

MICHAEL S. TSIPURSKY, MD

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CERTIFICATION:

FELLOW, AMERICAN ACADEMY OF OPHTHALMOLOGY	2012
POSITION:	
VITREORETINAL SPECIALIST, EYE CENTERS OF FLORIDA.	2022-2023
CLINICAL ASSISTANT PROFESSOR DEPARTMENT OF SURGERY UIUC MEDICAL SCHOOL.	2011- CURRENT
CLINICAL ASSISTANT PROFESSOR CARLE ILLINOIS COLLEGE OF MEDICINE	2018-CURRENT
CHIEF OF RETINA DIVISION, DEPARTMENT OF OPHTHALMOLOGY	2011- 2022
CHAIR - DEPARTMENT OF OPHTHALMOLOGY, CARLE HOSPITAL	2013- 2022
DIRECTOR OF CLINICAL RESEARCH – DEPARTMENT OF OPHTHALMOLOGY, CARLE HOSPITAL	2019- 2022
ASSISTANT MEDICAL DIRECTOR SURGICAL SUBSPECIALTY SERVICES	2019-2022
CARLE HOSPITAL AND PHYSICIAN GROUP	
CEO/FOUNDER REVIVE BIOTECHNOLOGY, INC.	2018-CURRENT

EDUCATION:

Associated Retina Consultants (Dr. Gholam Peyman – director) – Phoenix, AZ 2 year fellowship in Medical and Surgical Retina (one of the highest surgical volume fellowships- Operating at Maricopa County Hospital, Banner Health, Scottsdale Healthcare and learning from 8 prolific surgeons). City wide trauma call.	2009-2011
Northwestern University (Dr. Lee Jampol – chairman) – Chicago, IL Residency in Ophthalmology	2006-2009
Banner Good Samaritan Hospital – Phoenix, AZ Transitional Internship	2005-2006
Rosalind Franklin University/The Chicago Medical School – North Chicago, IL Doctor of Medicine	2001-2005
Rosalind Franklin University/The Chicago Medical School Master of Science, Applied Physiology 2000-2001	
Kalamazoo College – Kalamazoo, MI Bachelor of Arts – Biology Major, Psychology Minor	1995-1999

HONORS/AWARDS

Journal of VitreoRetinal Diseases Distinguished Contributor Award	2021
Innovations Pathway 7T MRI Carle Foundation Hospital Award	2021
National Science Foundation SBIR Phase 1 Award	2021
Winner of Health Make-a-Thon	2021
Fellow of American Society of Retina Specialists	2021
Carle Hospital Research Award	2018
The Association for Research in Vision and Ophthalmology/ Foundation for Eye Research/Retina Research Foundation Travel Scholarship	2008

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Pathology Honors Program/The Chicago Medical School	2003
Research Fellowship Award/The Chicago Medical School	2002
Honors, Dean's List	1996-1999
Research Fellowship Award/Michigan State University	1998
Kalamazoo College Honors	
Merit Scholarship	1995-1999

CLINICAL RESEARCH EXPERIENCE

COAST - Phase 3, A wet AMD clinical trial. OPT-302.- **PI**

COOL3 - Phase 3, Study of Efficacy of a cooling device for ocular anesthesia - **PI**

KESTREL: Phase 3, Study of Efficacy of Brolocizumab vs. Aflibercept in Patients with Visual Impairment Due to Diabetic Macular Edema. - **PI**

ORBIT: Phase 4, Ocriplasmin Research to Better Inform Treatment - **PI**

OZONE: Ocriplasmin Ellipsoid Zone Retrospective Data Collection Study - **PI**

REGN2176-3-AMD (Capella)

A Phase 2, Double-Masked, Randomized, Controlled, Multiple-Dose, Regimen-Ranging Study Of The Efficacy And Safety Of Intravitreal REGN2176-3 In Patients With Neovascular Age-Related Macular Degeneration

M-01-15-004 (Paladin)

