

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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ARGENTUM PHARMACEUTICALS LLC,  
Petitioner

v.

ALCON RESEARCH, LTD.,  
Patent Owner

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Case IPR2017-01053  
Patent 8,268,299

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**DECLARATION OF RICHARD K. PARRISH, II, M.D.**

I, Richard K. Parrish, II, M.D., hereby declare as follows:

## **I. INTRODUCTION**

1. I am over the age of eighteen and otherwise competent to make this declaration.

2. I have been retained as an expert witness for Alcon Research, Ltd. (“Alcon”) to provide my professional opinion on certain issues relating to the care and treatment of patients with glaucoma and elevated intraocular pressure. I have also been asked to respond to certain points made in the declaration of Dr. Yvonne M. Buys. *See* Ex. 1021.

## **II. BACKGROUND AND QUALIFICATIONS**

3. I am the Director of the Glaucoma Service at the Bascom Palmer Eye Institute and the Edward W.D. Norton Chair of Ophthalmology and Professor in the Department of Ophthalmology at the University of Miami Miller School of Medicine. In those roles, I oversee the coordination of all glaucoma care and treatment at Bascom Palmer. I directly supervise ten faculty members and four glaucoma fellows, all of whom focus their medical practices on teaching and patient care related to glaucoma. Collectively over the past thirteen months, we have provided glaucoma care in more than 8,000 outpatient visits and 600 surgical procedures.

4. I maintain an active clinical practice involving all aspects of the treatment of glaucoma, as I have done for more than 35 years. In fact, my clinical practice today is limited almost exclusively to the treatment and management of care of patients with glaucoma. Because of the nature of my practice, I often see patients who present with some of the most complicated and advanced cases of glaucoma. In the past thirteen months alone, I have seen more than 3,000 patients and performed more than 200 surgical procedures as part of my glaucoma practice.

5. I have been board certified in ophthalmology by the American Board of Ophthalmology for more than 30 years. I have served as an Associate Examiner for the American Board of Ophthalmology in three different years, and have been invited to serve as an examiner on numerous other occasions.

6. As the Director of the Glaucoma Service at Bascom Palmer, I am also responsible for all of that institution's research and educational activities with respect to glaucoma. As part of these responsibilities, I oversee the training and mentorship of our glaucoma fellows. These fellows are physicians who have been selected for a one-year fellowship to immerse themselves in both the clinical aspects of glaucoma treatment as well as clinical and laboratory research activities related to glaucoma. Our fellows have gone on to become leaders in the field of glaucoma research and care, including the Chairs of the Department of Ophthalmology at the Medical College of Wisconsin, the University of North

Carolina School of Medicine, Case Western Reserve University, New York Eye and Ear Infirmary of Mount Sinai, and Yale University School of Medicine. I have also mentored multiple doctors who have gone on to assume senior glaucoma leadership positions within the U.S. military, including the former heads of glaucoma at some of the military's largest patient care institutions. Dozens of fellows whom I have mentored over the years are now faculty members and clinicians with a practice specialty in glaucoma at leading academic institutions.

7. Aside from, and in addition to, my teaching responsibilities at the University of Miami Miller School of Medicine, I have been teaching courses and continuing medical education related to glaucoma to practicing ophthalmologists for more than three decades. As one example, in the past thirteen years, I have organized and directed the annual Miami Mid-Winter Symposium on Glaucoma. These symposia have been attended by more than 1,000 leading ophthalmologists from all over the United States. I have presented frequently at these conferences over the years on multiple glaucoma-related topics. I have also served as a visiting professor at more than 30 different institutions around the world.

8. I am an active attendee and participant in professional conferences around the world that center on glaucoma and its treatment. For example, I lectured as an invited presenter at the Seventh International Congress of Glaucoma Surgery in Singapore. I have delivered more than 65 named or invited lectures

around the world, almost all of which dealt with some aspect of the treatment of glaucoma, including the John Lynn Lecture at the University of Texas Southwestern in Dallas, the Irvine Lecture at the Jules Stein Eye Institute at UCLA, and similar lectures at McGill University in Montreal and at the University of Louisville. I typically deliver about five named or invited lectures each year.

9. I presently hold, or have recently held, senior leadership positions in a number of professional organizations that relate to the research and treatment of glaucoma. For example, I am a member of the American Glaucoma Society and have served as the Society's counselor and representative to the American Academy of Ophthalmology. I am also a member of the American Ophthalmologic Society and have served as the organization's President. In past years, I have also served on the Board of Directors of the Glaucoma Research Society, an international organization dedicated to glaucoma research and comprising physicians and researchers accepted for membership by the Society based on a written thesis. I am also a member of the American Academy of Ophthalmology, the American Medical Association, and numerous other professional organizations.

10. I am an editor or reviewer for more than twenty different medical publications, including the highly-respected *Archives of Ophthalmology*, *Investigative Ophthalmology and Visual Science*, and the *American Journal of*

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