

Rafael L. Ufret-Vincenty, MD
Professor of Ophthalmology
University of Texas Southwestern Medical Center
5323 Harry Hines Boulevard
Dallas, TX 75390-9057

EDUCATION:

June 2006 **Vitreo-Retinal Fellowship** – Cole Eye Institute, The Cleveland Clinic
June 2004 **Residency in Ophthalmology**– Massachusetts Eye and Ear Infirmary, Harvard Medical School Ophthalmology Residency Program.
June 2000 **M.D.** - Summa Cum Laude - UPR School of Medicine

HONORS AND COMMITTEES:

2024 Professor, Department of Ophthalmology
2024 American Ophthalmological Society thesis approval and membership
2023 Compensation Advisory Team – UTSW Department of Ophthalmology
2022 Macula Society membership
2016-2024 Listed in Texas Super Doctors, Texas Monthly magazine
2019-2025 NIH NEI PED1 Study Section Member (2019-2025)
2019 UTSW Faculty Development Collaborative
2018-2022 Full member of the Institutional Review Board at UT Southwestern Med Center
2014-2016 David M. Crowley Foundation Award to Support AMD Research
2010-2011 Representative for Ophthalmology to the Quality Council at UT Southwestern
2009-2012 Disease Oriented Clinical Scholars program.
1999-2001 Alpha Omega Alpha Student Director at the National Board of Directors
2000 Faculty Award to the Most Distinguished Medical Student
University of Puerto Rico School of Medicine
2000 Dr. Ramon Ruiz Arnau Award for Clinical Research
University of Puerto Rico School of Medicine
1995-2000 **Honor roll** - UPR School of Medicine
1994-96 Dean's list
1994 **Aguedo Mojica Medal for leadership and academic excellence**
University of Puerto Rico at Humacao.
1991-92, 1992-93 **Most outstanding science student** - UPR at Humacao
1993-94
1991-1994 Who's Who, Dean's List

BOARD CERTIFICATION:

American Board of Ophthalmology - 6/3/2007, Recertified 2016

RESEARCH EXPERIENCE:

2006- Present Generating mouse models of AMD to study retinal disease and recovery from injury. Forward genetics search for genes essential to retinal development and homeostasis.
2005-2006 Development of an animal model of AMD in collaboration with Dr. Victor Perez at the Cole Eye Institute of the Cleveland Clinic.
2003-2004 Research on potential retinal glues at the Massachusetts Eye and Ear Infirmary, Harvard Medical School. Mentor: Dr. Donald D'Amico.
1996-1998 **HHMI-NIH Research Scholars program.** Projects focusing in the etiology and pathophysiology of autoimmune processes, using a murine model of CNS autoimmunity in the laboratory of Dr. Stefan Broecke, Neuroimmunology Branch, NINDS, National Institutes of Health.

BIBLIOGRAPHY:

2024 **Ufret-Vincenty RL**, Kirman DG, Ulker-Yilmazer G, Aredo B, Shrestha S, Turpin E, Yuksel S,