A Phase 4 Safety of IOP Signals In Patients Treated With Iluvien (Fluocinolone Acetonide Intravitreal Implant) 0.19 MG – **PI**

DRCRnet Protocol V. Treatment for Central-Involved Diabetic Macular Edema in Eyes with Very Good Visual Acuity

DRCRnet Protocol AB. Anti-VEGF vs. Prompt Vitrectomy for VH From PDR **PI**

DRCRnet Protocol AG/AH – treatment of VMT and MH with an intravitreal gas injection **PI**

Protocol FVF4168g (RIDE)

A Phase III, Double-Masked, Multicenter, Randomized, Sham-Controlled Study of the Efficacy and Safety of Ranibizumab Injection in Subjects with Clinically Significant Macular Edema with Center Involvement Secondary to Diabetes Mellitus

Protocol FVF 4579g (HARBOR)

A Phase III, Double-Masked, Multicenter, Randomized, Active Treatment-Controlled Study of the Efficacy and Safety of 0.5 mg and 2.0 mg Ranibizumab Administered Monthly or on an As-Needed Basis (PRN) in Patients with Subfoveal Neovascular Age-Related Macular Degeneration

Protocol FVF4967g (SHORE)

A Multicenter Randomized Study for Evaluating Dosing Regimens for Treatment with Intravitreal Ranibizumab Injections in Subjects with Macular Edema Following Retinal Vein Occlusion

Protocol MD7110852

A Phase 2b Dose-Ranging Study of Pazopanib Eye Drops versus Ranibizumab Intravitreal Injections for the Treatment of Neovascular Age-Related Macular Degeneration

Protocol VGFT-OD-0910

An Open-label, Long-term, Safety and Tolerability Extension Study of Intravitreal VEGF Trap-Eye in Neovascular Age-Related Macular Degeneration

Protocol VGFT-OD-1009

A Double-Masked, Randomized, Active-Controlled, Phase 3 Study of the Efficacy and Safety of Intravitreal Administration of VEGF Trap-Eye in Patients with Diabetic Macular Edema

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TRANSLATIONAL RESEARCH EXPERIENCE

Nano-Hyperbaric Oxygen Delivery System for Chronic Wounds April 2021- current

Nanotechnology for retinal oxygenation and drug delivery in conjunction with Professor Irudayaraj Lab, UIUC Aug 2017- current
Ocular biomarkers testing with a point of care device (POC) in conjunction with Professor Irudayaraj Lab, UIUC Aug 2017 – current

Research supported by Carle Clinical research grant “Evaluation of VEGF levels as a potential marker for diagnosing retinal disorder and therapy monitoring”

Dept. of Ophthalmology, VA Hospital, North Chicago, IL
Research Fellow June-August, 2002
Collected and analyzed data for the double-masked, placebo-controlled, randomized trial of lutein and antioxidant supplementation in the intervention of ARMD

The Chicago Medical School, Department of Neuroscience
Researcher June,1999 – Jan,2000
Neural Repair and Regeneration Laboratory

Michigan State University, East Lansing, MI
Department of Biochemistry
Research Fellow June-August, 1998
Genetic engineering

University of Wisconsin Medical School, Madison, WI
Research Assistant June-August, 1997
Effects of Growth Derived Neurotrophic Factor (GDNF)
on neuronal survival in enteric nervous system

BOOK CHAPTERS

Moshfeghi DM, **Tsipursky MS**, Peyman GA, Uveal Biopsy, Chapter 36, in Duane’s Ophthalmology 2013 Edition

Tsipursky MS, Peyman GA, Michelson JB, Keratocentesis and Vitreous Biopsy, Chapter 36, in Duane’s Ophthalmology 2013 Edition

Tsipursky MS, Peyman GA, Michelson JB, Uveitis Surgery, Chapter 64, in Duane’s Ophthalmology 2013 Edition

