Corrections

RPE65 Operates in the Vertebrate Visual Cycle by Stereospecifically Binding All-*trans*-Retinyl Esters, by Deviprasad R. Gollapalli, Pranab Maiti, and Robert R. Rando,* Volume 42, Number 40, October 14, 2003, pages 11824−11830.

In this paper, we reported that all-*trans*-retinyl esters stereospecifically bind to RPE65, a major protein from the retinal pigment epithelium. The values of the binding constants are incorrect as reported due to systematic errors in the calculations. The correct K_D values for the binding of all-*trans*-retinyl palmitate, all-*trans*-retinol, 11-*cis*-retinyl palmitate, and 11-*cis*-retinol to RPE65 are 47 ± 2.9, 1422 ± 26.2, 2546 ± 269, and 2171 ± 148 nM, respectively. The general trend in binding affinities is the same as reported before, and our conclusions are unchanged.

BI040028D

10.1021/bi040028d
Published on Web 05/11/2004