- Ludwig S, Moresco EMY, He YG and Beutler B. Non-redundant role of leishmanolysin-like zinc-metallopeptidase in retinal homeostasis. *Am J Ophthalmol*. In Print.
- 2024 Zegeye Y, Aredo B, Yuksel S, Kirman DC, Kumar A, Chen B, Turpin E, Shresta S, He YG, Gautron L, Tang M, Li X, DiCesare SM, Hulleman JD, Xing C, Ludwig S, Moresco EMY, Beutler BA, **Ufret-Vincenty RL**. E3 ubiquitin ligase Herc3 deficiency leads to accumulation of subretinal microglia and retinal neurodegeneration. *Sci Rep*. 2024 14(1):3010 PMID:38321224.
- 2024 Johnson BP, He YG, Robertson ZM, Wang A, **Ufret-Vincenty RL**. Impact of COVID-19 related lifestyle changes on diabetic macular edema. *Int J Ophthalmol*. 2024 Jan 18;17(1):97-106. doi: 10.18240/ijo.2024.01.13. PMID: 38239945; PMCID: PMC10754660.
- 2024 Duran M, Shieh D, Choi P, He YG, **Ufret-Vincenty RL**. Atypical Central Serous Choroidopathy Masquerading as Vogt-Koyanagi-Harada Disease: A Case Report. *Case Rep Ophthalmol*. 2024 May 24;15(1):448-457. doi: 10.1159/000538736. PMID: 39015236
- 2023 Aredo B, Kumar A, Chen B, Xing C, **Ufret-Vincenty RL**. Single Cell RNA Sequencing Analysis of Mouse Retina Identifies a Subpopulation of Muller Glia Involved in Retinal Recovery From Injury in the FCD-LIRD Model. *Invest Ophthalmol Vis Sci*. 2023 Aug 1;64(11):2. doi: 10.1167/iovs.64.11.2. PMID: 37526616; PMCID: PMC10399600.
- 2023 Yuksel S, Aredo B, Zegeye Y, Zhao CX, Tang M, Li X, Hulleman JD, Gautron L, Ludwig S, Moresco EMY, Butovich IA, Beutler BA, **Ufret-Vincenty RL**. Forward genetic screening using fundus spot scale identifies an essential role for Lipe in murine retinal homeostasis. *Commun Biol*. 2023 May 17;6(1):533. doi: 10.1038/s42003-023-04870-7. PMID: 37198396.
- 2023 Heydinger S, Ufret-Vincenty R, Robertson ZM, He YG, Wang AL. Comparison of Surgical Outcomes for Uncomplicated Primary Retinal Detachment Repair. *Clin Ophthalmol*. 2023; 17:907-915. doi: 10.2147/OPTH.S405913. PMID: 36960322.
- 2022 Parikh P, Mohamed M, Bat T, Nero A, Wang A, Yates SG and **Ufret-Vincenty RL**. Parafoveal Acute Middle Maculopathy (PAMM) in Sickle Cell Disease after Discontinuation of Hydroxyurea. *Am J Ophthalmol Case Rep*. 2022, 11;28:101753. PMID: 36439654
- 2022 Peng H, Ramadurgum P, Woodard DR, Daniel S, Nakahara E, Renwick M, Aredo B, Datta S, Chen B, **Ufret-Vincenty R**, Hulleman JD. Utility of the DHFR-based destabilizing domain across mouse models of retinal degeneration and aging. *iScience*. 2022 Apr 6;25(5):104206.
- 2021 Patel P, Jones K, Friedman DI, Birch DG, **Ufret-Vincenty RL**. Unexpected Etiology in a Case of Bilateral Maculopathy. *Case Rep Ophthalmol* 2021;12:622–628.
- 2021 Patel PN, Jones KD, Birch DB, **Ufret-Vincenty RL**. Asymmetric maculopathy with mutations in adenosine triphosphate-binding cassette, sub-family A, member 4 and jagged canonical notch ligand 1 after 30 years of monocular aphakia. *Indian J Ophthalmol Case Rep* 2021;1:699-701.
- 2020 Chen B, Aredo B, Ding Yi, Zhong X, Zhu Y, Zhao CX, Kumar A, Xing C, Gautron L, Lyon S, Russell J, Li X, Tang M, Anderton P, Ludwig S, Moresco EMY, Beutler B, **Ufret-Vincenty RL**. Forward genetic analysis using OCT screening identifies Sfxn3 mutations leading to progressive outer retinal degeneration in mice. **Proc Natl Acad Sci U S A**. 2020;117(23): 12931-12942.
- 2020 Chau VQ, Hu J, Gong X, et al. Delivery of Antisense Oligonucleotides to the Cornea. *Nucleic Acid Ther*. 2020;30(4):207-214.
- 2019 Zhu Y, Aredo B, Chen B, Zhao CX, He YG, **Ufret-Vincenty RL**. Mice With a Combined Deficiency of Superoxide Dismutase 1 (Sod1), DJ-1 (Park7), and Parkin (Prkn) Develop Spontaneous Retinal Degeneration With Aging. *Invest Ophthalmol Vis Sci*. 2019;60(12):3740-3751.
- 2019 Reddy V, Winslow R, Cao JH, Robertson ZM, Chen B, **Ufret-Vincenty RL**. Vitreoretinal lymphoma, secondary to non-CNS systemic lymphoma, masquerading as an infectious retinitis. *Am J Ophthalmol Case Rep*. 2019 Aug 15;16:100545.
- 2019 Chen B, Aredo B, Zhu Y, Ding Y, Xin-Zhao C, **Ufret-Vincenty RL**. A Mouse Model of Retinal Recovery From Photo-Oxidative/Photo-Inflammatory Injury: Nrf2, SOD1, DJ-1, and Parkin Are

