

CURRICULUM VITAE
MAGDALENA G. KRZYSTOLIK, MD

APRIL 30, 2005

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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

