

**CURRICULUM VITAE**

1. **Date:** January 2023

**I. PERSONAL**

2. **Name:** Timothy Garrett Murray, M.D., M.B.A., F.A.C.S.

3. **Home Phone/Cell Phone** (305) 669-5361/(786) 368-9638

4. **Office Phone:** (786) 567-4403

5. **Home Address:** 1221 S Alhambra Circle  
Coral Gables, Florida 33146

6. **Current Practice:** Founding Director/CEO  
Murray Ocular Oncology and Retina  
6705 Red Road, Suite 412  
Miami, FL 33143  
tmurray@murraymd.com

7. **Current Academic Rank:** Professor Emeritus, Tenured

8. **Primary/Joint Appointment:** Ophthalmology, Radiation Oncology, Medical  
Oncology, Pediatric Retina, Pediatric Oncology  
Baptist Health Systems  
Miami Children's Hospital  
Larkin Community Hospital  
Jackson Memorial Health Systems

9. **Citizenship:** U.S.A.

10. **Family:** Nicole Lynn Murray (Spouse)  
Julianna Elise Murray (Daughter, 18 yo)  
Alessandra Nicole Murray (Daughter, 17 yo)

**II. HIGHER EDUCATION**

11. **Institutional:**

Johns Hopkins University	B.A. 1981
Johns Hopkins School of Medicine	M.D. 1985
University of Miami	M.B.A. 2005

**12. Non-Institutional:**

2012-present Founding Director/CEO, Ocular Oncology and Retina  
2012-present Professor Emeritus, Tenured Ophthalmology and Radiation Oncology  
2002-2012 Professor, Tenured, Ophthalmology and Radiation Oncology  
University of Miami; Miami, Florida  
1997-2002 Associate Professor, Tenured, Ophthalmology and Radiation Oncology  
University of Miami; Miami, Florida  
1991-1997 Assistant Professor, Ophthalmology and Radiation Oncology  
University of Miami; Miami, Florida  
1990-1991 Fellowship, Ophthalmology, Vitreoretinal Surgery  
Medical College of Wisconsin; Milwaukee, Wisconsin

**12. Non-Institutional (continued):**

1989-1990 Fellowship, Ophthalmology, Post Doctoral Retinal Research  
Medical College of Wisconsin; Milwaukee, Wisconsin  
1988-1989 Chief Residency, Ophthalmology  
University of California, San Francisco; San Francisco, California  
1986-1989 Residency, Ophthalmology  
University of California, San Francisco; San Francisco, California  
1985-1986 Internship  
Union Memorial Hospital; Baltimore, Maryland

**13. Certification, licensure:**

1987 State of California  
1988 State of Wisconsin  
1991 American Board of Ophthalmology  
1991 State of Florida  
1998 American College of Surgeons

**III. EXPERIENCE**

**14. Academic:**

2014-present Clinical Professor, Department of Surgery, Division of Ophthalmology  
Nova Southeastern University; Fort Lauderdale-Davie, Florida  
2002-2012 Tenured, Professor, Ophthalmology and Radiation Oncology  
University of Miami; Miami, Florida  
1997-2002 Associate Professor, Ophthalmology and Radiation Oncology  
University of Miami; Miami, Florida  
1991-1997 Assistant Professor, Ophthalmology and Radiation Oncology  
University of Miami; Miami, Florida  
1989-1991 Clinical Consultant; Veterans Administration Hospital; Milwaukee,

Wisconsin

**15. Hospital Appointments:**

Miami Childrens Hospital, 2012-present  
Baptish Health System, 2012-present  
Larkin Hospital, 2012-present  
Anne Bates Leach Eye Hospital, Medical Director, Photography/Imaging, 2009-2010  
Anne Bates Leach Eye Hospital, Medical Director Retinal Oncology, 2009-2012  
Anne Bates Leach Eye Hospital, Medical Director Echography, 2009-2012  
Anne Bates Leach Eye Hospital, Attending Physician, 1991-2012  
Jackson Memorial Hospital, Attending Physician, 1991-present  
University of Miami Hospitals & Clinics, Attending Physician, 1991-2012

**16. Non-Academic:** None

**17. Military:** None

**IV. PUBLICATIONS**

**18a. Books**

1. **Murray TG** (Editor): Retinoblastoma: Clinical Advances and Emerging Technologies. Hong Kong: Future Medicine, 2013: 1-158.
2. Houston SK, **Murray TG**. Laboratory discoveries in retinoblastoma. In: **Murray TG** (Ed): Retinoblastoma: Clinical Advances and Emerging Technologies. Hong Kong: Future Medicine, 2013: 6-16.
3. Houston SK, **Murray TG**. Retinoblastoma treatment. In: **Murray TG** (Ed): Retinoblastoma: Clinical Advances and Emerging Technologies. Hong Kong: Future Medicine, 2013: 90-8.
4. **Murray TG** and Boldt HC (Editors): Ocular Melanoma: Advances in Diagnostic and Therapeutic Strategies. Hong Kong: Future Medicine, 2013: 1- 243.
5. **Murray TG**, Ehli F, Wildner A, Gold AS. Diagnostic imaging in ocular melanoma. In: **Murray TG** and Boldt HC (Eds): Ocular Melanoma: Advances in Diagnostic and Therapeutic Strategies. Hong Kong: Future Medicine, 2013
6. **Murray TG**, Boldt HC, Houston SK. Brachytherapy for ocular melanoma. In: **Murray TG** and Boldt HC (Eds): Ocular Melanoma: Advances in Diagnostic and Therapeutic Strategies. Hong Kong: Future Medicine, 2013
7. **Murray TG**, Houston SK. Surgical management of radiation-related complications. In:

**Murray TG** and Boldt HC (Eds): Ocular Melanoma: Advances in Diagnostic and Therapeutic Strategies. Hong Kong: Future Medicine, 2013

8. Gold AS, Latiff A, **Murray TG**. Visual rehabilitation for ocular melanoma. In: **Murray TG** and Boldt HC (Eds): Ocular Melanoma: Advances in Diagnostic and Therapeutic Strategies. Hong Kong: Future Medicine, 2013
9. **Murray TG**, Baranick K, and D'Amico D (Editors): ARDS: 40 Years – An Oral History of the Aspen Retinal Detachment Society. Aspen: Aspen Publishing, 2012: 1-128.

**18b. Monographs and Book Chapters:**

1. **Murray TG**, Houston SK: Future Trends: *Retinoblastoma*: Jaypee Brothers Medical Publishers.
2. Wykoff CC, **Murray TG**: Management of Intraocular Tumors. *Current affiliations for Clinical Atlas of Procedures in Ophthalmic Surgery* (2<sup>nd</sup> Edition): Oxford University
3. Houston SK, Markoe AM, Boldt HC, **Murray TG**,: Brachytherapy for Choroidal Melanomas. *Retina* (5<sup>th</sup> Edition): Elsevier. 2012
4. **Murray TG**: Choroidal Melanoma, Choroidal Nevus, Choroidal Osteoma, Hemangiomas of the Posterior Segment, Juvenile Xanthogranuloma, Von-Hippel Lindau: *SD-OCT Book*: Elsevier.
5. Scheffler AC, **Murray TG**: *Retinoblastoma 2011 Update*: BMJ Publishing.
6. Scheffler AC, **Murray TG**: Cataract and Vitrectomy Surgery in Patients with a History of Uveal Melanoma: *Cataract Surgery / Book 1*: InTech Publishing.
7. Scheffler AC, Olsen KR, Johnson RN, Hui JI, **Murray TG**: Brachytherapy for Posterior Uveal Malignant Melanoma. In Albert DM, Jakobiec FA: *Principles and Practice of Ophthalmology* (3rd Edition): Elsevier, 2007.
8. Berrocal AM, Mavrofrides EC, **Murray TG**: Retinoblastoma, In *Retinal Imaging*, Philadelphia: Mosby Elsevier, 2006: 471-479.
9. Amirikia A, **Murray TG**: Choroidal Melanoma. In Singh K, Smiddy WE, Lee AG, eds.: *Ophthalmology Review; a Case-Study Approach*. New York, Thieme, 2002:199-203.
10. Tabandeh H, **Murray TG**: Leukemia and Lymphoma. In Parrish RK II: *The University of Miami Bascom Palmer Eye Institute Atlas of Ophthalmology*. Current Medicine,

- Philadelphia, 2000:409-416.
11. Chaudhry NA, **Murray TG**: Metastatic Ocular Tumors. In Parrish RK II: *The University of Miami, Bascom Palmer Eye Institute Atlas of Ophthalmology*. Current Medicine, Philadelphia, 2000:402-408.
  12. Scott IG, Warman R, **Murray TG**: Retinoblastoma. In Parrish RK II: *The University of Miami, Bascom Palmer Eye Institute Atlas of Ophthalmology*. Current Medicine, Philadelphia, 2000:393-402.
  13. Aaberg TM Jr, Boldt HC, **Murray TG**: Uveal Malignant Melanoma. In Parrish RK II: *The University of Miami Bascom Palmer Eye Institute Atlas of Ophthalmology*. Current Medicine, Philadelphia, 2000:381-392.
  14. Olsen, KR, **Murray TG**, Johnson RN: Enucleation and Plaque Treatment. In Albert DM, Jakobiec FA: *Principles and Practice of Ophthalmology* (2<sup>nd</sup> edition). WB Saunders Company, 2000:358(6)5028, 5046.
  15. Scott IU, Moy CS, **Murray TG**, O'Brien JM: Issues in the diagnosis and management of small choroidal melanocytic lesions. In O'Brien JM eds.: *Ocular Oncology*. WB Saunders Company, 1999: 12(2)149-157.
  16. Harbour JW, **Murray TG**: Management of intraocular tumors. In Albert D, Ed.: *Ophthalmic Surgery: Principles and Techniques*, 1997.
  17. **Murray TG**, O'Brien JM, Cicciarelli N, Smith BJ, Hernandez E, Windle JJ, Ksander B, Markoe AM: Ocular ferromagnetic hyperthermia, external beam radiotherapy, and focal chemotherapy in the treatment of murine retinoblastoma. In Franconi C, Arcangeli G, Cavaliere R, eds: *Hyperthermic Oncology, Volume II*. Rome, Editorgrafica, 1996;811-813.
  18. **Murray TG**, Ksander BR. Immunology of Ocular Tumors. In: Pepose JS, Holland GN, Wilhelmus KR, eds.: *Ocular Infection and Immunology*. Mosby Publishers, 1994:157-182.
  19. **Murray TG**, Mieler WF, Lewandowski MF. Posterior Uveal Melanomas. In: Margo CE, Mames RN, Hamed LM, eds.: *Diagnostic Problems in Clinical Ophthalmology*. WB Saunders Company, 1994:382-393.
  20. Davis T, Ruiz P, Viciano A, Thompson WS, **Murray TG**. Flow Cytometry of Diagnostic Vitrectomy Specimens. In: Nussenblatt RB, Whitcup SM, Caspi RR, Gery I, eds.: *Advances in Ocular Immunology*. Amsterdam: Elsevier, 1994:315-318.
  21. Boldt HC, Abrams GW, **Murray TG**, Han DP, Mieler WF. The lowest effective dose of tissue plasminogen activator for fibrinolysis of postvitrectomy fibrin. In: Stirpe M, ed.: *Advances in Vitreoretinal Surgery*. New York: Ophthalmic Communications Society,

1992:353-361.

22. **Murray TG**, Mieler WF, Steeves RA. Ocular ferromagnetic hyperthermia. In: Bornfeld N, Gragoudas ES, Hopping W, Lommatzsch PK, Wessing A, Zografos L, eds.: *Proceedings of the Second International Tumor Symposium*. Essen, West Germany: Kugler Publications, 1991:473-478.

#### 19a. Juried or refereed journal articles and exhibitions

1. Murray JE, Gold AS, Latiff A, **Murray TG**. Brolucizumab: Evaluation of Compassionate Use of a Complex Anti-VEGF Therapy. *Clin Ophthalmol*. 2021 Dec 18;15:4731-4738.
2. Villegas VM, **Murray TG**. Alphabet Soup: Clinical Pearls for the Retina Specialist-Ocular Toxicity of Advanced Antineoplastic Agents in Systemic Cancer Care. *Ophthalmol Retina*. 2021 Dec;5(12):1181-1186.
3. Crespo MA, Villegas VM, Echevarria ME, Gurrea CM, **Murray TG**, Chevere CM. Adolescent Plaque Brachytherapy for Large Choroidal Metastasis from Lung Carcinoid Tumor. *Case Rep Oncol*. 2021 Oct 19;14(3):1483-1489.
4. Saigal K, El Hamichi S, Gold AS, **Murray TG**. Case Report: Two Genetically Distinct Choroidal Melanomas in the Same Eye Treated with Endolaser Therapy. *Optom Vis Sci*. 2021 Sep 1;98(9):1011-1015.
5. Rodriguez SH, Blair MP, Shapiro MJ, Berrocal AM, Ells AL, Hubbard GB 3rd, Martinez-Castellanos MA, **Murray TG**, Wu WC. Neurodevelopmental outcomes following bevacizumab treatment for retinopathy of prematurity: a systematic review and meta-analysis. *J Perinatol*. 2021 Sep;41(9):2377-2378.
6. Rossin EJ, Tsui I, Wong SC, Hou KK, Prakhunhungsit S, Blair MP, Shapiro MJ, Leishman L, Nagiel A, Lifton JA, Quiram P, Ringeisen AL, Henderson RH, Arruti N, Buzzacco DM, Kusaka S, Ferrone PJ, Belin PJ, Chang E, Hubschman JP, **Murray TG**, Leung EH, Wu WC, Olsen KR, Harper CA 3rd, Rahmani S, Goldstein J, Lee T, Nudleman E, Cernichiaro-Espinosa LA, Chhablani J, Berrocal AM, Yonekawa Y. Traumatic Retinal Detachment in Patients with Self-Injurious Behavior: An International Multicenter Study. *Ophthalmol Retina*. 2021 Aug;5(8):805-814.
7. Witkin AJ, Hahn P, **Murray TG**, Arevalo JF, Blinder KJ, Choudhry N, Emerson GG, Goldberg RA, Kim SJ, Pearlman J, Schneider EW, Tabandeh H, Wong RW. Brolucizumab-associated intraocular inflammation in eyes without retinal vasculitis. *J Vitreoretin Dis*. 2021 Jul;5(4):326-332.
8. Monés J, Srivastava SK, Jaffe GJ, Tadayoni R, Albini TA, Kaiser PK, Holz FG, Korobelnik JF, Kim IK, Prunte C, **Murray TG**, Heier JS. Risk of Inflammation, Retinal Vasculitis, and Retinal Occlusion-Related Events with Brolucizumab: Post Hoc Review of HAWK and HARRIER. *Ophthalmology*. 2021 Jul;128(7):1050-1059.