- Not Essential to Recovery. *Invest Ophthalmol Vis Sci.* 2019;60(4):1165-1174.
- 2017 Ding Y, Aredo B, Zhong X, Zhao CX, **Ufret-Vincenty RL**. Increased susceptibility to fundus camera-delivered light-induced retinal degeneration in mice deficient in oxidative stress response proteins. *Exp Eye Res.* 2017 Mar 20;159:58-68.
- 2016 Zhong X, Aredo B, Ding Y, Zhang K, Zhao CX, **Ufret-Vincenty RL**. Fundus Camera-Delivered Light-Induced Retinal Degeneration in Mice With the RPE65Leu450Met Variant is Associated With Oxidative Stress and Apoptosis. *Invest Ophthalmol Vis Sci.* 2016;57:5558-5567.
- 2015 Li T, Aredo B, Zhang K, Pulido JS, Wang S, He Y, Huang X, Brekken RA, and **Ufret-Vincenty RL**. Phosphatidylserine (PS) is exposed in choroidal neovascular endothelium; PS-targeting antibodies inhibit choroidal angiogenesis in vivo and ex vivo. *Invest Ophthalmol Vis Sci.* 2015 Nov;56(12):7137-45
- 2015 Aredo B, Li T, Chen X, Zhang K, Xin-Zhao Wang C, Gou D, Zhao B, He Y and **Ufret-Vincenty RL**. A chimeric Cfh transgene leads to increased retinal oxidative stress, inflammation and accumulation of activated subretinal microglia in mice. *Invest Ophthalmol Vis Sci.* 2015 Jun;56(6):3427-40
- 2015 Aredo B, Zhang K, Chen X, Wang C, Li T, **Ufret-Vincenty RL**. Differences in the distribution, phenotype and gene expression of subretinal microglia/macrophages in C57BL/6N (Crb1 rd8/rd8) versus C57BL/6/J (Crb1 wt/wt) mice. *J Neuroinflammation.* 2015 Jan 15;12(1):6.
- 2014 van der Veen S, Johnson S, Jongerius I, Malik T, Genovese A, Santini L, Staunton D, **Ufret-Vincenty RL**, Pickering M, Lea SM, Tang CM. Non-Functional Variant 3 Factor H Binding Proteins as Meningococcal Vaccine Candidates. *Infect Immun.* 2014 Mar;82(3):1157-63.
- 2013 Gustafsson MC, Lannergård J, Nilsson OR, Kristensen BM, Olsen JE, Harris CL, **Ufret-Vincenty RL**, Stålhammar-Carlemalm M, Lindahl G. Factor H binds to the hypervariable region of many *Streptococcus pyogenes* M proteins but does not promote phagocytosis resistance or acute virulence. *PLoS Pathog.* 2013;9(4):e1003323.
- 2012 Xin-Zhao Wang C, Zhang K, Aredo B, Lu H, **Ufret-Vincenty RL**. Novel method for the rapid isolation of RPE cells specifically for RNA extraction and analysis. *Exp Eye Res.* 2012;102:1-9.
- 2012 Cunnusamy K, **Ufret-Vincenty R**, Wang S. Next-generation therapeutic solutions for age-related macular degeneration. *Pharm Pat Anal.* 2012 May;1(2):193-206.
- 2012 Johnson S, Tan L, van der Veen S, Caesar J, Goicoechea De Jorge E, Harding RJ, Bai X, Exley RM, Ward PN, Ruivo N, Trivedi K, Cumber E, Jones R, Newham L, Staunton D, **Ufret-Vincenty R**, Borrow R, Pickering MC, Lea SM, Tang CM. Design and evaluation of meningococcal vaccines through structure-based modification of host and pathogen molecules. *PLoS Pathog.* 2012;8(10):e1002981.
- 2011 Zhou Q, Gallagher R, **Ufret-Vincenty R**, Li X, Olson EN, Wang S. Regulation of angiogenesis and choroidal neovascularization by members of microRNA-23~27~24 clusters. *Proc Natl Acad Sci U S A.* 2011 May 17;108(20):8287-92.
- 2010 **Ufret-Vincenty RL**, Aredo B, Liu X, McMahon A, Chen PW, Sun H, Niederkorn JY and Kedzierski W. Transgenic mice expressing variants of complement factor H develop AMD-like retinal findings. *Invest Ophthalmol Vis Sci.* 2010 Nov;51(11):5878-87.
- 2008 Hollyfield JG, Bonilha VL, Rayborn ME, Yang X, Shadrach KG, Lu L, **Ufret RL**, Salomon RG, Perez VL. Oxidative damage-induced inflammation initiates age-related macular degeneration. *Nat Med.* 2008;14(2):194-8.
- 2008 Kovoov TA, Bahl D, Singh AD, **Ufret-Vincenty RL**. Bilateral Isolated Choroidal Melanocytosis. *Br J Ophthalmol.* 2008; 92(7):892.
- 2007 **Ufret-Vincenty RL**, Singh RP, Lowder CY, Kaiser PK. Cytomegalovirus Retinitis After Fluocinolone Acetonide Implant. *Am J Ophthalmol.* 143(2):334-5.
- 2004 **Ufret-Vincenty RL**, Miller JW, Gragoudas ES. Photosensitizers in photodynamic