PUBLICATIONS AND PRESENTATIONS

Livnat, I, Daniels J, Labriola L, **Tsipursky MS**, Atypical Presentation of Propionibacterium Acnes Endophthalmitis Following Cataract Surgery, Jan 2020, Journal of VitreoRetinal Diseases, JOVD, <https://doi.org/10.1177/2474126419895873>

ASRS Retinal Atlas – **Tsipursky, MS**, contributor (Acute Macular Neuroretinopathy and Complications in Vitreoretinal surgery) - 2020

Tsipursky M, Siddiqui N. Burnout in Ophthalmology, Ophthalmic Surgery, Lasers and Imaging, Accepted for Publication, September 2020 Issue

Tsipursky M, Byun M, Jager R, Sheth V. Anatomical and Functional Outcomes of Relaxing Parafoveal Nasal Retinotomy for Large and/or Refractory Macular Hole Repair, ASRS 2020, Journal of VitreoRetinal Disease, JOVD, Feb 2021 <https://doi.org/10.1177%2F2474126420987145>

Becker CW.... **Tsipursky MS** et al ... Effect of Initial Management with Aflibercept vs. Laser Photocoagulation vs. Observation on Visual loss Among Patients with Diabetic Macular Edema Involving the Center of the Macula and Good Visual Acuity. A Randomized Clinical Trial. DRCR Retina Network. JAMA.2019;321(19)18801894

Tsipursky M. AudioDigest Ophthalmology Vol 57 Issue 3, New techniques for closure of persistent macular holes. 57:03(Feb7), 2019.

Itamar Livnat, Ph.D., Jay Daniels, B.S., Leanne T. Labriola, D.O., **Michael S. Tsipursky, M.D.** An Atypical Presentation of *Propionibacterium acnes* Endophthalmitis Following Cataract Surgery Atypical *P. acnes* Endophthalmitis Retinal cases and Brief Reports May, 2019

Francisco M. Guerra Jr., MD, PhD, Momin Muzaffar MD, Charles R. Davies, MD, PhD, Leanne T. Labriola, **Michael S. Tsipursky, MD**, A case of a complicated course of Susac’s syndrome, submitted to Retinal cases and Brief Reports May, 2019

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Tsipursky, MS Creation of Paracentral Retinotomy for Closure of Persistent Macula Holes, Presented at American Society of Retina Specialists, August 2017, manuscript preparation in progress. Sending to Retina

Papke D, McNussen PJ, Rasheed M, **Tsipursky MS**, Labriola, L.T. A case of unilateral optic neuropathy following influenza vaccination, *Seminars of Ophthalmology*, Vol. 32 , Iss. 4,2017

Tsipursky, MS, Heller MA, De Souza SA, Gordon AJ, Bryan JS, Ziemianski, MC, & Sell CH (2013). Comparative Evaluation of No Dye Assistance, Indocyanine Green and Triamcinolone Acetonide for Internal Limiting Membrane Peeling During Macular Hole Surgery. *Retina*, 33(6), 1123-1131.

Turaka K, Bryan JS, Gordon AJ, Kwong HM, Reddy R, **Tsipursky M**, Sell, CH Clinical and image-guided chorioretinal findings in long-chain 3-hydroxyacylcoenzyme A dehydrogenase deficiency *Journal of Pediatric Endocrinology and Metabolism*. Volume 25, Issue 5-6, Pages 565–567

Tsipursky MS, Conway M, A case of Wegeners granulosis with chorioretinal manifestations. Presented at American Society of Retina Specialists, Vancouver, Canada, January, 2010

Tsipursky MS, Churgin D, Conway M, Peyman GA, A Review of Photodynamic Therapy for Intraocular Tumor, *Journal of Analytical and Bioanalytical techniques*, 2011, S1:001

Peyman GA, **Tsipursky MS**, Nassiri N, Conway M, Oscillatory Photodynamic Therapy for Choroidal Neovascularization and Central Serous Retinopathy; a Pilot Study. *Ophthalmic Vis Res*. 2011 July; 6(3): 166–176. Presented at the Association for Research in Vision and Ophthalmology meeting, March, 2010