9. **Murray TG**, Thompson JT. Do Health Care Institutions Deliver Retina Care at a Loss? *Ophthalmol Retina*. 2021 Jun;5(6):493-495.
10. Villegas VM, González MP, Berrocal AM, **Murray TG**. Pharmacotherapy as an adjunct to vitrectomy. *Ther Adv Ophthalmol*. 2021 May 23;13:25158414211016105.
11. Reyes-Capo DP, Yannuzzi NA, Chan RVP, **Murray TG**, Berrocal AM, Sridhar J. GENDER DIFFERENCES IN SELF-REPORTED PROCEDURAL VOLUME AMONG VITREORETINAL FELLOWS. *Retina*. 2021 Apr 1;41(4):867-871.
12. El Hamichi S, Kon Graversen V, Gold AS, Berrocal AM, **Murray TG**. Case Report: Endogenous Candida Endophthalmitis in Cornelia de Lange Syndrome: Atypical Stellate Neuroretinitis. *Optom Vis Sci*. 2021 Feb 1;98(2):104-108.
13. El Hamichi S, Gold A, **Murray TG**, Graversen VK. Pandemics, climate change, and the eye. *Graefes Arch Clin Exp Ophthalmol*. 2020 Dec;258(12):2597-2601.
14. El Hamichi S, Acón D, **Murray TG**, Berrocal AM. Multimodal Imaging of Large Optic Disc Coloboma: A Report of Three Cases. *Case Rep Ophthalmol*. 2020 Nov 10;11(3):612-619.
15. Graversen VK, Hamichi SE, Gold A, **Murray TG**. History through the eyes of a pandemic. *Curr Opin Ophthalmol*. 2020 Nov;31(6):538-548
16. El Hamichi S, Acon D, Kon Graversen V, Gold AS, Berrocal AM, **Murray TG**. Persistent Retinal Detachment in Retinoblastoma: The Challenges. *J Ophthalmol*. 2020 Sep 10;2020:1486757.
17. El Hamichi S, Gold A, Heier J, Kiss S, **Murray TG**. Impact of the COVID-19 Pandemic on Essential Vitreoretinal Care with Three Epicenters in the United States. *Clin Ophthalmol*. 2020 Sep 4;14:2593-2598.
18. Patel NA, Berrocal AM, **Murray TG**, Villegas VM. Advanced Coats' disease treated with intravitreal brolocizumab combined with laser photocoagulation. *Am J Ophthalmol Case Rep*. 2020 Jul 2;19:100815.
19. Acón D, Hamichi SE, Berrocal A, **Murray TG**. Leukocoria in a 2-Year-Old Patient With Atypical Optic Nerve Fiber Layer Myelination. *J Pediatr Ophthalmol Strabismus*. 2020 Aug 19;57:e56-e58.
20. El Hamichi S, Aguilar RJ, Kon Graversen V, Gold AS, Berrocal AM, **Murray TG**. Lens-Induced Uveitis Triggered by Intravitreal Injection 40 Years after Primary Congenital Cataract Surgery with Aphakia. *Case Rep Ophthalmol*. 2020 Jul 6;11(2):293-298.
21. Witkin AJ, Hahn P, **Murray TG**, Arevalo JF, Blinder KJ, Choudhry N, Emerson GG, Goldberg RA, Kim SJ, Pearlman J, Schneider EW, Tabandeh H, Wong RW. Occlusive Retinal Vasculitis Following Intravitreal Brolocizumab. *J Vitreoretin Dis*. 2020 Jul;4(4):269-279.

22. El Hamichi S, Graversen VK, Gold AS, Latiff A, **Murray TG**. Case Report: Suprachoroidal Hemorrhage after Chiropractic Manipulation of the Neck. *Optom Vis Sci.* 2020 Jul;97(7):482-484.
  
23. Global Retinoblastoma Study Group, Fabian ID, Abdallah E, Abdullahi SU, Abdulqader RA, Adamou Boubacar S, Ademola-Popoola DS, Adio A, Afshar AR, Aggarwal P, Aghaji AE, Ahmad A, Akib MNR, Al Harby L, Al Ani MH, Alakbarova A, Portabella SA, Al-Badri SAF, Alcasabas APA, Al-Dahmash SA, Alejos A, Alemany-Rubio E, Alfa Bio AI, Alfonso Carreras Y, Al-Haddad C, Al-Hussaini HHY, Ali AM, Alia DB, Al-Jadiry MF, Al-Jumaily U, Alkatan HM, All-Eriksson C, Al-Mafrachi AARM, Almeida AA, Alsawidi KM, Al-Shaheen AASM, Al-Shammary EH, Amiruddin PO, Antonino R, Astbury NJ, Atalay HT, Atchaneeyasakul LO, Atsiaya R, Attaseth T, Aung TH, Ayala S, Baizakova B, Balaguer J, Balayeva R, Balwierz W, Barranco H, Bascaran C, Beck Popovic M, Benavides R, Benmiloud S, Bennani Guebessi N, Berete RC, Berry JL, Bhaduri A, Bhat S, Biddulph SJ, Biewald EM, Bobrova N, Boehme M, Boldt HC, Bonanomi MTBC, Bornfeld N, Bouda GC, Bouguila H, Boumedane A, Brennan RC, Brichard BG, Buaboonnam J, Calderón-Sotelo P, Calle Jara DA, Camuglia JE, Cano MR, Capra M, Cassoux N, Castela G, Castillo L, Català-Mora J, Chantada GL, Chaudhry S, Chaugule SS, Chauhan A, Chawla B, Chernodrinska VS, Chiwanga FS, Chuluunbat T, Cieslik K, Cockcroft RL, Comsa C, Correa ZM, Correa Llano MG, Corson TW, Cowan-Lyn KE, Csóka M, Cui X, Da Gama IV, Dangboon W, Das A, Das S, Davanzo JM, Davidson A, De Potter P, Delgado KQ, Demirci H, Desjardins L, Diaz Coronado RY, Dimaras H, Dodgshun AJ, Donaldson C, Donato Macedo CR, Dragomir MD, Du Y, Du Bruyn M, Edison KS, Eka Sutyawan IW, El Kettani A, Elbahi AM, Elder JE, Elgalaly D, Elhaddad AM, Elhassan MMA, Elzembely MM, Essuman VA, Evina TGA, Fadoo Z, Fandiño AC, Faranoush M, Fasina O, Fernández DDPG, Fernández-Teijeiro A, Foster A, Frenkel S, Fu LD, Fuentes-Alabi SL, Gallie BL, Gandiwa M, Garcia JL, García Aldana D, Gasant PY, Geel JA, Ghassemi F, Girón AV, Gizachew Z, Goenz MA, Gold AS, Goldberg-Lavid M, Gole GA, Gomel N, Gonzalez E, Gonzalez Perez G, González-Rodríguez L, Garcia Pacheco HN, Graells J, Green L, Gregersen PA, Grigorovski NDAK, Guedenon KM, Gunasekera DS, Gündüz AK, Gupta H, Gupta S, Hadjistilianou T, Hamel P, Hamid SA, Hamzah N, Hansen ED, Harbour JW, Hartnett ME, Hasanreisoglu M, Hassan S, Hassan S, Hederova S, Hernandez J, Hernandez LMC, Hessissen L, Hordofa DF, Huang LC, Hubbard GB, Hummlen M, Husakova K, Hussein Al-Janabi AN, Ida R, Ilic VR, Jairaj V, Jeeva I, Jenkinson H, Ji X, Jo DH, Johnson KP, Johnson WJ, Jones MM, Kabesha TBA, Kabore RL, Kaliki S, Kalinaki A, Kantar M, Kao LY, Kardava T, Kebudi R, Kepak T, Keren-Froim N, Khan ZJ, Khaqan HA, Khauv P, Kheir WJ, Khetan V, Khodabande A, Khotenashvili Z, Kim JW, Kim JH, Kiratli H, Kivelä TT, Klett A, Komba Palet JEK, Krivaitiene D, Kruger M, Kulvichit K, Kuntorini MW, Kyara A, Lachmann ES, Lam CPS, Lam GC, Larson SA, Latinovic S, Laurenti KD, Le BHA, Lecuona K, Leverant AA, Li C, Limbu B, Long QB, López JP, Lukamba RM, Lumbroso L, Luna-Fineman S, Lutfi D, Lysytsia L, Magrath GN, Mahajan A, Majeed AR, Maka E, Makan M, Makimbetov EK, Manda C, Martín Begue N, Mason L, Mason JO 3rd, Matende IO, Materin M, Mattosinho CCDS, Matua M, Mayet I, Mbumba FB, McKenzie JD, Medina-Sanson A, Mehrvar

- A, Mengesha AA, Menon V, Mercado GJVD, Mets MB, Midena E, Mishra DKC, Mndeme FG, Mohamedani AA, Mohammad MT, Moll AC, Montero MM, Morales RA, Moreira C, Mruthyunjaya P, Msina MS, Msukwa G, Mudaliar SS, Muma KI, Munier FL, Murgoi G, **Murray TG**, Musa KO, Mushtaq A, Mustak H, Muyen OM, Naidu G, Nair AG, Naumenko L, Ndoye Roth PA, Nency YM, Neroev V, Ngo H, Nieves RM, Nikitovic M, Nkanga ED, Nkumbe H, Nuruddin M, Nyaywa M, Obono-Obiang G, Oguego NC, Olechowski A, Oliver SCN, Osei-Bonsu P, Ossandon D, Paez-Escamilla MA, Pagarra H, Painter SL, Paintsil V, Paiva L, Pal BP, Palanivelu MS, Papyan R, Parrozzani R, Parulekar M, Pascual Morales CR, Paton KE, Pawinska-Wasikowska K, Pe'er J, Peña A, Peric S, Pham CTM, Philbert R, Plager DA, Pochop P, Polania RA, Polyakov VG, Pompe MT, Pons JJ, Prat D, Prom V, Purwanto I, Qadir AO, Qayyum S, Qian J, Rahman A, Rahman S, Rahmat J, Rajkarnikar P, Ramanjulu R, Ramasubramanian A, Ramirez-Ortiz MA, Raobela L, Rashid R, Reddy MA, Reich E, Renner LA, Reynders D, Ribadu D, Riheia MM, Ritter-Sovinz P, Rojanaporn D, Romero L, Roy SR, Saab RH, Saakyan S, Sabhan AH, Sagoo MS, Said AMA, Saiju R, Salas B, San Román Pacheco S, Sánchez GL, Sayalith P, Scanlan TA, Scheffler AC, Schoeman J, Sedaghat A, Seregard S, Seth R, Shah AS, Shakoor SA, Sharma MK, Sherief ST, Shetye NG, Shields CL, Siddiqui SN, Sidi Cheikh S, Silva S, Singh AD, Singh N, Singh U, Singha P, Sitorus RS, Skalet AH, Soebagjo HD, Sorochynska T, Ssali G, Stacey AW, Staffieri SE, Stahl ED, Stathopoulos C, Stirn Kranjc B, Stones DK, Strahlendorf C, Suarez MEC, Sultana S, Sun X, Sundy M, Superstein R, Supriyadi E, Surukrattanaskul S, Suzuki S, Svojgr K, Sylla F, Tamamyang G, Tan D, Tandili A, Tarrillo Leiva FF, Tashvighi M, Tateshi B, Tehuteru ES, Teixeira LF, Teh KH, Theophile T, Toledano H, Trang DL, Traoré F, Trichaiyaporn S, Tuncer S, Tyau-Tyau H, Umar AB, Unal E, Uner OE, Urbak SF, Ushakova TL, Usmanov RH, Valeina S, van Hoefen Wijsard M, Varadisai A, Vasquez L, Vaughan LO, Veleva-Krasteva NV, Verma N, Victor AA, Viksnins M, Villacís Chafla EG, Vishnevskia-Dai V, Vora T, Wachtel AE, Wackernagel W, Waddell K, Wade PD, Wali AH, Wang YZ, Weiss A, Wilson MW, Wime ADC, Wiwatwongwana A, Wiwatwongwana D, Wolley Dod C, Wongwai P, Xiang D, Xiao Y, Yam JC, Yang H, Yanga JM, Yaqub MA, Yarovaya VA, Yarovoy AA, Ye H, Yousef YA, Yuliawati P, Zapata López AM, Zein E, Zhang C, Zhang Y, Zhao J, Zheng X, Zhilyaeva K, Zia N, Ziko OAO, Zondervan M, Bowman R. Global Retinoblastoma Presentation and Analysis by National Income Level. *JAMA Oncol.* 2020 May 1;6(5):685-695.
24. Rodriguez SH, Blair MP, Shapiro MJ, Berrocal AM, **Murray TG**, Martinez-Castellanos MA, Hubbard GB. Neurodevelopmental Outcomes of Preterm Infants With Retinopathy of Prematurity by Treatment. *Pediatrics.* 2020 Apr 1;145(4):e20200056A.
25. Jampol LM, Moy CS, **Murray TG**, Reynolds SM, Albert DM, Schachat AP, Diddie KR, Engstrom RE Jr, Finger PT, Hovland KR, Joffe L, Olsen KR, Wells CG; COMS Follow-up of Plaqued Eyes Working Group. The COMS Randomized Trial of Iodine 125 Brachytherapy for Choroidal Melanoma: IV. Local Treatment Failure and Enucleation in the First 5 Years after Brachytherapy. COMS Report No. 19. *Ophthalmology.* 2020 Apr;127(4S):S148-S157.