- therapy of choroidal neovascularization. *Int Ophthalmol Clin.* 44(3):63-80.
- 2002 **Ufret-Vincenty RL**, Chen RJ, and Azar DT. Corneal Flap Displacement and Drift in LASIK: Comparison of Hansatome and Automated Corneal Shaper Microkeratomes. *Am J Ophthalmol* 134(5):701-6.
- 1998 **Ufret-Vincenty RL**, Quigley L, Tresser N, Pak SH, Gado A, Hausmann S, Wucherpfennig KW, and Brocke S. 1998. In vivo survival of viral antigen-specific T cells that induce experimental autoimmune encephalomyelitis. *J. Exp.Med.* 188:1725-1738.
- 1993 Alegria AE, Rivera S, Hernandez M, **Ufret R** and Morales M. Membrane-buffer partition coefficients of semiquinones using the spin-broadening technique. *J. Chem. Soc. Faraday. Trans.*, 89:3675-3679.

Book chapters:

- 2010 **Ufret-Vincenty RL**. Immunobiology of Age-related Macular Degeneration. In: Hodges R, Dartt D, and Dana R, eds. *Encyclopedia of the Eye*. Elsevier, 2010. 2:279-284.
- 2006 **Ufret-Vincenty RL**, Lerner LE and Kaiser PK. Non-Neovascular Age-Related Macular Degeneration. In: Huang D, Kaiser PK, Lowder CY and Traboulsi EI, eds. *Retinal Imaging*. Philadelphia, PA: Mosby, 2006: 145-151.

