

# Journal of Refractive Surgery®

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# RBG Photoreceptors

Luis Miguel Gutierrez



This painting represents the three different worlds of colors that come from the different types of photoreceptors and their artistic capabilities to display tonalities, hues, and colors. The cone transmission is represented in this painting, obtained from the visible light. The artist shows the way in which color is produced and elaborated to make the artwork colorful coming from the anatomy and physiology to the understanding of perception. It is a new universe, created by different colors that are displayed with a particular sensitivity.

Luis Miguel Gutierrez is a neuroscientist with a deep knowledge of astronomy. From these perspectives, he is developing an increased dedication to plastic art. He transfers his knowledge and understanding from the scientific work on the eye and particularly on the eye photoreceptors and the observation of the universe to the way in which he understands the art behind this.

94 x 130 cm, mixed technique on canvas

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*Description by Jorge L. Alió*

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The "Miradas" competition was created by Jorge Alió, *Journal of Refractive Surgery* Editorial Board Member, and his wife, Maria Lopez, in 1998 with the intention of using artistic sensibility to bring society's attention to the phenomenon of sight, vision, and blindness. "Miradas," which means glances, is a contest in which artwork is sent from Spain and many international countries from the four continents for the Miradas International Artwork Competition every two years. Each issue of the *Journal of Refractive Surgery* features paintings that were submitted to this competition. **"Miradas" is sponsored by Biotech, Ireland.** For more information, contact [www.fundacionalio.com](http://www.fundacionalio.com)