26. Berrocal AM, **Murray TG**. Progression Patterns in Retinopathy of Prematurity Subtypes: Does It Matter? *Ophthalmol Retina*. 2020 Mar;4(3):229-230.
27. Boldt HC, **Murray TG**, Binkley EM. Studies Evaluating Visual Outcomes After Brachytherapy in Uveal Melanoma-Strengths and Limitations of Current Investigations. *JAMA Ophthalmol*. 2020 Feb 1;138(2):146-147.
28. El Hamichi S, Acon D, Kon Graversen V, Gold AS, Berrocal AM, **Murray TG**. Acute Orbital Compromise after Intra-Arterial Chemotherapy in a Complex Retinoblastoma Associated with 13q Deletion Syndrome. *Pediatr Neurosurg*. 2020;55(5):295-298.
29. El Hamichi S, Gold AS, Kon Graversen V, Latiff A, **Murray TG**. Disaster Preparedness Impact In A Complex Ophthalmology Practice: A Review Of Patients Receiving Intravitreal Injections. *Clin Ophthalmol*. 2019 Oct 11;13:1999-2002.
30. Villegas VM, Schwartz SG, Berrocal AM, **Murray TG**, Flynn HW Jr. Widefield optical coherence tomography of foveal dragging in retinopathy of prematurity. *Int J Ophthalmol*. 2019 Jul 18;12(7):1219-1223.
31. **Murray TG**, Latiff A, Villegas VM, Gold AS. Aflibercept for Radiation Maculopathy Study: A Prospective, Randomized Clinical Study. *Ophthalmol Retina*. 2019 Jul;3(7):561-566.
32. Bach A, Villegas VM, Gold AS, Shi W, **Murray TG**. Axial length development in children. *Int J Ophthalmol*. 2019 May 18;12(5):815-819.
33. Jeng-Miller KW, Soomro T, Scott NL, Rao P, Marlow E, Chang EY, Ells A, Chau F, Nudleman E, Calvo CM, Patel N, Schwartz R, Cernichiaro-Espinosa LA, Montoya AG, Goldstein J, Harper CA 3rd, Baumal CR, Hartnett ME, Harbour JW, Besirli CG, Gupta MP, Chan RVP, Drenser KA, Capone A Jr, **Murray TG**, Mukai S, Trese MT, Berrocal AM, Wong SC, Yonekawa Y. Longitudinal Examination of Fellow-Eye Vascular Anomalies in Coats' Disease With Widefield Fluorescein Angiography: A Multicenter Study. *Ophthalmic Surg Lasers Imaging Retina*. 2019 Apr 1;50(4):221-227.
34. Villegas VM, Wu SC, **Murray TG**, Cavuoto KM, Capo H, McKeown CA. Prevalence of refractive errors in children with retinoblastoma. *Clin Ophthalmol*. 2019 Feb 25;13:431-435.
35. Wilczek MA, Gold AS, Ehlijs FJ, **Murray TG**. Case Report: Importance of B-scan Ultrasonography for the Detection of Choroidal Melanoma. *Optom Vis Sci*. 2018 Oct;95(10):971-974
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**20. Published Abstracts:**

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**Curriculum Vitae**

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120. Smith BJ, **Murray TG**, Ciciarelli N, O'Brien JM: Local chemotherapy using VP-16 and vincristine in murine transgenic retinoblastoma. *Invest Ophthalmol Vis Sci* 1997; 38(4) (Suppl):147.
121. Gordon KB, **Murray TG**, Ciciarelli N, Hernandez E, Smith BJ, Mueller RL, O'Brien JM: Subconjunctival chemotherapy using vincristine, etoposide or cyclophosphamide in a transgenic mouse model of retinoblastoma. *Invest Ophthalmol Vis Sci* 1997;28(4)(Suppl):147.
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- cDNA for the B7.1 costimulatory molecule. *Invest Ophthalmol Vis Sci* 1996;37(3)(Suppl):1114.
126. Chen PW, Uno T, **Murray TG**, Podack ER, Ksander BR: Gene therapy of ocular melanoma using a novel episomal vector system. *Invest Ophthalmol Vis Sci* 1996;37(3)(Suppl):1131.
127. Ciciarelli N, **Murray TG**, Smith B, Hernandez E, McCabe C, Schoenike S, Windle JJ, Ksander B, O'Brien JM: Murine transgenic retinoblastoma: tumor control as a function of total dose and cycle number for locally delivered carboplatin. *Invest Ophthalmol Vis Sci* 1996;37(3) (Suppl):1132.
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129. Chen PW, Salgaller M, Rosenberg SA, **Murray TG**, Ksander BR: Increased expression of genes encoding tumor specific antigens in ocular melanoma: Potential targets for immunotherapy. *Invest Ophthalmol Vis Sci* 1995;36(4)(Suppl):221.
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136. Cohen SM, Weishaar PD, **Murray TG**: Effect of photocoagulation on laser power transmission through human retina. *Invest Ophthalmol Vis Sci* 1995;36(4)(Suppl):833.
137. Eells JT, Lewandowski MF, **Murray TG**: Formate-induced retinal dysfunction in methanol-intoxicated rats. *Invest Ophthalmol Vis Sci* 1994;35(Suppl):1516.
138. Kim JE, Flynn HW Jr, Smiddy WE, **Murray TG**, Rubsamen PE, Davis JL, Nicholson DH: Management of retained lens fragments after phacoemulsification using pars plana vitrectomy. *Invest Ophthalmol Vis Sci* 1994;35(Suppl):1615.
139. Sharkey JA, Civantos J, Flynn HW Jr, Rubsamen PE, Nicholson DH, Smiddy WE, **Murray TG**: The prognosis of giant retinal tears associated with high axial myopia. *Invest Ophthalmol Vis Sci* 1994;35(Suppl):1615.
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143. **Murray TG**, Geer DC, O'Brien JM, Albert DM, Ksander BR: Retinoblastoma cells down-regulate expression of cell-surface class I MHC molecules. *Invest Ophthalmol Vis Sci* 1993;34(Suppl):1227.
144. **Murray TG**, O'Brien JM, Steeves RA, Albert DM: Interaction of ferromagnetic hyperthermia and external beam irradiation in the treatment of murine retinoblastoma. *Invest Ophthalmol Vis Sci* 1992;33(Suppl):877.
145. O'Brien JM, **Murray TG**, Steeves RA, Marcus DM, Brauner E, Albert DM: Application of ferromagnetic hyperthermia in the treatment of murine retinoblastoma. *Invest Ophthalmol Vis Sci* 1992;33(Suppl):877.
146. Hartz A, Han DP, Wang Q, **Murray TG**, Boldt HC, Arrindell E, Jaffe GJ, Coe E, Mieler WF, Abrams GW, Lewis H, Gottlieb M: The association of postvitrectomy fibrin formation with long-term visual outcome. *Invest Ophthalmol Vis Sci* 1992;33(Suppl):898.

**Timothy G. Murray, M.D., M.B.A.**  
**Curriculum Vitae**

147. Mieler WF, **Murray TG**, Steeves RA, Moros EG, Boldt HC: Repetitive ferromagnetic hyperthermia (FMH) achieves enhanced tumoricidal activity. *Invest Ophthalmol Vis Sci* 1992;33(Suppl):1254.
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149. Eells JT, **Murray TG**, Lewandowski MF, Stueven HA, Burke JM: Methanol poisoning: clinical evidence of direct retinal dysfunction. *Invest Ophthalmol Vis Sci* 1991;32(Suppl):689.
150. Hyndiuk RA, **Murray TG**, Palmer M, Boldt HC, Han DP, Mieler WP, Abrams GW: Perfluoro-n-octane: evaluation of anterior segment toxicity associated with intraocular use. *Invest Ophthalmol Vis Sci* 1991;32(Suppl):880.
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153. **Murray TG**, Boldt HC, Gillin MT, Mieler WF: Sulfur-35 endo-irradiation: dosimetry modeling and experimental efficacy. *Invest Ophthalmol Vis Sci* 1991;32(Suppl):979.
154. Abrams GW, **Murray TG**, Boldt HC, Han DP, Mieler WF: Tissue plasminogen activator (tPA): Determination of clinical limits of efficacy for intracameral delivery. *Invest Ophthalmol Vis Sci* 1991;32(Suppl):1226
155. Eells JT, Rajani C, **Murray TG**, Lewandowski MF, Burke JM: Methanol-induced ocular toxicity: development of a rodent model. *Invest Ophthalmol Vis Sci* 1990;31(Suppl):143.
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157. Abrams GW, **Murray TG**, McKay BS, Han DP: Transcorneal tissue plasminogen activator delivery: a functional in vivo study. *Invest Ophthalmol Vis Sci* 1990;31(Suppl):404.
158. Burke JM, **Murray TG**: Regional comparisons of cytochrome oxidase activity in retina and RPE. *Invest Ophthalmol Vis Sci* 1990;31(Suppl):492.

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160. Rajani C, **Murray TG**, Burke JM, Eells JT: Inhibition of bovine retinal cytochrome oxidase activity by formic acid. *The Pharmacologist* 1990;32:162.
161. Eells JT, **Murray TG**, Rajani C, Burke JM: Formic acid inhibits cytochrome oxidase activity in retina and in cultured retinal cells. *Soc Neurosci* 1990;16:611.
162. **Murray TG**, Stern WH, MacGowan-Smith E, Balyeat E: Transcorneal heparin delivery: physiology, pharmacokinetics and tissue binding. *Invest Ophthalmol Vis Sci* 1989;30(Suppl):258.
163. Kindy-Degnan N, **Murray TG**, Char DH, Swift P, Kurhanewicz J, Kaleta S: Assessment of intraocular tumor viability: a pre- and post-treatment comparison of fine needle biopsy and <sup>31</sup>P magnetic resonance spectroscopy. *Invest Ophthalmol Vis Sci* 1988;29(Suppl):210.
164. Swift PS, **Murray TG**, Char DH, Kindy-Degnan N, Fries P: Quantitative effect of hyperthermic treatment on the Greene melanoma. *Invest Ophthalmol Vis Sci* 1988;29(Suppl):211.
165. Swift PS, Stauffer PR, **Murray TG**, Phillips TL, Char DH: Response of choroidal melanoma in rabbits to 2450-MHz microwave hyperthermia. *Proc Int Soc Eye Res* 1988;5:167.
166. Aguayo J, **Murray TG**, Torentino P, Cousins J, Kan L-S, Stark WJ: Maintenance of human lenses in tissue culture and study by <sup>31</sup>P NMR spectroscopy. *Invest Ophthalmol Vis Sci* 1985;26(Suppl):162.

## **V. PROFESSIONAL**

### **21. Funded Research:**

Principal Investigator, Globe Conservation in Transgenic Retinoblastoma  
National Institutes of Health  
Grant #RO1 EY13629-01A2  
2004 – 2010  
Amount of Award: \$1,022,625

Principal Investigator, Collaborative Ocular Melanoma Study  
National Institutes of Health Grant  
Grant #5U10EY06275-08  
1991 - 2015

Amount of Award: \$957,690

Principal Investigator, Janet Davis, MD  
Co-Investigator, Studies of Ocular Complications of AIDS  
National Institutes of Health  
Grant #EY08057  
1992 -2002  
Amount of Award: \$547,828

Principal Investigator, Hyperthermia Treatment of Retinoblastoma  
Stanley J. Glaser Foundation  
June 1992 - May 1993  
Amount of Award: \$29,890

Principal Investigator, Combined Local Modality Therapy in the Treatment of Ocular  
Retinoblastoma  
Fight For Sight, Inc.  
July 1997 – December 1998  
Amount of Award: \$11,000.00

Principal Investigator, Combined Local Modality Therapy in the Treatment of Ocular  
Retinoblastoma  
Fight For Sight, Inc.  
September 1996 – August 1997  
Amount of Award: \$11,000.00

Principal Investigator, Combined Local Modality Therapy in the Treatment of Ocular  
Retinoblastoma  
Fight For Sight, Inc.  
July 1994 - June 1995  
Amount of Award: \$11,000.00

Principal Investigator, Combined Local Modality Therapy in the Treatment of Ocular  
Retinoblastoma  
American Cancer Society-Institutional Grant Committee  
December 1993 - November 1994  
Amount of Award: \$7,000.00

Co-Investigator, Richard-James Silicone Oil Clinical Investigation  
Richard-James, Inc.  
Principal Investigator, Perfluoron for use in Vitreoretinal Surgery  
Infinitch Corporation

**22. Editorial Responsibilities:**

Associate Editor, Lasers in Medical Science  
Manuscript Reviewer, American Journal of Ophthalmology  
Manuscript Reviewer, Archives of Ophthalmology  
Manuscript Reviewer, Current Opinion in Ophthalmology  
Manuscript Reviewer, Investigative Ophthalmology & Visual Science  
Manuscript Reviewer, Ophthalmology  
Manuscript Reviewer, Retina  
Manuscript Reviewer, Retinal Physician

**23. Professional and Honorary Organizations:**

2012 American Society of Cataract and Refractive Surgery  
2001 American College of Surgeons  
1998 Club Jules Gonin  
1997 Macula Society  
1996 Retina Society  
1994 American Association for Cancer Research  
1994 North American Hyperthermia Society  
1993 American Diabetes Association  
1992 International Society of Ocular Trauma  
1992 Florida Society of Ophthalmology  
1992 American Society of Retinal Specialists (Vitreous Society)  
1991 Miami Ophthalmologic Society  
1986 Association for Research in Vision and Ophthalmology  
1986 Cordes Eye Society  
1986 American Academy of Ophthalmology  
1982 American Medical Association

**24. Honors and Awards:**

2011 America's Top Doctors for Cancer  
2007 Senior Achievement Award, American Academy of Ophthalmology  
2005 Senior Achievement Award, American Society of Retinal Specialists  
2001 Achievement Award Recipient, American Academy of Ophthalmology  
1985 Phi Beta Kappa, Johns Hopkins School of Medicine  
1982 Nevada State AMA Award Recipient  
1981 Biology Honors Programs, Johns Hopkins University  
1981 Honors, Johns Hopkins University

**25. Post-Doctoral Fellowships:**

1990-1991 Fellowship, Ophthalmology, Vitreoretinal Surgery  
Medical College of Wisconsin; Milwaukee, Wisconsin  
1989-1990 Fellowship, Ophthalmology, Post Doctoral Retinal Research  
Medical College of Wisconsin; Milwaukee, Wisconsin  
1988-1989 Chief Residency, Ophthalmology

1986-1989 University of California, San Francisco; San Francisco, California  
Residency, Ophthalmology  
1985-1986 University of California, San Francisco; San Francisco, California  
Internship  
Union Memorial Hospital; Baltimore, Maryland

**26. Other Professional Activities:**

American Biological Society, May 1981

- Humphrey G, **Murray TG**, Pigiet V. Direct quantification of the large (100K) polyoma T-antigen on the nuclear matrix (poster presentation)

Summer Research Fellowship Program; National Institute of Health; Bethesda, MD;  
August 1982

- **Murray TG** and Joiner K. Differential complement activation and septic shock