PATENTS:

[Digital light processing hyperspectral imaging apparatus](#)

K Zuzak, JA Cadeddu, R Ufret-vincenty, RP Francis... - US Patent 8,406,859, 2013

FUNDING:

2021-2026 **NEI 1R01EY033181**: Exploring Mechanisms in Retinal Development/Homeostasis, Retinal Immune Surveillance and Diabetic Retinopathy Using Forward Genetics – Ufret-Vincenty (PI)

2024-2026 **NEI R21EY036238**: Using Forward Genetics to Explore the Genetics and Mechanisms of Early Onset Glaucoma – Ufret-Vincenty (PI)

09/01/2020-08/31/2021 Pilot Synergy Grant Ufret-Vincenty (PI) UT
Southwestern Medical Center
Title: Genetics of Diabetic Retinopathy.
Co PI: Bruce Beutler

10/01/2020-09/30/2021 VanSickle Grant Ufret-Vincenty (PI)
VanSickle Family Foundation

Title: Discovering novel genes regulating retinal function and retinal degeneration.

2012- 2017 – 1R01EY022652-01: Role of complement factor H and immunity in AMD: a novel transgenic model.

9/2009-9/2012 Disease Oriented Clinical Scholars program. Title: Deciphering the role of complement and the immune system in Age-related Macular Degeneration using a novel transgenic mouse model.

2014-2016 David M. Crowley Foundation

2013-2015 Patricia and Col. William Massad Retina Research Fund

2009-2010 Charles Y.C. Pak Retina Research Fund

NATIONAL RESEARCH MEETINGS: PARTICIPATION AND POSTER PRESENTATIONS

Macula Society Annual Meeting – Feb 2024 – Talk: “Discovering novel gene associations to retinal development and homeostasis”

Macula Society Annual Meeting – Feb 2023 – Talk: “Impact of COVID-19-Related Lifestyle Changes on Diabetic Macular Edema”

Session Moderator - ARVO 2013 Annual Meeting - Moderator for Session 107
Retina/RPE/AMD/Tumor Immunobiology

2022 Bogale Aredo, Bo Chen, Yi Ding, Cynthia X. Zhao, Ashwani Kumar, Chao Xing and **Rafael L. Ufret-Vincenty**. Differential response of Muller cells to retinal injury in the fundus camera-delivered light induced retinal degeneration (FCD-LIRD) model. ARVO Poster

2022 Yeshumenesh Zegeye, Seher Yuksel, Bogale Aredo, Cynthia X. Zhao, Sara Ludwig, Bruce A. Beutler, and **Rafael L. Ufret-Vincenty**. Novel association to retinal homeostasis identified for a gene involved in ubiquitination and proteasomal degradation. ARVO Poster

2022 Seher Yuksel, Bogale Aredo, Yeshumenesh Zegeye, Cynthia X. Zhao, Sara Ludwig, Laurent Gautron, Igor A. Butovich, Bruce A. Beutler, and Rafael Ufret-Vincenty. Deletion of a cholesteryl ester hydrolase leads to a progressive retinal degeneration in mice. ARVO Poster

2021 Bogale Aredo, Bo Chen, Yi Ding, Cynthia X. Zhao, Ashwani Kumar, Chao Xing, and **Rafael L. Ufret-Vincenty**. Analysis of cell type-specific responses to retinal injury in the fundus camera delivered-light induced retinal degeneration (FCD-LIRD) model.

