

*CURRICULUM VITAE*  
**MAGDALENA G. KRZYSTOLIK, MD**

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**EDUCATION**

Undergraduate University of Chicago, Biology, BA 1989, Sigma Xi  
Medical School University of Chicago, Pritzker School of Medicine, M.D. 1993

**POSTGRADUATE TRAINING**

Residency University of Chicago, Internal Medicine, 1993 – 1994  
Massachusetts Eye & Ear Infirmary,  
Ophthalmology, July, 1994 – June, 1997  
Aravind Eye Hospital, Madurai, India, Visiting Surgeon, December, 1996  
Fellowship Massachusetts Eye & Ear Infirmary, Retina, July, 1998 – July, 2000

**POSTGRADUATE HONORS  
AND AWARDS**

Heed Foundation Fellowship, 1998–1999  
Travel Award of the Retina Society, 2000

**PROFESSIONAL LICENSES  
AND BOARD CERTIFICATION**

Rhode Island  
Massachusetts

**ACADEMIC APPOINTMENTS**

Clinical Instructor  
Massachusetts Eye & Ear Infirmary  
1997– June, 2000  
Clinical Assistant Professor  
Brown Medical School, 2001-present

**HOSPITAL APPOINTMENTS**

Associate Chief of Ophthalmology, Eye Trauma Service Director, Massachusetts  
Eye & Ear Infirmary, 1997–1998  
Rhode Island Hospital, Staff Physician, 2000 - present

**HOSPITAL COMMITTEES**

Residency Admissions Committee 1997-1998  
Massachusetts Eye and Ear Infirmary Steering Committee 1996-1998  
Massachusetts Eye and Ear Infirmary Fellowship Steering Committee 1998-2000

**MEMBERSHIP IN SOCIETIES**

American Academy of Ophthalmology  
New England Ophthalmology Society  
American Society of Retina Specialists  
Rhode Island Society of Eye Physicians and Surgeons

**RESEARCH EXPERIENCE**

Rush-Presbyterian St. Luke's Medical Center. High affinity steroid receptors to  
mineralcorticoids and glucocorticoids– competition studies, 1988  
University of Chicago, Kennedy Mental Retardation Center, Nancy Schwartz, Ph.D.

Expression of proteoglycan core protein mRNA in the chick limb buds, muscle, and brain during embryonic development, 1988-1989

University of Chicago Department of Ophthalmology and Visual Science, Meredith Applebury, Ph.D. Preparation of antibodies to the subunits of rod and cone cGMP phospho-diesterase using chicken eggs, 1990-1991

Retina Laser Lab, Massachusetts Eye and Ear Infirmary, Joan Miller, M.D. and Evangelos Gragoudas, M.D. Testing antiangiogenic medications in an animal choroidal neovascularization model, 1998-2000

Cochrane Library: Evidence-Based Reviews, 2001-present

## CLINICAL TRIALS

Diabetic Retinopathy Clinical Research Network (DRCR): principal investigator, 2004-present, Writing Committee  
Genentech Marina Study: sub-investigator, 2003-present  
SCORE Study: sub-investigator, 2004-present

## ABSTRACTS

1. M.G. Krzystolik, C.N. Samy, D.J. D'Amico, S. Mukai. The Clinical Spectrum of Diffuse Infiltrating Retinoblastoma. *Invest Ophthalmol Vis Sci* 1995; 36, 2260
2. M.G. Krzystolik, L.H. Young, D.J. D'Amico, J.W. Miller. Choroidal Neovascularization after Traumatic Choroidal Rupture. *Invest Ophthalmol Vis Sci* 1996; 37, 1870
3. M.G. Krzystolik, W. Li, K.M. Egan, E.S. Gragoudas, J.W. Miller. Symmetric Formation of Bilateral Choroidal Membranes in an Experimental Monkey Model. *Invest Ophthalmol Vis Sci* 2000; 40, 1770