Association of American Medical Colleges, 94th Annual Meeting, Baltimore, MD,  
November 1983

- McHugh P, Petty B, Lane M, Lattman E, Margolis S, **Murray TG**, Nathans D, Seidel H, Yardley J. Early admission to medical school: a unique approach (poster presentation)

NMR in Medicine Symposium, New York, NY, August 1984

- **Murray TG**, Aguayo J, Stark W, Torentino P, Sulewski M. Viability of the human lens by <sup>31</sup>P nuclear magnetic resonance spectroscopy (abstract presentation)

American Society of Microbiology, October 1984

- Joiner K, Schmetz M, **Murray TG**, Dourmashkin R, Frank M. Importance of C9 multiplicity in direct complement-killing of *E. Coli* J5 (EC) (abstract presentation)

North American Hyperthermia Group, 8th Annual Meeting, April 1987

- Swift PS, Stauffer PR, **Murray TG**, Phillips TL, Char DH. Response of choroidal melanoma in rabbits to 2450-MHz microwave hyperthermia (abstract presentation)

Cordes Eye Society, University of California, San Francisco, San Francisco, CA, 1987

- **Murray TG** et al. Carotid-cavernous fistula and Ehler's-Danlos syndrome: presentation and interventional radiologic management

Resident's Day; University of California, San Francisco, San Francisco, CA, May 1988

- **Murray TG** et al. Ocular hyperthermia: characterization of a 2450-MHz microwave hyperthermia unit utilizing a rabbit Greene melanoma model

**Timothy G. Murray, M.D., M.B.A.**  
**Curriculum Vitae**

Resident's Day; University of California, San Francisco, San Francisco, CA, May 1989

- **Murray TG** et al. Transcorneal heparin delivery

First Midwest Fluorescein Conference, Egg Harbor, WI, August 1989

- **Murray TG** et al. Talc retinopathy/choroidal folds

1990 Winter Retina Symposium, Kohler, WI, February 1990

- **Murray TG** et al. Idiopathic central serous choroidopathy: an update, acquired retinal disease

Resident's and Fellow's Day, Eye Institute, Medical College of Wisconsin, Milwaukee, WI, June 1990

- **Murray TG** et al. Methanol toxicity: new investigations into mechanism of neurotoxicity

Grand Rounds presentation, Eye Institute, Medical College of Wisconsin, Milwaukee, WI, July 1990

- **Murray TG** et al. Formate and methanol poisoning: in vivo and in vitro analysis of ocular toxicity

Second Midwest Fluorescein Conference, Egg Harbor, WI, August 1990

- **Murray TG** et al. Bilateral central retinal vein occlusion/choroideremia

1991 Winter Retina Symposium, Kohler, WI, February 1991

- **Murray TG** et al. Ocular sports injuries/protective eye wear
- **Murray TG** et al. Experimental alternatives in the management of uveal melanoma

Kohler Eye Meeting, Kohler, WI, June 1991

- **Murray TG** et al. Perfluorocarbon liquids: new frontiers in vitreous surgery.

Sixth International Congress on Hyperthermic Oncology; Miami, FL, April 1992

- Steeves RA, **Murray TG**, Tompkins DT, Nanda S, Paliwal BR, Mieler WF: Thermal enhancements with experimental choroidal melanoma: simultaneous versus sequential hyperthermia and brachytherapy (abstract presentation)

International Symposium on Ocular Tumors, New York, NY, April/May 1992

- Geer DC, Ksander BR, **Murray TG**, Rubsamen PE: Tumor-specific immune response to retinoblastomas

28th Annual Residents' Days, Bascom Palmer Eye Institute, University of Miami, Key Biscayne, FL, June 1992

- Weishaar PD, **Murray TG**, Flynn HW Jr: Expanding indications for

perfluorocarbon liquids in vitreoretinal surgery

Aspen Retinal Detachment Society, Aspen, CO, March 1993 (invited guest speaker)

- **Murray TG** et al. Immunologic modulation of ocular tumor growth
- **Murray TG** et al. Choroidal hemorrhage/retrobulbar needle penetration

1993 Annual American Association for Cancer Research Meeting,  
Orlando, FL, April 1993

- Ksander BR, Geer DC, **Murray TG**: Studies of tumor-infiltrating-lymphocytes from human retinoblastoma (abstract presentation)

1993 Annual American Association for Cancer Research Meeting,  
Orlando, FL, April 1993

- **Murray TG**, Steeves RA, Mieler WF. Repetitive versus single ferromagnetic hyperthermia treatments for choroidal melanomas in rabbits (abstract presentation)

Association for Research in Vision and Ophthalmology 1993 Annual Meeting,  
Sarasota, FL, May 1993

- Session Moderator – Retinoblastoma

29th Annual Residents' Days, Bascom Palmer Eye Institute, University of Miami,  
Coral Gables, FL, June 1993

- Hummer J, **Murray TG**. Retinoblastoma: Historical perspective and future trends, the Bascom Palmer experience
- Luetkemeyer J, **Murray TG**. Use of the laser aiming beam in differentiating retinoschisis from retinal detachment
- Civantos J, **Murray TG**. Management of giant retinal tears in phakic eyes

Trade Secrets, Bascom Palmer Eye Institute, University of Miami, Ocular Tumors,  
Miami, FL; June 1993

- **Murray TG** et al. Vitrectomy for Macular Disease
- **Murray TG** et al. Differential diagnosis of pigmented lesions of the retina

Asociación Oftálmologica del Norte, San Sebastian, Spain, June 1993

- **Murray TG** et al. Ocular tumors (abstract presentation)
- **Murray TG** and Nicholson DH: Treatment of the retinal detachment

Vitrectomy Workshop, Miami, FL, October 1993

- **Murray TG** et al. Prognosis and results
- **Murray TG** et al. Vitreous substitutes: gas, oil, and perfluorocarbon liquids
- **Murray TG** et al. Pars plana vitrectomy-related pathology and basics

Health Professional Course, Miami, FL, November 1993

- **Murray TG** et al. Diabetic retinopathy (invited guest speaker)

Ophthalmic Update 1994, Miami, FL, January 1994

- **Murray TG** et al. Retinoblastoma (invited guest speaker)
- **Murray TG** et al. Melanoma study: radioactive plaque insertion

1994 Medical Retina Course, Palm Beach, FL, March 1994

- **Murray TG** et al. Diagnosis and treatment of ocular tumors

Sylvester Comprehensive Cancer Center, Miami, FL, April 1994

- **Murray TG** et al. Surgical approaches to retinoblastoma (Grand Rounds presentation)

1994 Annual American Association for Cancer Research Meeting,  
San Francisco, CA, April 1994

- **Murray TG**, Geer DC, O'Brien JM, Albert DM, and Ksander BR. Retinoblastoma cells down-regulate expression of cell-surface class I MHC molecules (abstract presentation/poster session)
- **Murray TG**, Steeves RA, Gentry L, Tompkins R. Preservation of ocular function and anatomy after ferromagnetic hyperthermia (abstract presentation/poster session)

University of California, San Francisco, San Francisco, CA, April 1994

- **Murray TG** et al. Posterior segment complications of anterior segment surgery (Grand Rounds presentation)

Association for Research in Vision and Ophthalmology Annual Meeting,  
Sarasota, FL, May 1994

- Session Moderator - Intraocular tumors

Health Professional Course, Miami, FL, May 1994

- **Murray TG** et al. Diabetic retinopathy

Sixth International Symposium on the Immunology and Immunopathology of the Eye,  
Washington, DC, June 1994

- Davis T, Ruiz P, Viciano A, Thompson W, **Murray TG**. Flow cytometry of diagnostic vitrectomy specimens (abstract presentation/poster session)

30<sup>th</sup> Annual Residents' Days, Bascom Palmer Eye Institute, University of Miami  
School of Medicine, Key Biscayne, FL, June 1994

- Chang T, Gass JDM, **Murray TG**, Frazier-Byrne S, Hughes R. Echographic findings in lymphoid neoplasia of the choroid (abstract presentation)
- Sharkey JA, **Murray TG**. Etiology and treatment of secondary retinal angiomas (abstract presentation)
- Weishaar P, Cohen SM, **Murray TG**. Effect of photocoagulation on laser power transmission through human retina (abstract presentation)

Vitreous Society Annual Meeting, Aspen, CO, August 1994

- **Murray TG**, Kim JE, Flynn HW Jr, Smiddy WE, Davis JL, Nicholson DH, Rubsamen PE. Retained lens fragments after phacoemulsification (abstract presentation)
- **Murray TG**, Frazier-Byrne S, Hughes JR, Gendron EK. Intraoperative echographic localization for posterior uveal melanoma <sup>125</sup>I brachytherapy treatment (abstract presentation)
- Foster RE, Martinez J, **Murray TG**, Rubsamen PE, Flynn HW Jr, Forster RK. Good visual outcome following treatment of bacillus cereus endophthalmitis (abstract presentation)
- Flynn HW Jr, Cohen SM, **Murray TG**, Smiddy WE. Endophthalmitis after Vitrectomy Study Group: Endophthalmitis after pars plana vitrectomy (abstract presentation)

Trade Secrets: Ophthalmology for the Non-Ophthalmologist, Miami, FL, September 1994

- **Murray TG** et al. Diabetes and the eye

American Society of Ophthalmic of Registered Nurses, Miami, FL, February 1995

- **Murray TG** et al. Vitrectomy for macular diseases

Health Professional Course, Miami, FL, March 1995

- **Murray TG** et al. Diabetic retinopathy

Palm Beach Vitreoretinal Course, Manalapan, FL, March 1995

- **Murray TG** et al. Tumor management and therapy

Palm Beach Vitreoretinal Course, Manalapan, FL, March 1996

Mechanisms of Disease Course, Miami, FL, April 1996

- **Murray TG** et al. Ocular oncology.

Otolaryngology & Ophthalmology for the Generalist, Miami, FL, Jan 1997

- **Murray TG** et al. Melanoma, Advances in Clinical Management and Research

Update on Small Ocular Melanoma Trial, COMS Technical Group Meeting, Denver, CO, March 1997.

Aspen Retinal Detachment Society Meeting, Aspen, CO, March 1997

- **Murray TG** et al. Melanoma, Advances in Clinical Management and Research

- **Murray TG** et al. Retinoblastoma, Advances in Clinical Management and Research

Vitreoretinal Course, Bascom Palmer Eye Institute, University of Miami School of Medicine, Ft. Lauderdale, FL, May 1997.

- **Murray TG** et al. Current Status of Melanoma Management

33<sup>rd</sup> Annual Residents' Days Bascom Palmer Eye Institute, University of Miami School of Medicine, Coral Gables, FL, June 1997

- **Murray TG** et al. Retinoblastoma: Lessons from the Lab

ASORN Meeting, San Francisco, CA, October 1997

- **Murray TG** et al. Vitrectomy Surgery: The Basics
- **Murray TG** et al. Vitrectomy for Macular Diseases

Ophthalmic Photographers Society Meeting, San Francisco, CA, October 1997

- **Murray TG** et al. Clinical Trials and Protocols

American Academy of Ophthalmology meeting, San Francisco, CA, October 1997

- **Murray TG** et al. Combined Pars Plana Vitrectomy, Cataract Extraction & Intraocular Lens Insertion

International Eye Foundation, Ophthalmology/Oncology Seminar, Guatemala, August 1998 (invited guest speaker)

- Advances in Management of Pediatric Intraocular Malignancies
- Posterior Segment Complications of Anterior Segment Surgery
- Pediatric Orbital Malignancies
- Clinical Case Series: Pediatric Retina
- Advances and Controversies in Management of Posterior Uveal Melanoma
- Clinical Case Series: Retinoblastoma
- Acute Lymphocytic Leukemia: Advances in Management

XXI<sup>st</sup> Meeting of the Club Jules Gonin, Edinburgh, Scotland, Aug 28-Sept 1, 1998

- Chaudhry NA, **Murray TG**: Simultaneous cataract extraction and pars plana vitrectomy for proliferative diabetic retinopathy (abstract/poster presentation)

Cincinnati Ophthalmological Society meeting, Cincinnati, OH, Sept 8, 1999 (invited guest)

- Retinoblastoma
- Posterior segment complications of anterior segment

Vitreous Society, Rome, Italy, Sept 21-26, 1999

American Academy of Ophthalmology Meeting, Orlando, FL, Oct 21-26, 1999

- ASORN Retinal Course

XII Inter-American Course, Miami, FL, Oct 31, 1999 (invited guest)

- **Murray TG** et al. Anterior segment surgery II: choroidal hemorrhage, endophthalmitis

Texas Retina Society, Austin, TX, Nov 11, 1999 (invited guest)

- **Murray TG** et al. Melanoma

American Board of Ophthalmology, Nov 12-14, 1999 (preceptor)

Retina Society, Hawaii, Nov 27-Dec 4, 1999

Miami Beach Kiwani's Club, Miami Beach, FL, Jan 20, 2000 (invited guest)

- Retinoblastoma

Trade Secrets, Bascom Palmer Eye Institute, Miami, FL, Jan 29, 2000

- **Murray TG** et al. Current concepts in posterior uveal melanoma

Macula Society, Puerto Rico, Feb 23-26, 2000

Collaborative Ocular Melanoma Study meeting, Texas, Mar 24-25, 2000

Association for Research in Vision and Ophthalmology (ARVO), Ft. Lauderdale, FL, Apr 30-May 5, 2000

- **Murray TG** et al. An in vivo comparison of systemic versus focal chemotherapy in the management of RB

36<sup>th</sup> Annual Residents' Days, Bascom Palmer Eye Institute, Miami, FL, June 17, 2000

- **Murray TG** et al. Research and clinical advances in management of retinoblastoma

ACOSOG meeting, Chicago, IL, June 23-24, 2000

- 6/23/00 Eye Organ Site Committee meeting
- 6/24/00 Melanoma Organ Site Committee meeting

Vitreous Society, July 3-7, 2000

AMDRT DSMC Meeting, Philadelphia, PA, August 3, 2000

Club Jules Gonin Society meeting, Taormina, Italy, September 2-6, 2000

- **Murray TG** et al. Acute complications of globe conserving therapy in advanced retinoblastoma

Alcon Retinal Advisory Council 2000 meeting, Las Colinas, TX, October 18-19, 2000

American Academy of Ophthalmology Subspecialty Day [Retina], Dallas, TX,  
October 20, 2000