2016 Ding, Y., Zhong, X., Aredo, B., Wang, C. X. Z., Beutler, B., **Ufret-Vincenty, RL**. A forward genetics approach to discovering novel genes essential to retinal development and function. ARVO 2016. Poster# 2636 - B0367

2016 Aredo, B., Zhong, X., Ding, Y., Zhang, K., Wang, C. X. Z., **Ufret-Vincenty, RL**. *Development of a new model of retinal light injury in pigmented mice*. ARVO 2016. Poster# 5790 - A0241

2016 Wang, C. X. Z., Aredo, B., Zhong, X., **Ufret-Vincenty, RL**. (2016). Towards an understanding of the molecular basis for subretinal macrophage/microglial infiltration. ARVO 2016. Poster#6575 - D0346

2015 Aredo B, Li T, Zhang K, Pulido JS, Wang S, Thorpe P, Brekken R and **Ufret-Vincenty RL**. *Phosphatidylserine (PS) is exposed in choroidal neovascular endothelium, and PS-targeting antibodies inhibit choroidal angiogenesis in vivo and ex vivo*. ARVO 2015. Poster# 2273 – B0178

2015 Wang CX, Aredo B, Li T and **Ufret-Vincenty RL**. *Differential gene expression in mouse eyes with high vs. low subretinal macrophage/microglial infiltration*. ARVO 2015. Poster # 423 – A0136

2014 Wang CX, Aredo B, Li T and **Ufret-Vincenty RL**. *Increased expression of inflammatory markers in the RPE of CfhTg mice and in RD8+/+ mice*. ARVO 2014. Poster# 3280 - B0220

2014 Li T, Aredo B, Chen X, Zhang K, **Ufret-Vincenty RL**. *Change in the Distribution and Phenotype of Subretinal Microglia in C57BL/6J and RD8 Mutant Mice with Aging*. ARVO 2014. Poster# 81 - A0136

2014 Aredo B, Li T, Chen X, Zhang K, Zhao B, He Y and **Ufret-Vincenty RL**. *Effect of the 402H Cfh Variant on the Response to Chronic and Acute Retinal Oxidative Stress, and on the Accumulation and Phenotype of Subretinal Microglia*. ARVO 2014. Poster# 613 - B0140

2013 Chen X, Aredo B and **Ufret-Vincenty RL**. *Effect of Cfh on the response to acute subretinal oxidative stress*. ARVO 2013. Poster# 1771 - A0117

2013 Aredo B, Chen X, Zhang K and **Ufret-Vincenty RL**. *Change in the distribution and phenotype of subretinal macrophages with aging*. ARVO 2013. Poster# 162 - C0167

2013 Wang C, Aredo B, Chen X and **Ufret-Vincenty RL**. *Differential gene expression of RPE and choroid in old Cfh transgenic mice*. ARVO 2013. Poster# 6192 - C0077

2012 **Ufret-Vincenty RL**, Aredo B, Zhang K, Wang C, Wang S, Pulido S, Solberg T and Thorpe PE. *Phosphatidylserine-Targeting Antibodies As A Potential New Therapy Against Choroidal Neovascularization*. ARVO 2012. Poster #443- D1120.

2012 Xin-Zhao Wang C, Zhang K, Aredo B, Lu H and **Ufret-Vincenty RL**. *Differential gene expression of RPE cells in Cfh transgenic mice: analysis using a novel RPE isolation technique*. ARVO 2012. Poster# 6503 - A429.

2012 Aredo B, Zhang K, and **Ufret-Vincenty RL**. *Change in the distribution and phenotype of subretinal macrophages with aging in C57BL/6 mice*. ARVO 2012. Poster# 1659 - D890.

2011 Aredo B, Lu H, Zhang K, Wang C and **Ufret-Vincenty RL**. *Effect of hydroquinone and increased light exposure on the CfhTg model of early AMD*. ARVO 2011. Poster # 965 - A15.

2011 Zhang K, Aredo B, Wang C, Lu H, Wang S and **Ufret-Vincenty RL**. *Complement Factor H In Choroidal Neovascularization And Acute Injury*. ARVO 2011. Poster# 977 - A169

2010 Aredo B, McMahon A, Chen P, Niederkorn JY, Hong L, Salomon RG, Kedzierski W and **Ufret-Vincenty RL**. *AMD-like changes in Cfh transgenic mice: can antigen-specific immunity enhance the phenotype?* ARVO 2010. Poster# 6131 - D643

REVIEWER

NEI PED1 Study section member – 2019-2025

NEI Study Section participant - Special Emphasis Panel/Scientific Review Group - DPVS 10/2016

NEI Study Section participant – Special Emphasis Panel/Scientific Review Group - DPVS 06/2015

VA Medical Center Grant - May 2014 Council

Journals:

PLOS One
 Eye
 Molecular Vision
 Experimental Eye Research

VISITING PROFESSORS – UFRET-VINCENY LAB:

2017-2019 Dr. Bo Chen - Department of Ophthalmology, Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, Hubei Province, China.

