

Matthew V. Brumm, M.D.

### **Education and training**

8/1999-5/2003: Duke University, Durham, N.C.

B.S. in biology with distinction (thesis) 5/11/2003

Summa cum laude

Concentration in genetics

Minors in history and chemistry

8/2003-5/2007: The Johns Hopkins University School of Medicine, Baltimore, MD

M.D. 5/17/2007

6/2007-6/2008: Wake Forest University Baptist Medical Center, Winston-Salem, NC.

Intern, Department of Internal Medicine

7/2008-6/2011: University of Michigan Medical School, Ann Arbor, MI. Residency,

Department of Ophthalmology and Visual Sciences, W.K. Kellogg Eye Center

7/2011-7/2012: University of Michigan Medical School, Ann Arbor, MI. Clinical lecturer

and fellow in cornea, external diseases, and refractive surgery, Department of Ophthalmology and Visual Sciences, W.K. Kellogg Eye Center

### **Certification and licensure**

6/2007-6/2008: North Carolina Resident Training License

7/2008-2/2011: Michigan Educational Limited License #4301091926

7/2010-present: Nebraska Medical License #25802

2/2011-present: Michigan Medical License #4301091926

3/2012-present: Iowa Medical License #40169

Board eligible, American Board of Ophthalmology

### **Honors and awards**

2002: Phi Beta Kappa, Duke University

2003: Edward C. Horn Award for Excellence in Biology, Duke University

2003: Howard Hughes Undergraduate Research Forum in Biology, Duke University

2002-2003: Senior Editor, The Chronicle (daily newspaper at Duke University)

### **Membership in professional societies**

2008-present: American Academy of Ophthalmology

2008-present: American Society of Cataract and Refractive Surgery

2009-present: Association for Research in Vision and Ophthalmology

### **Community service**

2003-2004: Mentor for the U.S. Dream Academy at Collington Square Elementary School, Baltimore, MD

2003: Volunteer at the Jefferson Street Free Clinic, Baltimore, MD

## **Bibliography**

### *Peer-reviewed journals and publications*

E. Margalit, L.J. Kugler, M.V. Brumm, J.L. Meza, G.R. Christensen. The Safety of Intraocular Ketorolac in Rabbits. *Invest Ophthalmol Vis Sci* 2006; 47: 2093-99.

M.V. Brumm, Q.D. Nguyen. The fluocinolone acetonide intravitreal implant for posterior uveitis. *Int J Nanomedicine* 2007; 2: 55-64.

K. Branham, M.V. Brumm, M. Othman, A.J. Karoukis, R.G. Weleber, A. Iannaccone, S.G. Jacobson, A. Swaroop, J.R. Heckenlively. X-linked Recessive Mutations in Simplex Males with Retinitis Pigmentosa. In preparation.

### *Abstracts and poster presentations*

M.V. Brumm, R. Wickert, T.C. Greiner. Factor V Leiden and Prothrombin 20210 Mutation Detection Using the HPLC-based Wave DNA Fragment Analysis System. Association for Molecular Pathology Annual Meeting abstract and poster. *J Mol Diagn* 2000 2:221.

L.J. Kugler, M.V. Brumm, G.R. Christensen, J.L. Meza, E. Margalit. Safety of Intraocular Ketorolac. Association for Research in Vision and Ophthalmology Annual Meeting abstract and poster. *Invest Ophthalmol Vis Sci* 2005; 46: E-Abstract 1460.

M.V. Brumm, K. Branham, M. Othman, A.J. Karoukis, R.G. Weleber, A. Iannaccone, S.G. Jacobson, A. Swaroop, J.R. Heckenlively. X-linked Recessive Mutations in Simplex Males with Retinitis Pigmentosa. Association for Research in Vision and Ophthalmology Annual Meeting 2010 poster presentation. May 3, 2010. *Invest Ophthalmol Vis Sci* 2010 51: E-Abstract 1399.

M.V. Brumm, K. Branham, M. Othman, A.J. Karoukis, R.G. Weleber, A. Iannaccone, S.G. Jacobson, A. Swaroop, J.R. Heckenlively. X-linked Recessive Mutations in Simplex Males with Retinitis Pigmentosa. University of Michigan Kellogg Eye Center 26<sup>th</sup> Annual Research Day presentation. June 18, 2010.

M.V. Brumm, S. Mian, R. Shtein. Long-term Outcomes of Microkeratome and Femtosecond laser-assisted LASIK. American Society of Cataract and Refractive Surgery Annual Meeting 2012 poster presentation.

### *Undergraduate honors thesis*

M.V. Brumm. Modifiers of the *wingless*<sup>NE2</sup> phenotype in *Drosophila*. Honors thesis, Department of Biology, Duke University. May 2003. Mentor: Amy Bejsovec, Ph.D., Associate Professor of Biology, Duke University.