American Academy of Ophthalmology annual meeting, Dallas, TX, October 2000

- **Murray TG** et al. Retcam
- **Murray TG** et al. Clinical trials for OPS
- **Murray TG** et al. Widefield imaging of pediatric retinal diseases: a photographer's approach

CURSO Annual meeting, Miami, FL, November 11, 2000

- **Murray TG** et al. Current indications and techniques of subretinal surgery
- **Murray TG** et al. Advances in intraocular tumor management

Retina Society meeting, Miami, FL, December 2000

- **Murray TG** et al. Globe conserving iodine 125 episcleral plaque radiotherapy of large, diffuse choroidal melanoma

American Academy of Optometry meeting, Orlando, FL, December 7, 2000

- **Murray TG** et al. Advances and controversies in the treatment of choroidal neovascular membranes
- **Murray TG** et al. Advances and controversies in retinal and vitreoretinal disease

Vitreous Society meeting, Cancun, Mexico, January 9-11, 2001

- **Murray TG** et al. Pars plana lensectomy and intraocular lens implantation in pediatric radiation-induced cataracts in retinoblastoma
- Moderator – Ocular Oncology and Uveitis

Retina 2001 meeting, Kauai, HI, January 21-26, 2001

- **Murray TG** et al. Widefield imaging of retinopathy of prematurity/retinoblastoma
- **Murray TG** et al. Retinal emergencies
- **Murray TG** et al. Current approach to retinoblastoma
- **Murray TG** et al. Current approach to malignant melanoma
- **Murray TG** et al. Management of nuclear fragments and dislocated intraocular lenses

Koplowitz Memorial Lecture, Wilmer Eye Institute, Philadelphia, PA, February 9, 2001  
(invited lecturer)

- Advances and controversies in the management of retinoblastoma

Aspen Retinal Detachment Society Meeting, Aspen, CO, March 5-9, 2001

- **Murray TG** et al. Advances in the diagnosis & therapy of uveal melanoma

Collaborative Ocular Melanoma Study Technical meeting, Denver, CO,

March 22-26, 2001

- COMS-QOLS Advisory Committee meeting, March 25, 2001

Vitreous Society Board of Directors meeting, Las Colinas, TX, March 31, 2001

2001 Vitreoretinal Update, Bascom Palmer Eye Institute, Miami, FL, April 27-28, 2001

- **Murray TG** et al. Combined vitrectomy and cataract surgery
- **Murray TG** et al. Retcam images in pediatric retinal diseases
- **Murray TG** et al. Plaque therapy for choroidal melanoma

Association for Research in Vision and Ophthalmology (ARVO), Ft. Lauderdale, FL, May 1-2, 2001

- **Murray TG** et al. External beam radiation “salvage” therapy in the treatment of murine transgenic retinoblastoma (poster presentation)
- **Murray TG** et al. Carboplatin coulomb controlled iontophoresis (CCI): evaluation of ERG & histopathology (poster presentation)
- Pharmacokinetics of subconjunctivally administered cyclosporine A: local delivery prior to chemotherapy for retinoblastoma (poster presentation)
- Translational research in ocular oncology: from bench to bedside (paper presentation)
- Intraoperative use of perfluoro-n-octane in the repair of complex RD: a prospective, multicenter, observational study (poster presentation)
- Differential induction of apoptosis in the treatment of murine transgenic RB (paper presentation)
- Factors associated with visual loss on long-term follow-up in patients with ICSC (poster presentation)
- Evaluation of the feasibility of macular translocation surgery by laser-induced scleral shortening (poster presentation)

Memorial Sloan Kettering Grand Rounds, New York, NY, 5/17/01 (Guest speaker)

- Advances & controversies in the management of pediatric retinoblastoma

Xth International Congress of Ocular Oncology, Amsterdam, The Netherlands, 6/17-21/01

- **Murray TG** et al. External beam radiation “salvage” therapy in the treatment of murine transgenic retinoblastoma: induction of apoptosis

37<sup>th</sup> Annual Residents’ Days, Bascom Palmer Eye Institute, Miami, FL, 6/22-23/01

- **Murray TG** et al. Prognostic value of staging for uveal melanoma
- **Murray TG** et al. New macular retinoblastoma tumors in patients with previously diagnosed bilateral retinoblastoma

Invited speaker, Michigan Ophthalmological Society, 33<sup>rd</sup> Annual Conference, Traverse City, MI, 8/2-5/01

- Advances in choroidal melanoma management
- Posterior segment complications of anterior segment surgery
- Retinoblastoma: clinical case series

American Board of Ophthalmology, Cambridge, MA, 10-26-28/01

American Academy of Ophthalmology, Retina subspecialty meeting, New Orleans, LA, 11/9-10/01

- **Murray TG** et al. Retinoblastoma 2001

American Academy of Ophthalmology, New Orleans, LA, 11/11-14/01

- New data from the COMS
- Uveal melanoma
- Metastatic tumors
- Advances in fundus imaging
- Radiation therapy
- Survival outcomes
- Quality of life determination
- COMS
- Retinoblastoma 2001: present and future
- Pediatric wide-field imaging

XXIII Curso Interamericana, Miami, FL, 11/17-20/01

- **Murray TG** et al. Tumor Update

Vitreous Society, Puerto Rico, 11/28-12/2/01

- **Murray TG** et al. Globe conserving therapy in retinoblastoma
- Discussant on panel: The good, the bad and the ugly in vitreous surgery

Bascom Palmer Eye Institute 40<sup>th</sup> Anniversary Scientific Meeting, Miami, FL, 2/21-23/02

- Moderator: Intraocular Tumors section
- Retinopathy of Prematurity/Pediatric Retinal Disease Panel

International Symposium on Ocular Pharmacology & Pharmaceutics, Seville, Spain, 2/28-3/3/02 (invited guest)

- Pharmacokinetics of systemic versus focal carboplatin chemotherapy in the treatment of retinoblastoma

Aspen Retinal Detachment Society meeting, Aspen, CO, 3/5-7/02

COMS Technical Group meeting, Baltimore, MD, 3/17-19/02

BCSC Section 4 meeting, Phoenix, AZ, 4/6-7/02

Vitreous Society Board Meeting, Dallas, TX, 4/13/02

International Congress of Ophthalmology meeting, Sydney, Australia, 4/21-26/02

- **Murray TG** et al. Chemotherapy for retinoblastoma, its present role, including the roles of cyclosporin A and periocular chemotherapy
- **Murray TG** et al. New insights with OCT

Association for Research in Vision and Ophthalmology (ARVO), Ft. Lauderdale, FL, 5/5-10/02

- **Murray TG** et al. Microarray analysis of differential gene expression in autologous primary and metastatic uveal melanoma
- **Murray TG** et al. Combretastatin A4 prodrug: subconjunctival delivery of an angiogenesis inhibitor in the treatment of a murine model of retinoblastoma
- **Murray TG** et al. Advances in ocular oncology and application of translational research (poster presentation)
- **Murray TG** et al. Retinal detachment in eyes undergoing pars plana vitrectomy for removal of retained lens fragments (poster presentation)
- **Murray TG** et al. Cellular viability in choroidal melanoma following brachytherapy with subsequent enucleation (poster presentation)
- **Murray TG** et al. Globe conserving therapy in retinoblastoma: comparison of time course of tumor reduction for primary chemoreduction versus external beam radiotherapy (poster presentation)
- **Murray TG** et al. Time course dependent apoptosis following subconjunctival carboplatin therapy in the treatment of murine transgenic retinoblastoma (poster presentation)
- **Murray TG** et al. Magnetically integrated microporous implant: safety and efficacy of secondary stainless steel posting following enucleation surgery (poster presentation)
  
- **Murray TG** et al. Outcomes of surgery for retinal detachment associated with proliferative vitreoretinopathy using perfluoro-n-octane: a multicenter study (poster presentation)

Macula Society Meeting, Barcelona, Spain, 6/12-15/02

- **Murray TG** et al. Globe Conserving (Salvage) Therapy in the Management of Macular Transgenic Retinoblastoma: The Role of Apoptotic Activation (poster presentation)

38<sup>th</sup> Annual Residents' Days, Bascom Palmer Eye Institute, Miami, FL, 6/21/02

Alcon Retinal Advisory Committee (RAC) II Meeting, Palm Beach, FL, 8/16-18/02

Club Jules Gonin Society meeting, Montreux, Switzerland, 8/31-9/4/02

- **Murray TG** et al. Prospective observational study of small/suspicious choroidal melanoma (poster presentation)

Combined Vitreous Society & Retina Society meeting, San Francisco, CA, 9/29-10/3/02

- **Murray TG** et al. Single Use (Disposable) Advanced Vitreoretinal Microsurgical Instruments
- **Murray TG** et al. Prospective observational study of small/suspicious choroidal melanoma
- Moderator for Ocular Oncology/Lasik/Systemic Therapy Session

American Academy of Ophthalmology, Orlando, FL, Subspecialty Day 10/18/02

- **Murray TG** et al. Retinoblastoma: What's new for 2002

American Academy of Ophthalmology, Orlando, FL, 10/20-23/02

- Breakfast with the Experts – Uveal Melanoma and Retinoblastoma Update
- Instruction Course – Retinoblastoma 2002: Present and Future
- **Murray TG** et al. Outcomes of Surgery for Retinal Detachment Associated with Proliferative Vitreoretinopathy Using Perfluoro-N-Octane (poster presentation)
- **Murray TG** et al. Outcomes and Complications Associated with Giant Retinal Tear Management using Perfluoro-N-Octane (poster presentation)
- Salvage External Beam Radiotherapy of Retinal Hemangiomas Secondary to Von Hippel-Lindau Disease (poster presentation)

American Board of Ophthalmology exams, San Francisco, CA, 11/8-10/02

- Examiner

Macular Society meeting, Naples, FL, 2/25-3/1/03

- **Murray TG** et al. Globe conserving (salvage) therapy in the management of macular transgenic retinoblastoma: the role of apoptotic activation

Aspen Retinal Detachment Society meeting, Aspen, CO, 3/2-6/03

Pittsburgh Ophthalmology Society meeting, invited speaker, Pittsburgh, PA, 3/21-22/03

- **Murray TG** et al. Ocular oncology update: focus on COMS outcomes and new treatments in primary retinoblastoma
- **Murray TG** et al. Posterior segment complications associated with anterior segment surgery
- **Murray TG** et al. Advances in surgical management of diabetic retinopathy

Bascom Palmer Eye Institute Aspen meeting, Aspen, CO, 4/3-5/03

- **Murray TG** et al. Advances in diagnosis and management of ocular melanoma
- **Murray TG** et al. Advances in widefield digital pediatric imaging

- **Murray TG** et al. Advances in diagnosis and management of pediatric retinoblastoma

Lecture to Ophthalmic Technicians, Bascom Palmer Eye Institute, Miami, FL, 4/12/03

- Ocular oncology

Bascom Palmer Eye Institute Vitreoretinal meeting, Miami, FL, 5/2/03

- Imaging studies/case presentations
- COMS update

Association for Research in Vision and Ophthalmology (ARVO), Ft. Lauderdale, FL, 5/4-9/03

- **Murray TG** et al. Continuous vs. non-continuous laser photocoagulation for the treatment of threshold ROP
- Co-moderator: Anatomy and Pathology session
- **Murray TG** et al. Anecortave Acetate, an Angiostatic Steroid, in the Treatment of a Murine Model of Retinoblastoma
- **Murray TG** et al. FNAB in the evaluation of atypical uveal effusion syndrome: histopathological review (poster presentation)
  
- **Murray TG** et al. Immediate postoperative use of single topical agent to prevent IOP elevation after PPV with long acting gas tamponade (poster presentation)
- **Murray TG** et al. CME in eyes undergoing PPV for retained lens fragments (poster presentation)
- **Murray TG** et al. Correlation between Optos ultra widefield digital imaging, standardized fundus photography, and b-scan echography in the detection of posterior segment tumors (poster presentation)

RB & Genetic Eye Disease meeting, Paris, France, 5/19-22/03

- Combretastatin A4 prodrug, an angiogenesis inhibitor in the treatment of the murine model of RB (poster presentation)

Bascom Palmer Eye Institute's Annual Residents' Days, Miami, FL, 6/20-22/03

Vth G.I.V.R.E. meeting, Reggio Calabria, Italy, 6/27-28/03

- **Murray TG** et al. Combined pars plana vitrectomy & lens management in complex vitreoretinal disease

American Society of Retina Specialists meeting, New York, NY, 8/16-20/03

COMS QOLS Advisory Committee meeting, Denver, CO, 9/4-6/03

3rd Southwest Vitreoretinal Symposium with Fellow's Forum, San Antonio, TX, 10/17-19/03

**Timothy G. Murray, M.D., M.B.A.**  
**Curriculum Vitae**

- **Murray TG** et al. Wide-Field Viewing in Pediatric Retinal Diseases
- **Murray TG** et al. Diagnostic and Therapeutic Dilemmas in Pediatric Retinal Detachment
- **Murray TG** et al. Globe Conserving Therapy in the Management of Retinoblastoma
- **Murray TG** et al. Application of Clinical Trial Data in the Management of Uveal Melanoma

COG Retinoblastoma Symposium, Dallas, TX, 11/7/03

Bascom Palmer Eye Institute, McKnight Research Retreat, Miami, FL, 1/10/04

Association for Research in Vision and Ophthalmology (ARVO), Program Committee meeting, Baltimore, MD, 1/23-24/04

BPEI Angiogenesis 2004 meeting, Miami, FL, 2/6-7/2004

- **Murray TG** et al. Antiangiogenic therapy for ocular tumors

27th Macula Society Meeting, Las Vegas, NV, 2/25 - 2/28/04

- **Murray TG** et al. Novel anti-angiogenic treatment of murine transgenic retinoblastoma

Aspen Retinal Detachment Society Meeting, Aspen, CO, 2/29-3/4/04

- **Murray TG** et al. Current Directions in Ocular Oncology
- **Murray TG** et al. My approach to vitrectomy combined with scleral buckle

Grand Rounds, University of California, San Francisco, 3/25-26/04

- **Murray TG** et al. Anti-angiogenesis in primary RB: a novel therapeutic approach
- **Murray TG** et al. Posterior segment complications of anterior segment surgery

14th Duke Advanced Vitreous Surgery Course, Durham, NC, 4/22-24/04

- **Murray TG** et al. Widefield Imaging in Pediatric Retinal Disease
- **Murray TG** et al. Advanced Concepts in the Management of Pediatric RB
- **Murray TG** et al. Advanced Concepts in the Management of Complex Uveal Melanoma
- **Murray TG** et al. Complex Surgical Approaches to Advanced Vitreomacular Pathology

