):87-101.
4. Hollar MW, **Zhang M**, Daniels A, Kohanim S. Mechanisms Underlying the Absence of Cancers of the Human Crystalline Lens. *Int Ophthalmol Clin*. 2017 Winter;57(1):49-56.

5. Hollar MW, **Zhang M**, Mawn LA. Ophthalmic Disparities in Transgender Patients. *Semin Ophthalmol*. 2016 Apr 29:1-6.
6. Gregory AC, **Zhang M**, Rapoport Y, Ling JD, Kuchtey RW. Racial Influences of Uveitic Glaucoma: Consolidation of Current Knowledge of Diagnosis and Treatment. *Semin Ophthalmol*. 2016 Apr 21:0.
7. Ling JD, Mehta V, Fathy C, Rapoport Y, **Zhang M**, Daniels A, Kohanim S. Racial Disparities in Corneal Transplantation Rates, Complications, and Outcomes. *Semin Ophthalmol*. 2016 Apr 19:0.
8. **Zhang M**, Papakostas TD, Malcolm AW, Ancell KK, Biscotti CV, Gragoudas ES, Daniels AB. Multiple simultaneous choroidal melanomas arising in the same eye: globe salvage by radiotherapy. *Acta Ophthalmol*. 2016 Apr 15.
9. Lee W, Miyagawa Y, Long C, **Zhang M**, Cooper DK, Hara H. Effect of Rho-kinase Inhibitor, Y27632, on Porcine Corneal Endothelial Cell Culture, Inflammation and Immune Regulation. *Ocul Immunol Inflamm*. 2015 Oct 16:1-15.
10. Kimura S, Ozaki KS, Ueki S, **Zhang M**, Yokota S, Stolz DB, Geller DA, Murase N. Contribution of alloantigens to hepatic ischemia/reperfusion injury: Roles of natural killer cells and innate immune recognition of nonself. *Liver Transpl*. 2016 Jan;22(1):80-90.
11. Milam R, **Zhang M**, Barahimi, B. Putting Injectable Facial Fillers to their Best Use: Filler indications range from lip and cheek augmentation to treatment of moderate to severe facial rhytid. *Review of Ophthalmology*. 12/7/2015.
12. **Zhang M**, Chelnis J, Mawn LA. Periorbital Necrotizing Fasciitis Secondary to Candida parapsilosis and Streptococcus pyogenes. *Ophthal Plast Reconstr Surg*. 2015 Apr 20
13. **Zhang M**, Ueki S, Kimura S, Yoshida O, Castellaneta A, Ozaki KS, Geller DA, Murase N. Roles of dendritic cells in murine hepatic warm and liver transplantation-induced cold ischemia/reperfusion injury. *Hepatology*. 2013 Apr; 57(4):1585-96.
14. Lee LY, Kaizu T, Toyokawa H, **Zhang M**, Ross M, Stolz DB, Huang C, Gandhi C, Geller DA, Murase N. Carbon monoxide induces hypothermia tolerance in Kupffer cells and attenuates liver ischemia/reperfusion injury in rats. *Liver Transpl*. 2011 Dec;17(12):1457-66. doi: 10.1002/lt.22415.
15. Ozaki KS, Kimura S, Nalesnik MA, Sico RM, **Zhang M**, Murase N. The loss of renal dendritic cells and activation of host adaptive immunity are long-term effects of ischemia/reperfusion injury following syngeneic kidney transplantation. *Kidney Int*. 2012 May; 81(10):1015-25.
16. Ueki S, Castellaneta A, Yoshida O, **Zhang M**, Kimura S, Isse K, Geller D, Murase, N. Hepatic B7-H1 expression is essential to control cold ischemia/reperfusion injury after mouse liver transplantation. *Hepatology* 2011 Jul; 54(1):216-28.
17. Lee LY, Kaizu T, **Zhang M**, Gandhi C, Geller DA, Murase N. Carbon monoxide induces hypothermia tolerance in Kupffer cells and attenuates liver ischemia/reperfusion injury in rats. *Liver Transpl*. 2011 Dec; 17(12):1457-66.