2017-2018 Dr. Yuanfei Zhu – Department of Ophthalmology, Shenzhen Eye Hospital, Shenzhen Key Laboratory of Ophthalmology, Shenzhen University School of Medicine, Shenzhen, Guangdong, China.

2016-2017 Dr. Yi Ding - Department of Ophthalmology, The Central Hospital of Wuhan, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, Hubei, 430014, P.R. China

2015-2016 Dr. Xin Zhong - Department of Ophthalmology, The First Affiliated Hospital of Guangxi Medical University, Nanning, Guangxi, 530021, P.R. China

2013-2014 Dr. Tao Li - Department of Ophthalmology, Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, P.R. China, 430030

2012-2013 Dr. Xiao Chen - Department of Ophthalmology, Wuhan General Hospital of Guangzhou Military Command, Wuhan, 430070, P.R. China

2011-2012 Dr. Kaiyan Zhang - Department of Ophthalmology, Hainan Provincial People’s Hospital, Haikou, Hainan 570311, P. R. China

GRADUATE STUDENT THESIS DEFENSE COMMITTEE

Naveenbalaji Balasubramanian – UTA Masters Program

MENTORED STUDENTS

Summer 2009 – Khrishen Cunnusamy – Graduate Student

Summer 2012 – Darlene Gou – Medical Student

Summer 2013 – Samuel Parnell – Medical Student

Summer 2013 – Adebimpe Oyowu – Medical Student

Summer 2014 – Pouriska Kivanany – Graduate Student

Summer 2023 – Bryce Johnson – Medical Student

SELECTED LECTURES

Feb 2023 **Macula Society Annual Meeting** – Feb 2023 – Talk: “Impact of COVID-19 Related Lifestyle Changes on Diabetic Macular Edema”

Dec 2022 Ophthalmology at the Crossroads Lecture: “**Exploiting Forward Genetics to**

Learn about Retinal Development and Homeostasis”

- June 2019 MMCFW Physician Outreach. Talk to Trinity Terrace Continual Care Center in Ft. Worth. Title: “Retina”
- May 2019 Texas Ophthalmological Association (TOA) & the Texas Medical Association (TMA) TexMed Conference 2019, Dallas TX. Title: “What’s New in Retina”
- July 2017 Invited speaker at the Wuhan General Hospital Huanghe Ophthalmology Conference 2017, Wuhan, China. Title of talk: “Oxidative Stress: Experimental Approaches to Understanding the Response of the Retina to Stress”
- Nov 2012 Texas Chapter of the American College of Physicians
Title: “A Window to the Body: Ocular Manifestations of Systemic Diseases”
- Nov 2011 Ophthalmology Review for the Primary Care Physician
Title: “Looking into the Eyes of Patients with Rheumatologic Disorders”
- Nov 2010 Ophthalmology Review for the Primary Care Physician
Title: “Posterior segment manifestations of ocular trauma”
- Nov 2009 Ophthalmology Review for the Primary Care Physician
Title: “Update in Diabetic Retinopathy and Age-related Macular Degeneration”
- Feb 2009 Texas Academy of Physician Assistants Conference
Title: “A Window to the Body: Systemic Diseases Found in the Eye”
- 2010 American Foundation for the Blind
Title: “Age-related macular degeneration”
- Feb 2007 UTSW Rheumatology Division
Title: “Ocular Manifestations of Rheumatic Diseases”