Association for Research in Vision and Ophthalmology (ARVO), Ft. Lauderdale, FL, 4/25-30/04

- Moderator: Imaging: Anatomy & Pathology Session

- **Murray TG** et al. Combined anti-angiogenic and periocular chemotherapy utilizing anecortave acetate & carboplatin in the treatment of retinal tumors in the LH betaTag murine transgenic model of RB

Alcon Advisory Board Meeting, Carlsbad, CA, 8/13-15/04

American Society of Retina Specialists, San Diego, CA, 8/16-20/04

- **Murray TG** et al. Vascular targeting (anecortave acetate) & carboplatin chemotherapy enhance tumor control in murine RB (poster presentation)
- Moderator: Symposium 7: Ocular Oncology/Infectious Diseases/Endophthalmitis

American Academy of Ophthalmology, New Orleans, LA, 10/22-27/04

- Retina 2004, Discussion Group Leader
- **Murray TG** et al. Phakomatoses
- **Murray TG** et al. Pharmacotherapies for Ocular Tumors
- Moderator, Autofluorescence in small uveal melanocytic lesions
- Moderator, Macular RB managed with chemoreduction: analysis of tumor control with or without adjuvant thermotherapy in 68 tumors

XXVI Inter-American Course, Miami, FL, 10/31-11/3/04

- Widefield Imaging

Association for Research in Vision and Ophthalmology (ARVO) PC meeting, Bethesda, MD, 1/21-22/05

Association of Pediatric Retinal Surgeons Meeting, Hawk's Cay, Florida Keys, 1/27-30/05

- **Murray TG** et al. Advancement of pharmacotherapies in the management of pediatric retinoblastoma

Macula Society meeting, Key Biscayne, FL, 2/23-26/05

- **Murray TG** et al. Macular retinoblastoma: enhancement of tumor control with immediate, consecutive laser thermotherapy
- **Murray TG** et al. Translation approaches to treatment advances in retinoblastoma: the role of the clinician scientist

Aspen Retinal Detachment Society meeting, Aspen, CO, 3/6-11/05

AAO Mid-year Forum, Washington, DC, 4/6-9/05

Genentech Meeting, Washington, DC, 4/15-16/05

Bascom Palmer Eye Institute 2005 Vitreoretinal Course, Miami, FL, 4/29-30/05

Retinal Advisory Committee II meeting, Washington, DC, 5/13-15/05

Bascom Palmer Eye Institute Annual Resident's Day Meeting, 6/17-18/05

- Moderator, Pediatric Tumors Session

American Society of Retina Specialists meeting, Montreal, International RB Symposium, Fairmont Hotel, Whistler, Canada, 9/1-5/2005

- **Murray TG** et al. Characterization of VEGF Receptor Two expression in the Retinoblastoma mouse model LHbTAG.
- **Murray TG** et al. Vascular Targeting Enhances Focal Chemotherapy in the Control of Retinoblastoma Tumor Burden.
- Scheffler AC, **Murray TG**. Macular Retinoblastoma: Evaluation of Tumor Control, Local Complications, and Visual Outcomes for Eyes treated with Chemotherapy and Repetitive foveal laser ablation
- **Murray TG** et al. Gelatinase Modulation as Treatment for Retinoblastoma (poster presentation)

Retina Society Meeting, Coronado, CA 9/15-18/2005

American Academy of Ophthalmology, Chicago, IL 10/14-19/2005

- Luncheon Discussion Group Schedule--V17: Intraocular Tumor Management Update, Discussion Group Leader.
- **Murray TG** et al. Macular Retinoblastoma Enhancement of Tumor Control with Intermediate Consecutive Laser Thermal Therapy
- Advanced Vitreoretinal Technology and Therapies Symposium
- Moderator, Breakfast with the Experts roundtable (Ocular Oncology Update)
- **Murray TG** et al. Safety and Efficacy of Intravitreal Triamcinolone Acetonide for Macular Edema in Central Retinal Vein Occlusion: One Year Results.
- **Murray TG** et al. Current and new concepts for the ideal socket and prosthesis.
- Moderator, 2005 Breakfast with the Experts Roundtable B329 (Pharmacotherapies for Ocular Tumors)
- **Murray TG** et al. Outcomes of Vitrectomy for retained lens fragment (poster presentation)
- **Murray TG** et al. An Impact Study on the management of retinoblastoma
- **Murray TG** et al. Whole Body PET/CT Imaging for Choroidal Melanoma
- **Murray TG** et al. The potential use of Fibrin Sealant delivery of periocular chemotherapy.

BPEI 2006 Research Retreat 01/06/06

BPEI Angiogenesis 2006, Miami, FL 02/04-05/2006

- **Murray TG** et al. Intraocular Tumor Microvascular Targeting Enhances Tumor Control in Retinoblastoma: In Vivo Modeling of Treatment Parameters.

Miami Nature Biotechnology Winter Symposium, Miami, FL 02/04-5/2006

34<sup>th</sup> Annual Aspen Retinal Detachment Society Meeting, Aspen, CO 03/05-09/2006

ASRS 2006 Mid-Year Board Meeting, Las Vegas, NV April 22, 2006

2006 Retinal Physician Symposium, The Atlantis Paradise Island, Bahamas  
May 31 – June 3, 2006 (Invited Speaker)

- Retinoblastoma Update
- Experimental Therapies for Tumors- Ready for Prime time

ABO Oral Examinations. San Francisco, CA, June 9 – 11, 2006

- Invited Examiner

2006 BPEI Resident's Day – Miami, FL, June 16-17, 2006

18th Annual Midwest Ocular Angiography Conference, Girdwood, Alaska 8/2-5/06

24<sup>th</sup> Annual ASRS Meeting, Cannes, France 9/9-13/06

American Academy of Ophthalmology, Las Vegas, Nevada, 11/11-14/06

- Academy Subspecialty Day – Discussion Group Leader
- Temporary Complete VEGF-A Blockage Study Group
- **Murray TG** et al. Retinoblastoma Treatment Update

Association of Pediatric Retinal Surgeons Meeting, Jan 18-21, 2007

- **Murray TG** et al. Implications of Retinoblastoma Tumor Vasculature on Novel Therapies

Angiogenesis 2007, Miami, Florida, Feb 23-24, 2007

- **Murray TG** et al. Antiangiogenic Therapy for Ocular Tumors

35th Annual Aspen Retinal Detachment Society Meeting, March 3 – 10, 2007

- **Murray TG** et al. Implications of "Off-label" Therapy in Retinal Disease Management
  
- **Murray TG** et al. Ocular Oncology: Revisiting the Controversies

Retinal Physician Symposium, Sanibel, Florida, April 12-15, 2007

- Tumors: Adult Tumor Update
- Tumors: Tumor cases Panel

Royal Australian & New Zealand College of Ophthalmologists, April 26-29, 2007

- **Murray TG** et al. Macular surgery: Advances in imaging, surgical technology and techniques
- **Murray TG** et al. Ocular tumor management: Applications from the laboratory to the patient
- **Murray TG** et al. Posterior segment complications of anterior segment surgery
- **Murray TG** et al. Complex retinal detachment repair: The new and the old

2007 Vitreoretinal Update Course, Bascom Palmer Eye Institute, Miami, Florida, May 4-5, 2007

- **Murray TG** et al. Choroidal Melanoma: Pearls Long After the COMS
- **Murray TG** et al. Vascular Biology of Retinoblastoma Implications for Novel Treatments

Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, FL, May 6- 10, 2007

- **Murray TG** et al. Blood Vessel Maturation in Human Uveal Melanoma: Spatial Configuration of Endothelial Vessel Maturation and Neovasculture and Its Impact on Ocular Treatment
- **Murray TG** et al. Uveal Melanoma Cell-Based Vaccines Activate CD4+ T Lymphocytes That Cross-React With Primary and Metastatic Uveal Melanoma Cells
- **Murray TG** et al. Candida Endophthalmitis Following Cataract Surgery: Management Strategies, and Visual Acuity Outcomes
- **Murray TG** et al. Echographic Localization of Periocular Carboplatin in Advanced Retinoblastoma
- **Murray TG** et al. Basic Fibroblast Growth Factor Expression in Retinoblastoma Progression and Survival
- **Murray TG** et al. Targeting the Tumor Microenvironment as a Therapeutic Strategy for Retinoblastoma
- **Murray TG** et al. Role of Tumor Associated Macrophages in Retinoblastoma Tumor Growth
  
- **Murray TG** et al. Quantitative Imaging of Eye Tumor in the Mouse Model of Retinoblastoma With Spectral-Domain Optical Coherence Tomography
- **Murray TG** et al. The Wnt Signaling Pathway Has Tumor Suppressor Properties in Retinoblastoma
- **Murray TG** et al. Differential Induction of Apoptosis in the Treatment of LHBETATAG Retinoblastoma Following Vessel Targeting
- **Murray TG** et al. Regional Hypoxia in LHBetaTag Murine Retinoblastoma: Implication for Novel Treatments

Macula Society, London, England, May 30-June 2, 2007

- **Murray TG** et al. Intravitreal Avastin in the Management of Post-Brachytherapy Radiation Retinopathy in Patients with Posterior Uveal Malignant Melanoma

Reggio Retina 2007, Reggio, Italy, June 6 -10, 2007

- Advanced Pharmacologic Therapy for Intraocular Tumors
- Uveal Melanoma Advances in Radiotherapy: A Ten Year Update

International Society of Ocular Oncology (ISOO), Siena, Italy, June 27-30, 2007

- **Murray TG** et al. Apoptotic cell death in LHBetaTag tumors following vessel targeting therapy
- **Murray TG** et al. Regional hypoxia in LHBetaTag murine retinoblastoma: implications for novel treatments.
- **Murray TG** et al. Characterization of tumor associated macrophages in the LHBetaTage mouse model of retinoblastoma

AVTT/Fellow's Symposium, Chicago, Illinois, Sept. 7-9, 2007

- **Murray TG** et al. Small Gauge Surgery for Management of Dislocated Lens Nucleus Fragments

40th Annual Meeting of the Retina Society, Sept. 27-30, 2007

- Session Moderator - Tumors
- **Murray TG** et al. Long-term Survival Outcomes for Patients Undergoing Observational Management Prior to Definitive 125-Iodine Brachytherapy: Ten-year Follow-up of a Prospective Treatment Cohort

Iowa Clinical Conference - Visiting Professor, Oct. 3 - 7, 2007

- Ocular Oncology Update: Focus on translational research application to advanced patient care
- Vitreoretinal Surgical Update: Microincisional surgery - The new and the old

Alcon Meeting, Oct. 19-21, 2007

American Board of Ophthalmology Oral Examinations, Oct 26 - 28, 2007

- Invited Special Examiner

American Academy of Ophthalmology, New Orleans, Louisiana, Nov. 11-13, 2007

- Academy Subspecialty Day – Discussion Group Leader
- **Murray TG** et al. Sandwich Therapy for Choroidal Melanomas
- Advanced Vitreoretinal Technology and Therapies Symposium
  - Moderator
  - **Murray TG** et al. Best Practices for 23-gauge Success: A Surgeon's Perspective

**Timothy G. Murray, M.D., M.B.A.**  
**Curriculum Vitae**

- Alcon Speaker Forum - Micro-Incision Vitrectomy Surgery - Panel Discussion
- OPS Lecture (Wide Field Pediatric Imaging)

Sylvester Comprehensive Cancer Center Retreat, Marco Island, Florida, Nov. 16-18, 2007

- **Murray TG** et al. Advances in Pediatric Retinoblastoma Management Application of Translational Research

American Society of Retina Specialist Meeting, Indian Wells, California, Dec. 1-5, 2007

- A Roadmap to Emerging Anti-VEGF Therapies: Driving a Successful Practice Management System
- **Murray TG** et al. Juxtapapillary Choroidal Malignant Melanoma: Custom Notched Plaque 125 Iodine Brachytherapy: a Completed 5 year Pilot clinical Trail

Angiogenesis, Miami, Florida, February 22 - 23, 2008

- **Murray TG** et al. Hypoxia Modulation Improves Vessel Targeting in Retinoblastoma

36th Annual Aspen Retinal Detachment Society Meeting, Aspen, Colorado, March 2-6, 2008

31st Annual Macula Society Meeting, Palm Beach, Florida, March 26-29, 2008

- **Murray TG** et al. Targeting Regional Hypoxia Enhances Retinoblastoma Tumor Control: Use of 2-DG as a Novel Therapeutic Strategy

2008 AAO Mid-Year Forum, Washington, DC, April 9 - 12, 2008

ARVO 2008 Annual Meeting, Ft. Lauderdale, Florida, April 27 - May 1, 2008

- Moderator - Retinoblastoma I
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Retinal Physician Symposium, Naples, Florida, 2008 - May 29-31, 2008

- **Murray TG** et al. Adult Tumor Update
- **Murray TG** et al. Surgery for DME

American Board of Ophthalmology, San Francisco, California, June 4 - 9, 2008

- Examiner

World Ophthalmology Congress 2008, Hong Kong, China, June 28 - July 2, 2008

- **Murray TG** et al. Macrophages and Blood Vessels in Retinoblastoma
- **Murray TG** et al. Visions for Better Therapy: Preclinical Evidence
- Panel Discussion - Retinoblastoma and Uveal Melanomas

Pediatric Retina, Strasbourg, France, August 27 - 30, 2008

- **Murray TG** et al. Antiangiogenic Therapy for Retinoblastoma: Effect of Tumor Burden and Dose Schedule in the Murine LH BETATAG Transgenic Model
- **Murray TG** et al. Tumor Microenvironmental Targeting Therapy Improves Retinoblastoma Tumor Control
- **Murray TG** et al. Vascular Targeting Increases Hypoxia in LHBETATAG Murine Retinoblastoma

Club Jules Gonin, St. Moritz, Switzerland, September 10 - 14, 2008

- **Murray TG** et al. Hypoxic Modulation Enhances Retinoblastoma Tumor Control: A Novel Treatment Strategy

Retina Society Meeting, Scottsdale, Arizona, Sept. 25-28, 2008

- **Murray TG** et al. Intraoperative Echography Enhances Local Tumor Control and Long-term Survival for Brachytherapeutic Treatment of Uveal Melanoma