Peyman GA, **Tsipursky MS**, Gohel P, Conway M. Regression of Recalcitrant Peripapillary Choroidal Neovascularization after ICG assisted Oscillatory Transpupillary Thermotherapy with Intravitreal Bevacizumab and Dexamethazone *European Journal of Ophthalmology* 2011 Mar-Apr;21(2):162-7 Presented at the Macula Society Meeting, January, 2010

Tsipursky MS, Golchet PR, Jampol LM Photodynamic therapy of choroidal hemangioma in Sturge Weber Syndrome a review of literature for diffuse and circumscribed choroidal hemangiomas, *Survey of Ophthalmology* 2011 Jan-Feb;56(1):68-85.

Tsipursky MS, Jampol LM Retinal Artery Occlusion and Multiple Retinal Deposits as a Consequence of Therapeutic A-V Fistula Embolization *Retinal Cases & Brief Reports: Summer 2009 - Volume 3 - Issue 3 - pp 302-304*

Tsipursky MS, Olson EA, Bryar PJ, Myers WG The Effect of Using Transverse Ultrasound and Different Vacuum Settings on Nuclear Fragment Size Following Phacoemulsification: In Vitro Study, Presented at the annual Association for Research in Vision and Ophthalmology meeting April, 2009

Punjabi OS, Chung HS, Cervantes P, **Tsipursky M**, Gill M Melanocytoma of the optic nerve with open angle glaucoma: clinical features and imaging using spectral domain Optical Coherence Tomography Poster, presented at the Association for Research in Vision and Ophthalmology meeting April, 2009

Tsipursky MS, Nielsen JS, Lyon A, Gill M. Fundus Autofluorescence after Internal Limiting Membrane Peeling for Macular Holes Poster, presented at the annual Association for Research in Vision and Ophthalmology meeting April, 2008

Golchet P, **Tsipursky M**, Gill M. The Efficacy of Intravitreal bevacizumab (Avastin) in Cases of Non-age Related Macular Degeneration Retinovascular Disorders. Presented at the *American Society of Retina Specialists*, Indian Wells, CA January, 2008

Dwarakanathan S, Ahuja RM, McGarry M, **Tsipursky M**, Dinh T, Dray TB The Effect of Perinatal Steroids on the Severity of Retinopathy of Prematurity *Invest Ophthalmol Vis Sci* 2005;46

Richer S, **Tsipursky MS**, Perdue, AB The Effect of Lutein or Lutein/Antioxidant Consumption on Refractive Error. *Optometry & Vision Science*: December 2002, 79:12, 181

Richer S, **Tsipursky M**, Pulido J Macula Pigment Optical Density Enhancement with Lutein Supplementation Independent of AREDS AMD Disease Stage *Invest Ophthalmol Vis Sci* 2003;44 Poster, presented at Association for Research in Vision and Ophthalmology meeting April, 2003

Richer S, Stiles W, Statkute L, Pulido J, Frankowski J, Rudy D, Pei K, **Tsipursky M**, Nyland J. Double-masked, placebo-controlled, randomized trial of lutein and antioxidant supplementation in the intervention of atrophic age-related macular degeneration: the Veterans LAST study (Lutein Antioxidant Supplementation Trial) *Optometry*. 2004 Apr;75(4):216-30.

ACADEMIC ENDEAVORS

Research Advisory Board of Carle-UIUC medical school

Appointments, Promotions and Tenure Committee Carle Illinois College of Medicine

MICHAEL S. TSIPURSKY

Peer reviewer for Survey of Ophthalmology

Peer reviewer for British Journal of Ophthalmology

Peer reviewer for Journal - Retina

Organizing educational lectures and M&M/Quality Review conferences at Carle Hospital

Teaching residents and medical students in clinic and surgery

PROFESSIONAL

MEMBERSHIPS

American Academy of Ophthalmology

Association for Research in Vision and Ophthalmology

American Society of Retina Specialists

Vitreous Buckle Society

LANGUAGES

English

Russian

Spanish