## ORIGINAL REPORTS

1. N.B. Schwartz, A.K. Henning, R. Krueger, M.G. Krzystolik, H. Li. Developmental expression of S103L cross-reacting proteoglycans in an embryonic chick. In: Kelley RO, Goetink PF, MacCabe A, eds. *Progress in Clinical and Biological Research: Limb Development and Regeneration*. New York: Willey-Liss, 1992.
2. M.G. Krzystolik, M. Warner: Orbit and Adnexal Neoplasia. *Curr Opinions in Ophthalmol* 1995:1
3. M.G. Krzystolik, M. Kuperwasser, R.M. Lowe, E.B. Dreyer. Anterior Segment Ultrasound Biomicroscopy in a patient with AIDS and bilateral angle-closure glaucoma secondary to uveal effusion. *Arch Ophthalmol* 1996; 114: 878-879
4. M.G. Krzystolik, T.A. Ciulla, T.M. Topping, A. Sullivan Baker. Exogenous *Aspergillus Niger* Endophthalmitis in a patient with a filtering bleb. *Retina* 1997; 17(5): 461-2
5. M.G. Krzystolik, T.A. Ciulla, A. Frederick. Senile Macular Hole in Evolution. *Am J Ophthalmol* 1998 Feb; 125 (2): 245-7
6. M.G. Krzystolik, W.J. Power, C.S. Foster: Sarcoidosis— Challenges in Diagnosis and Treatment. *Int Ophthalmol Clin* 1998, Winter; 38 (1): 61-76
7. M.G. Krzystolik, F.A. Jakobiec. Surgical Advances in Ophthalmology. Co-editor. *Int Ophthalmol Clin* 1999 Winter; 39 (1)
8. M.G. Krzystolik, D.J. D'Amico. Postoperative Complications of Intraocular

- Tamponade— Gas vs Silicone Oil. *Int Ophthalmol Clin* 2000 Winter; 40 (1): 187-200
9. M.L. Applebury, M.P. Antoch, L.C. Baxter, L.Y. Chun, J.D. Falk, F. Farhangfar, K. Kage, M.G. Krzystolik, L.A. Lyass, J.T. Robbins. The Murine Cone Photoreceptor: A Single Cone Type Expresses Both S and M Opsins with Retinal Spatial Patterning. *Neuron* 2000 September; 27 (3): 513-23
  10. M.G. Krzystolik, M.A. Afshari, A.P. Adamis, J. Gaudreault, E. S. Gragoudas, N.A. Michaud, W. Li, E. Connolly, C.A. O'Neill, J.W. Miller. Prevention of Experimental Choroidal Neovascularization with Intravitreal Anti-Vascular Endothelial Growth Factor Antibody Fragment. *Arch Ophthalmol* 2002 March; 120 (3): 338-46
  11. Predictors of Visual Outcome and Choroidal Neovascular Membrane after Traumatic Choroidal Rupture. C. Shortsleeve Ament, D. Zacks, A.M. Lane, M.G. Krzystolik, D.J. D'Amico, S. Mukai, L.H. Young, J. Loewenstein, J. Arroyo, J. Miller. Submitted to *Arch Ophthalmol*.

## PRESENTATIONS

Residents' Course. The Eye and Systemic Disease. Massachusetts Eye and Ear Infirmary, Boston, February 1997

Nantucket Retina Meeting. Prophylactic Scleral Buckles after Penetrating Globe Injuries, Nantucket, MA, August 1998

Fellows' Course. Surgical Advances in Ophthalmology. Massachusetts Eye and Ear Infirmary, Boston, Course Coordinator, February 1998

Retina Society Meeting. Grading of Choroidal Neovascular Membranes in an Experimental Monkey Model. Maui, December 1999

Fellows' Course. Postoperative Complications in Ophthalmic Surgery. Massachusetts Eye and Ear Infirmary, Boston, March 1999

Optical Technician Course. Ocular emergencies. Massachusetts Eye and Ear Infirmary, Boston, January 1999

Ophthalmological Nurses' Course. Postoperative complications of anterior segment surgery. Massachusetts Eye and Ear Infirmary, Boston, October 1999

Current Diagnosis and Treatment of Diabetic Macular Edema, Brown Medical School CME Series, September 2004

Grand Round Rhode Island Hospital: 13 year old girl with leukemia and frosted angiitis, May 2004

Retina Society Meeting. Safety and Efficacy Evaluation of a Recombinant Human Binding Fragment of a Monoclonal Antibody Directed to Vascular Endothelial Growth Factor (rhvFabVEGF) in a Monkey Model of Laser-Induced Choroidal Neovascularization. Coral Gables, November-December 2000

## HOSPITAL TEACHING ROLES

Brown Medical School Mentoring Program 2001-present

Brown Medical School and Rhode Island Hospital Residency Program: teaching ophthalmology residents in the Retina Clinic and during bimonthly journal clubs