26th Annual Mtg of the American Society of Retina Specialists, Maui, HI, Oct 11-15, 2008

- **Murray TG** et al. Advances in Ocular Tumor Management – 2008
- Recent Advancements in 532 Green Laser Technology and Probe Enhancement: Clinical assessment and laboratory evaluation

American Academy of Ophthalmology, Atlanta, GA, November 8-12, 2008

- **Murray TG** et al. Laser & Laser Probes
- **Murray TG** et al. Ocular Treatment Options for Retinoblastoma
- **Murray TG** et al. Hypoxia Modulation Improves Vessel Targeting in Retinoblastoma
- Poster: Retinal Detachment Rates and Visual Acuity Outcomes of Patients Undergoing Pars Plana Vitrectomy for Retained Lens Fragments
- Poster: Bevacizumab Reduces Vision Loss From Radiation Retinopathy After Iodine-125 Plaque Brachytherapy for Posterior Uveal Malignant Melanoma
- Poster: Nosocomial Acute-Onset Postoperative Endophthalmitis at a University Teaching Hospital
- **Murray TG** et al. Immunology and retinoblastoma

American Society of Retina Specialists, Strategic Planning Retreat, January 23- 25, 2009

Association of Pediatric Retinal Specialist, Duck Key, Florida, Jan. 29 – Feb. 1, 2009

- **Murray TG** et al. Advances in Retinoblastoma Management: Vascular targeting improves tumor control in combined modality therapy

Angiogenesis, Exudation and Degeneration 2009, Miami, Florida, February 21, 2009

- **Murray TG** et al. The Economics of Anti-VEGF Therapy in an Academic Practice

7th International Spectralis Symposium (ISS), Miami, Florida, February 27-28, 2009

- **Murray TG** et al. Advanced OCT/Autofluorescence Imaging of Posterior Choroidal Tumors

37th Annual Aspen Retinal Detachment Society Meeting, Snowmass Village, Colorado, March 1-5, 2009

- **Murray TG** et al. Complex Case Management - A Roundtable Review  
American Society of Retina Specialists, Chicago, Illinois, April 18, 2009

2009 Mid-Year Forum, Washington, D.C., April 22-25, 2009

Vitreoretinal Update 2009, Miami, Florida, May 1-2, 2009

- **Murray TG** et al. Choroidal Melanoma: Pearls Long After the COMS
- **Murray TG** et al. Vascular Biology of Retinoblastoma: Implications for Novel Treatments

ARVO Annual Meeting, Ft. Lauderdale, Florida, May 3-7, 2009

- **Murray TG** et al. Role of Matrix Metalloproteinase-9 in LH BETA Tag Retinal tumor Growth
- **Murray TG** et al. Optical Coherence Tomography in a Murine Retinal Detachment Model.
- **Murray TG** et al. Recent Advancements in 532 Green Laser Technology and Probe Enhancement: Clinical Assessment and Laboratory Evaluation.
- **Murray TG** et al. Retinoblastoma Tumor Burden: Effect of Macrophage Depletion on LH<sub>BETA</sub>T<sub>AG</sub> Retinal Tumor Growth.
- **Murray TG** et al. Vascular Targeting Agent and Glycolytic Inhibitor Combination Therapy Decreases Tumor Burden in Advanced LH<sub>BETA</sub>T<sub>AG</sub> Murine Retinoblastoma.
- **Murray TG** et al. Chemotherapy Plus Cyclosporine A for the Treatment of Intraocular Retinoblastoma.
- **Murray TG** et al. Fundus Pigmentation in Treatment-requiring Retinopathy of Prematurity (ROP).
- **Murray TG** et al. Nosocomial Acute-Onset Postoperative Endophthalmitis at a University Teaching Hospital (1995-2008)
- **Murray TG** et al. Acute-Onset Endophthalmitis Following Clear Corneal Cataract Surgery: A 12-Year Review (1996-2008)

SW Regional AAO Tristate Meeting, Flagstaff, Arizona, May 15-17, 2009

- **Murray TG** et al. Advanced Tumor Management 2009: The End of a Remarkable Decade
- **Murray TG** et al. Age Related Macular Degeneration 2009: Imaging and Targeted Vascular Therapy Revolutionize Treatment Success

American Board of Ophthalmology Oral Examinations, Chicago, Illinois, June 5-7, 2009

- Invited Special Examiner

Pediatric Grand Rounds, July 28, 2009

- **Murray TG** et al. Advances in Pediatric Retinoblastoma Management: Application of Translational Research

Michigan Society of Eye Physicians and Surgeons 41st Annual Conference, Mackinac Island, Michigan, August 14 - 16, 2009

- **Murray TG** et al. Age Related Macular Degeneration 2009: Imaging and Targeted Vascular Therapy Revolutionize Treatment Success
- **Murray TG** et al. Advanced Tumor Management 2009: The End of a Remarkable Decade

Alcon Consultant Meeting, Chicago O'Hare, Illinois, August 20 - 21, 2009

2009 Chicago AVTT and Fellow's Forum, Chicago, Illinois, August 21-23, 2009

- Moderator: Diabetes Mellitus and Retinal Vascular Diseases
- **Murray TG** et al. Combined Small Gauge Vitrectomy with Phacoemulsification
- **Murray TG** et al. The Role of anti-VEGF Therapy in the Treatment of Uveal Melanoma
- **Murray TG** et al. Retinoblastoma Update

International Congress of Ocular Oncology, Cambridge, United Kingdom, September 8-12, 2009

- Moderator: Angiogenesis
- **Murray TG** et al. Ocular Tumor Vascular Development: Tumor Angiogenesis and Regionalization of Vascular Progression

Combined Meeting: ASRS, Macula Society and Retina Society, New York City, New York, Sept. 30 - Oct. 4, 2009

- Poster : Focal, Periocular Delivery of 2-Deoxy-D-Glucose Alone and as an Adjuvant to Chemotherapy for Treatment of Advanced Retinoblastoma

Subspecialty Day and American Academy of Ophthalmology Annual Meeting, Oct. 22-27, 2009

- Discussion Group Leader: V11.25- and 23-Gauge Instrumentation for Vitrectomy
- **Murray TG** et al. Intra-operative OCT Analyzing the BPEI Academic, Hospital-based Practice With a Focus on Profitability and Efficiency
- **Murray TG** et al. Vascular Targeting in Ocular Oncology
- **Murray TG** et al. Management of radiation maculopathy and papillopathy

ASRS - Strategy & Business Plan Group Meeting II, Rosemont, IL, January 8-10, 2010

Angiogenesis Meeting, Miami, Florida, February 20, 2010

- **Murray TG** et al. Pharmacotherapies for Ocular Tumors

38th Annual Aspen Retinal Detachment Society Meeting, Aspen, Colorado, March 6-13, 2010

ASRS Mid Year Board Meeting, Chicago, IL, April 17, 2010

Retinal Physician Symposium, Paradise Island, Bahamas, April 21-24, 2010

ARVO Annual Meeting, Ft. Lauderdale, Florida, May 2-6, 2010

- Poster: T Cells Targeting Cancer Stem Cells in Uveal Melanoma
- Paper: Retinoblastoma Molecular Genomics: Regional Differences in the Molecular Genomics Expression Following Treatment With 2-Deoxy-D-Glucose in LHBETATAG Retinal Tumors
- Paper: Supraselective Intra-Ophthalmic Artery Chemotherapy: Evaluation of Treatment Related Complications in Advanced Retinoblastoma
- Moderator - Poster Session # 279, Session Title: AP – Retinoblastoma
- Poster: Retinal Findings in Patients With Aicardi Syndrome
- Poster: Retinoblastoma Tumor Burden Control: Periocular m-TOR Inhibitor Rapamycin Decreases Tumor Burden in Advanced LHBETATAG Murine Retinoblastoma
- Poster: Regional and Temporal Differences in the Genetic Expression of LHBetaTAg Retinoblastoma Tumors
- Paper: Intraoperative Spectral Domain Optical Coherence Tomography (SD-OCT) Imaging of Complex Pediatric Retinal Disease
- Moderator: Poster Session - Tumors and Clinical/Experimental Study
- Poster: Open Globe Injuries: Computerized Tomography and Echography in Clinical Management

World Congress of Ophthalmology, Berlin, Germany, June 5-9, 2010

- Moderator: Retina: Diagnostics 1
- **Murray TG** et al. Angiogenesis in retinoblastoma
- **Murray TG** et al. Combined MIVS 23 Gauge Vitrectomy and Phacoemulsification in the Management of Complex Macular Pathology

ASRS Annual Meeting, Vancouver, Canada, August 28 - Sept. 2, 2010

- **Murray TG** et al. Surgical Comparison of Combined Sutureless Microincisional 23 versus 25+ Gauge Vitrectomy Surgery (MIVS) with Concomitant Phacoemulsification
- Poster: Supraselective Intra-arterial Chemotherapy Utilizing Ophthalmic Artery Delivery for Advanced Retinoblastoma

Retina Consultant and Advisor Mtg, Chicago, IL, September 9-10, 2010

Retina Society, San Francisco, CA, Sept. 23-26, 2010

- **Murray TG** et al. 10,000 Intravitreal Injections: Analysis of impact on the Ocular Oncology Service at BPEI

American Academy of Ophthalmology Meeting, Chicago, IL, Oct.15-16, 2010

- Moderator: Oculoplastics Original Papers: Tumors

Club Jules Gonin 2010, Kyoto, Japan, Nov. 3-6, 2010

- Poster: Periocular Combined 2-DeoxyGlucose with Carboplatin Chemotherapy increases Retinoblastoma Tumor control through Hypoxia Modulated enhancement of Chemotherapy

Association of Pediatric Retinal Surgeons Meeting, February 24-27, 2011

- **Murray TG** et al. Supraselective Intra-Artrial Melphalan Chemotherapy in Retinoblastoma: Evolving Treatment Schedules and Dosing Regimens

39th Aspen Retinal Detachment Society, Snowmass, Colorado, March 5-9, 2011

- **Murray TG** et al. Retinoblastoma: Unique Diagnosis and Treatment Paradigms in 2011
- **Murray TG** et al. Uveal Melanoma: Applications of High Resolution Imaging and Adjunctive Intravitreal Therapy Enhance Cure in 2011

11<sup>th</sup> Antwerp Vitreoretinal Course, Antwerp, Belgium, March 17-19, 2011

- **Murray TG** et al. Combined Phaco-Vitreotomy
- **Murray TG** et al. Dislocated Nuc Fragments/Displaced IOL
- **Murray TG** et al. Wide Field Viewing
- **Murray TG** et al. Comparison of 23 / 25 G MIVS Systems

ARVO 2011, Fort Lauderdale Convention Center, Ft. Lauderdale, Florida  
May 1-5, 2011

- **Murray TG** et al. A Novel, Oral, Non-invasive Method Of Delivery For The Glycolytic Inhibitor 2-deoxy-d-glucose In The Treatment Of Retinoblastoma”
- Moderator: Retinoblastoma II, Poster Session

Kresge Eye Institute’s 56<sup>th</sup> Annual Clinical Conference Update in Clinical Ophthalmology  
Detroit, Michigan, June 17-18, 2011

- **Murray TG** et al. Novel Therapeutic Strategies for Advanced Retinoblastoma

Masters in Ophthalmology 2011, Palm Beach, Florida 33480, June 24-26, 2011

- **Murray TG** et al. Ocular Oncology Update: 2011

Advanced Vitreoretinal Techniques & Technology (AVTT) Symposium (and CPE Vitreoretinal Fellows Program), W Chicago City Center Hotel, August 12-14, 2011

- **Murray TG** et al. Practice Efficiency: How to Manage “Quality” Care in

Today's World

- **Murray TG** et al. Vitrectomy and Cataract Surgery-Combined or Sequential Surgical Approach? Are Outcomes Different?
- **Murray TG** et al. Microincisional Vitrectomy Surgery (MIVS) Instrumentation-Tips and Tricks
- **Murray TG** et al. HD Video-Operative Approaches to Better Video

29<sup>th</sup> American Society of Retina Specialist Annual Meeting, Boston, Massachusetts, August 20-24, 2011

- **Murray TG** et al. "Implications of 23/25+ Gauge Microincisional Vitrectomy Surgery with Adjunctive Intravitreal Steroid Pharmacotherapy"
- **Murray TG** et al. "Clinical Experience case study – ERM"

American Academy of Ophthalmology Meeting, Convention Center, Orlando, Florida, October 21-25, 2011

- Moderator: Retina 2011: The Magical World of Retina – Beauties and the Beasts: Retinoblastoma Roundtable
- Moderator: Advancements in Surgical Technology: A Retina Case Review
- Moderator: Murray - Roundtable Number:B470 Update on Ocular Oncology 2011

XV<sup>th</sup> Biannual Meeting of the International Society of Ocular Oncology, Buenos Aires, Argentina, November 14-17, 2011

- **Murray TG** et al. "mTOR targeting in combination with chemotherapy: Upstream regulation of anaerobic glycolysis to target the chemoresistant cell population in RB"
- Dr. Murray (Panelist) - RETINOBLASTOMA PANEL 30 RBp127
- Poster: Treatment modulation in retinoblastoma tumorigenesis and its impact on tumor burden
- **Murray TG** et al. A novel, oral, non-invasive method of delivery for the glycolytic inhibitor 2-deoxy-D-glucose in the treatment of Retinoblastoma.
- **Murray TG** et al. Intra-arterial melphalan dosing regimens for the treatment of retinoblastoma

Retina Canada, Niagra Falls, Canada, September 27-30, 2012

45<sup>th</sup> Retina Society, Washington D.C, October 4-7, 2012

American Society of Retinal Specialists, Chicago, Illinois, January 11-13, 2013

International Retinal Imaging Symposium, Dana Point, California, February 26, 2013

Macula Society 36<sup>th</sup> Annual Meeting, St. Regis Monarch Beach, Dana Point, California, February 27, 2013- March 2, 2013

41<sup>st</sup> Annual Aspen Meeting, Snowden, Colorado, March, 2013

Caymen Islands TV Interview, April 3, 2013

Vit- Buckle Society, Miami, Florida, April 11-13, 2013

3<sup>rd</sup> Annual Wills Eye Intraocular Tumor Symposium, April 26-27, 2013, Philadelphia, PA

American Society of Retinal Specialists Board Meeting, Chicago, Illinois, April 25-28, 2013

Vit-Buckle Society Meeting, Miami, Florida, April 11-14, 2013

Association for Research in Vision and Ophthalmology, Seattle, Washington, May 5-9, 2013