18. Dhupar R, Klune JR, Evankovich J, Cardinal J, **Zhang M**, Ross M, Murase N, Geller DA, Billiar TR, Tsung A. Interferon regulatory factor 1 mediates acetylation and release of high mobility group box 1 from hepatocytes during murine liver ischemia reperfusion injury. *Shock*. 2011 Mar; 35(3):293-301.
19. **Zhang M**, Weinstein J, Bishop C, Andersen H, Hanisch U, Möller T. Thrombin induced regulation of CD95(Fas) expression in the N9 microglial cell line. *Neurochem Res*. 2009 Mar; 34(3):445-52.
20. Weinstein J, Lee R, **Zhang M**, Bishop C, Andersen H, Hanisch U, Möller T. Thrombin regulates CD40 expression in microglial cells. *Neuro-report*. 2008 May 7; 19(7):757-60.

Book chapters: none

Published books, videos, software, etc.: none

Refereed Reviews, Chapters, and Editorials: none

Other publications: none

Presentations:

1. **Zhang M**, Ueki S, Kimura S, Yoshida O, Castellaneta A, Ozaki KS, Demetris AJ, Ross M, Vodovotz Y, Thomson AW, B Stolz D, Geller DA, Murase N. Roles of dendritic cells (DC) in hepatic ischemia/reperfusion (I/R) injury and liver transplantation (LTx). Presentation at the American Transplant Congress 2011
2. **Zhang M**, Ueki S, Murase N. The Role of Hepatocytes in Liver Damage during Warm Ischemia Reperfusion/Injury (I/R) through IRF-1 Mediated Signal Transduction. Presented at University of Pittsburgh Dean's Research Symposium 2009.
3. **Zhang M**, Weinstein J, Moller T. Signal transduction mechanism of thrombin mediated microglial activation. Poster presentation at University of Washington Mary Gates Undergraduate Research Symposium 2006.
4. **Zhang M**, Zhou T. The Identification of a novel cell death inducing factor from the venom of Pseudechis porphyriacus. University of Alabama at Birmingham Poster presentation at Annual Research Retreat.
5. **Zhang M**, Carrasco, J. Wills Eye Annual Orbital Dissection Course December 2016 teaching lecture, Lacrimal Anatomy.
6. **Zhang M**, Jacqueline R. Carrasco F.A.C.S. Surgical Technique of the Internal Brow Lift. Wills Eye Hospital Oculoplastics Update: Eyelid and Lacrimal Problems 11/19/2016
7. **Zhang M**, Stefanyszyn M. Complex Case Presentation: A Case of Severe Ocular and Orbital Electrical Injury. June 24 2017 ASOPRS Spring Conference.
8. **Zhang M**, Carrasco J, Stefanyszyn M. Muscle Surgery in Thyroid Eye Disease Using Adjustable Sutures. Wills Eye Conference 3/2018

Abstracts:

1. **Zhang M**, Barahimi, B. Critical Exam Findings and Culture Results that Correlate with Inpatient Hospitalization in the Setting of Acute Infectious Dacryoadenitis. 2016 ARVO Annual Meeting, Research: A Vision of Hope, May 1-5, in Seattle, Washington.
2. **Zhang M**, Donahue, S. Correlation between Optic Disc Examination, Symptoms and findings of Intracranial Pressure (ICP) Monitoring for Pediatric Patients and its Clinical Implications. 2015

ARVO Annual Meeting, Powerful Connections: Vision Research and Online Networking, May 3-7, 2015, in Denver, Colorado.

3. **Zhang M**, Behin Barahimi M.D., Jacqueline Carrasco M.D., Mary Stefanyszyn M.D. Correlation between Exam Findings, Culture Results, and Inpatient Hospitalization in the Setting of Acute Infectious Dacryoadenitis. 68th Annual Wills Conference. March 2017.
4. **Zhang M**, Jacqueline Carrasco MD, Behin Barahimi MD, and Mary Stefanyszyn MD. Correlation between exam findings, culture results, and inpatient hospitalization in the setting of Acute Infectious Dacryoadenitis. Wills Eye Conference 3/2017

Other:

Grant Support:

2007 NIH T35 training grant (DK065521)

- Presented by National Institute of Diabetes and Digestive and Kidney diseases society. Awarded to medical students doing research in nephrology, endocrinology and hepatology. Grant award 3500 dollars for one semester.