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Baruch D. Kuppermann, MD, PhD, is Professor and Chief, Retina Service, and Vice Chair for Clinical Research and of Academic Affairs at the Gavin Herbert Eye Institute in the Department of Ophthalmology at the University of California, Irvine, where he also holds a joint appointment with the Department of Biomedical Engineering. Dr Kuppermann completed his PhD in neuroscience at the California Institute of Technology and earned his medical degree at the University of Miami in Florida. He completed his internship at Los Angeles County/University of Southern California Medical Center and residency in ophthalmology at the University of Southern California Doheny Eye Institute in Los Angeles. In addition, he completed fellowships in retina and vitreous at St Joseph Medical Center in Baltimore, Maryland and at the University of California, San Diego.

Dr Kuppermann's laboratory research focuses on assessing the toxicity of drugs on retinal cells in culture, including various vital stains, steroids, and anti-VEGF compounds. He is also active in the development of drug delivery systems for the posterior segment through collaborative work with the Department of Biomedical Engineering at UC Irvine. Dr Kuppermann has been extensively involved in the design and conduct of large-scale multicenter clinical drug trials and has served as the national lead investigator on several large scale trials, as well as a member of the Data Safety and Monitoring Board of a number of multicenter trials. He has been the Principal Investigator on many multicenter national trials evaluating new drugs and devices for the treatment of diabetic retinopathy, AMD, retinal vein occlusion, and vitreomacular traction. In addition, Dr Kuppermann has extensive research collaborations with pharmaceutical and biotechnology companies, serving as a consultant and member of the scientific advisory board for a variety of companies. He also serves on the editorial boards of *Retina*, *Retina Today*, *Brazilian Archives of Ophthalmology*, and *Brazilian Journal of Ophthalmology*, and has been a peer reviewer for the *American Journal of Ophthalmology*, *Archives of Ophthalmology*, *Investigative Ophthalmology and Visual Science*, *Ophthalmology*, *Retina*, *Survey of Ophthalmology*, *Journal of Infectious Diseases*, and *Lancet*.