US Vitreoretinal Advisory Board, Chicago, Illinois, May 17-19, 2013

Retinal Physician Symposium, Las Vegas, Nevada, June 5-8, 2013

Alcon invitation to speak dinner meeting, Tampa, Florida, June 12-13, 2013

Shields Case, Philadelphia, Pennsylvania, June 24-25, 2013

Masters in Ophthalmology, Breakers Palm Beach, Florida, June 28-30, 2013

American Society of Retinal Specialists, Toronto, Canada, August 22-28, 2013

- **Murray TG** et al. Dislocated IOL's: Exchange, Reposition, Suture
- **Murray TG** et al. Treatment algorithm for retinal vein occlusion

International Society of Ocular Oncology, Cleveland, Ohio, September 30,2013- October 3, 2013

American Academy of Ophthalmology Mid-Year Forum, Washington, D.C., April 10, 2014-  
April 13, 2014

American Society of Retinal Specialists Board Meeting, Dallas, Texas, April 25<sup>th</sup>, 2014

Association for Research in Vision and Ophthalmology, Orlando, Florida, May 4<sup>th</sup>-May 8<sup>th</sup>, 2014

10<sup>th</sup> Annual Retinal Physicians Symposium, Washington, D.C., May 16<sup>th</sup>-May 18<sup>th</sup>, 2014

Pan-American Retina & Vitreous Society Congress, San Juan, Puerto Rico, June 11<sup>th</sup>-June 14<sup>th</sup>,  
2014

**Timothy G. Murray, M.D., M.B.A.**  
**Curriculum Vitae**

Masters In Ophthalmology, Ritz-Carlton Orlando, Grande Lakes, Florida, June 20<sup>th</sup>-June 22<sup>nd</sup>, 2014

American Society of Retinal Specialists Annual Meeting, San Diego, California, August 9<sup>th</sup>-August 13<sup>th</sup>, 2014

XXIXth Club Jules Gonin Meeting, Zurich, Switzerland, September 3<sup>rd</sup>-September 6<sup>th</sup>, 2014

47<sup>th</sup> Annual Retina Society Scientific Meeting, Philadelphia, Pennsylvania, September 11<sup>th</sup>-September 14<sup>th</sup>, 2014

American Academy of Ophthalmology Annual Meeting, Chicago, Illinois, October 17<sup>th</sup>-October 21<sup>st</sup>, 2014

U.S. Retina Advisory Council, Denver, Colorado, November 7<sup>th</sup>-November 9<sup>th</sup>, 2014

Alcon Advisory Board Meeting, San Francisco, California, November 14<sup>th</sup>, 2014

Atlantic Coast Retina Club Macula Meeting, Boston, Massachusetts, January 9<sup>th</sup>-January 10<sup>th</sup>, 2015

New Orleans Academy of Ophthalmology 64<sup>th</sup> Annual Symposium "Reflections on the Bayou", New Orleans, Louisiana, January 30<sup>th</sup>-February 1<sup>st</sup>, 2015

43<sup>rd</sup> Annual Aspen Retinal Detachment Society Meeting, Aspen, Colorado, February 28<sup>th</sup>-March 4<sup>th</sup>, 2015

American Academy of Ophthalmology Mid-Year Forum, Washington, D.C., April 15<sup>th</sup>-April 18<sup>th</sup>, 2015

ARVO Annual Meeting, Denver, CO May 2<sup>nd</sup>-May 7<sup>th</sup>, 2015

ISOO Biennial Meeting, Paris, France June 16<sup>th</sup>-June 19<sup>th</sup>, 2015

Masters in Ophthalmology FSO Annual Meeting, The Breakers Palm Beach, Florida, June 26<sup>th</sup>-June 28<sup>th</sup>, 2015

48<sup>th</sup> Annual Retina Society Scientific Meeting, Paris, France, October 7<sup>th</sup>-October 11<sup>th</sup>, 2015

American Academy of Ophthalmology Annual Meeting, Las Vegas, Nevada, November 13<sup>th</sup>-November 17<sup>th</sup>, 2015

World Ophthalmology Congress, Guadalajara, Mexico, February 5<sup>th</sup>-February 8<sup>th</sup>, 2016

Annual Macula Society Meeting, Miami, Florida, February 24<sup>th</sup>-February 27<sup>th</sup>, 2016

Aspen Retinal Society Meeting, Aspen, Colorado, March 5<sup>th</sup>-March 9<sup>th</sup>, 2016

ASRS, Denver, Colorado, March 10<sup>th</sup>-March 13<sup>th</sup>, 2016

VBS, Miami, Florida, March 18<sup>th</sup>-March 20<sup>th</sup>, 2016

APRS – Pediatric Retina Society, Cabo San Lucas, March 30<sup>th</sup>-April 3<sup>rd</sup>, 2016

AAO Mid-year Forum, Washington DC, April 15<sup>th</sup>-April 17<sup>th</sup>, 2016

ARVO, Seattle, Washington, May 1<sup>st</sup>-May 3<sup>rd</sup>, 2016

Masters in Ophthalmology 2016 Annual Meeting, Orlando, Florida, June 10<sup>th</sup>-June 12<sup>th</sup>, 2016

XXX Meeting of Club Jules, Bordeaux, France, July 6<sup>th</sup>-July 9<sup>th</sup>, 2016

ASRS, San Francisco, California, August 9<sup>th</sup>-August 14<sup>th</sup>, 2016

Retina Society Meeting, San Diego, California, September 14<sup>th</sup>-September 17<sup>th</sup>, 2016

American Academy of Ophthalmology Annual Meeting, Chicago, Illinois, October 15<sup>th</sup>-October 18<sup>th</sup>, 2016

Optometric Management Meeting, Orlando, Florida, December 1<sup>st</sup>-December 4<sup>th</sup>, 2016

Retina Society Interim Meeting, Boston, Massachusetts, February 17<sup>th</sup>-February 18<sup>th</sup>, 2017

Retina World Congress, Fort Lauderdale, Florida, February 23<sup>rd</sup>-February 26<sup>th</sup>, 2017

45<sup>th</sup> Annual Aspen Retinal Society Meeting, Aspen, Colorado, March 4<sup>th</sup>-March 8<sup>th</sup>, 2017

Washington Academy of Eye Physicians and Surgeons Annual Meeting, Seattle, Washington, March 29<sup>th</sup>-March 31<sup>st</sup>, 2017

VBS 5<sup>th</sup> Annual Meeting, Las Vegas, Nevada, April 6<sup>th</sup>-April 8<sup>th</sup>, 2017

Mid-year Retina Forum, Washington, D.C., April 26<sup>th</sup>-April 29<sup>th</sup>, 2017

ARVO Baltimore, Maryland, May 7<sup>th</sup>-May 11<sup>th</sup>, 2017

FSO Trump International Doral, Florida, June 2<sup>nd</sup>-June 4<sup>th</sup>, 2017

ASRS Annual Meeting, Boston, MA, August 11<sup>th</sup>-August 15<sup>th</sup>, 2017

50<sup>th</sup> Anniversary Meeting of The Retina Society, Boston, MA, October 5<sup>th</sup>-October 8<sup>th</sup>, 2017

AAO New Orleans, LA, November 10<sup>th</sup>-November 14<sup>th</sup>, 2017

FSO Orlando, Florida, June 8<sup>th</sup>-June 10<sup>th</sup>, 2018

World Ophthalmology Conference, Barcelona, Spain, June 16<sup>th</sup>-June 19<sup>th</sup>, 2018

ASRS Annual Meeting, Vancouver, Canada, July 20<sup>th</sup>-July 25<sup>th</sup>, 2018

Pan-American Retina & Vitreous Society Congress, Cancun, Mexico, August 29<sup>th</sup>-September 1<sup>st</sup>, 2018

Retina Society Annual Meeting, San Francisco, CA, September 12<sup>th</sup>-September 15<sup>th</sup>, 2018

AAO Annual Meeting, Chicago, IL, October 27<sup>th</sup>-October 30<sup>th</sup>, 2018

Alcon, Dallas, TX, November 16<sup>th</sup>, 2018

ASRS Annual Meeting, Scottsdale, AZ, January 31<sup>st</sup>-February 2<sup>nd</sup>, 2019

42<sup>nd</sup> Annual Macula Society Meeting, Bonita Springs, FL, February 13<sup>th</sup>-February 16<sup>th</sup>, 2019

Aspen Retinal Detachment Society Meeting, Snowmass, CO, March 2<sup>nd</sup>-March 6<sup>th</sup>, 2019

Retina World Congress, Fort Lauderdale, FL, March 21<sup>st</sup>-March 24<sup>th</sup>, 2019

ISOO Biennial Conference, Los Angeles, CA, March 22<sup>nd</sup>-March 26<sup>th</sup>, 2019

Advancements in Retina Technology Symposium, Fort Worth, TX, June 21<sup>st</sup>-June 22<sup>nd</sup>, 2019

ASRS Annual Meeting, Chicago, IL, July 25<sup>th</sup>-July 30<sup>th</sup>, 2019

Retina Society Scientific Program, London, UK, September 11<sup>th</sup>-September 15<sup>th</sup>, 2019

18<sup>th</sup> Annual Downeast Ophthalmology Symposium, Bal Harbour, ME, September 20<sup>th</sup>-September 22<sup>nd</sup>, 2019

Mexico Retina Association Annual Retina Meeting, Pueblo, Mexico, October 2<sup>nd</sup>-October 5<sup>th</sup>, 2019

AAO Annual Meeting, San Francisco, CA, October 12<sup>th</sup>-October 15<sup>th</sup>, 2019

FDA Meeting (DO DAC), Washington D.C., December 13<sup>th</sup>, 2019

ASRS Mid-year Board Meeting, Miami, FL, January 17<sup>th</sup>-January 19<sup>th</sup>, 2020

48<sup>th</sup> Annual Aspen ARDS Meeting, Aspen, CO, February 29<sup>th</sup>-March 5<sup>th</sup>, 2020

ASRS Annual Business Meeting, Virtual, July 24<sup>th</sup>, 2020

Aspen Retinal Detachment Society Annual Meeting, Aspen, CO, March 7<sup>th</sup>-March 11<sup>th</sup>, 2021

Retina Society Annual Meeting, Chicago, IL, September 28<sup>th</sup>-October 3<sup>rd</sup>, 2021

ASRS Annual Meeting, San Antonio, TX, October 8<sup>th</sup>-October 12<sup>th</sup>, 2021

AAO Annual Meeting, New Orleans, LA, November 11<sup>th</sup>-November 15<sup>th</sup>, 2021

ASRS Mid-year Meeting, Miami, FL, January 28<sup>th</sup>-January 30<sup>th</sup>, 2022

49<sup>th</sup> Annual Aspen ARDS Meeting, Aspen, CO, March 5<sup>th</sup>-March 10<sup>th</sup>, 2022

ASRS Board Meeting, Brickell, FL, April 23<sup>rd</sup>, 2022

FSO Annual Meeting, Orlando, FL, June 10<sup>th</sup>-June 12<sup>th</sup>, 2022

ISOO 20<sup>th</sup> Congress, Leiden, Netherlands, June 17<sup>th</sup>-June 21<sup>st</sup>, 2022

ASRS Annual Meeting, New York, NY, July 13<sup>th</sup>-July 16<sup>th</sup>, 2022

Meeting of Club Jules, Croatia, September 6<sup>th</sup>-September 10<sup>th</sup>, 2022

AAO Chicago, IL, September 29<sup>th</sup>-October 3<sup>rd</sup>, 2022

Alcon Advisory Board Meeting, Fort Worth, TX, October 28<sup>th</sup>-October 29<sup>th</sup>, 2022

Retina Society Annual Meeting, Pasadena, CA, November 2<sup>nd</sup>-November 5<sup>th</sup>, 2022

**Committees:**

American Academy of Ophthalmology

- Preferred Practice Pattern-Retina/Vitreous Panel

Collaborative Ocular Melanoma Study

- Executive Committee 1994-present.
- Chairman, Small Tumor Working Group 1995-present

NIH/NEI – Data Safety & Monitoring Committee (AMDRT Trial)

NIH/NCI – ACOSOG Eye Site working Committee

NIH/NCI – Common Toxicity Criteria Group

American Society of Retinal Specialists (Vitreous Society)

- Chairman, Education Subcommittee 2010
- Chairman, Communications Committee 2010
- AAO Councilor Representative 2003 - 2009
- Chairman, Research & Development Committee 2001
- Program Committee 1999, 2000, 2001

Association for Research in Vision and Ophthalmology (ARVO)

- Program Committee 2004

Retina Society

- Executive Board, 2012
- Chairman, Nominating Committee 2011 – 2012
- Award Committee, 2012
- Nominating Committee 2008 – 2009

## **VI. TEACHING**

### **27. Teaching Awards Received:**

Teacher of the Year  
Bascom Palmer Eye Institute/University of Miami

### **28. Teaching Specialization:**

Medical and Surgical Retina  
Ocular Oncology

### **29. Thesis and Dissertation Advising/Post-doctoral student supervision:**

Feasibility of Laser Interstitial Thermotherapy (LITT) of Breast Cancer  
By: Xochitl Gonzalez-Cirre, June 1997

## **VII. SERVICE**

### **30. University Committee and Administrative Responsibilities:**

Tumor Registry Committee  
University of Miami/Jackson Memorial Hospital

Residency Selection Committee  
Bascom Palmer Eye Institute; University of Miami School of Medicine

Vitreoretinal Selection Committee  
Bascom Palmer Eye Institute; University of Miami School of Medicine

Steering Committee  
Bascom Palmer Eye Institute; University of Miami School of Medicine

Ophthalmology Chair Search Committee  
University of Miami School of Medicine

Governing Board  
University of Miami Medical Group

Medical Director  
Echography Department, Bascom Palmer Eye Institute; University of Miami School of  
Medicine

Medical Director  
Retinal Oncology, Bascom Palmer Eye Institute, University of Miami School of  
Medicine

Research Council Committee  
Bascom Palmer Eye Institute; University of Miami School of Medicine

**31. Community Activities:**

- 1994 Medical Director & Chairman - National Retinoblastoma Research and Support  
Foundation, Miami, FL
- 1994 Guest Speaker - National Eye Institute: Vision: A Traveling Exhibit. Museum of  
Discovery & Science; Miami, FL
- 1995 Board Member - Lighthouse for the Blind, Miami, FL