

**John Ladas, MD, PhD**

## **SELECTED PRESENTATIONS**

- June, 2021                      UCLA Ophthalmology Annual Seminar  
Thomas H. Pettit Memorial Lecture  
IOL Calculation Formulas: Past, Present & Future
- October, 2019                      Artificial Intelligence in Ophthalmology  
AAO Spotlight Session  
San Francisco, CA
- September, 2019                      Artificial Intelligence and Big Data in IOL Calculations  
Invited Talk at ESCRS  
Paris, France
- January, 2019                      IOL Calculations  
Grand Rounds, Georgetown University Medical Center  
Washington DC

## **SELECTED PUBLICATIONS**

- Ladas J, Ladas D, Lin SR, Devgan U, Siddiqui AA, Jun AS. Improvement of Multiple Generations of Intraocular Lens Calculation Formulae with a Novel Approach Using Artificial Intelligence. *Trans Vis SciTech*. 2021;10(3):7.
- Ladas JG, Siddiqui AA, Devgan U, et al. A 3-D 'Super surface' Combining Modern Intraocular Lens Formulas to Generate a 'Super formula' and Maximize Accuracy. *JAMA Ophthalmol*. 2015;133:1431-1436.
- Ladas JG, Siddiqui AA. Using AI in IOL calculations. *Ophthalmology Management*. 2018; 22:36-38.
- Siddiqui AA, Ladas JG, Lee JK. Artificial Intelligence in Cornea, Refractive and Cataract Surgery. *Current Opinion in Ophthalmology*. 2020;31 (4), 253-260, 2020

## **SELECTED BOOK CHAPTERS**

- Ladas J, Lin S. Artificial Intelligence in Calculating IOL Power. In: Grzybowski, A. (ed) *Artificial Intelligence in Ophthalmology*. Springer. *In Press*.
- Wang KM, Jun AS, Ladas JG, Devgan U. (2020) Phacoemulsification: Principles and Techniques. In: Albert D., Miller J., Azar D., Young L.H. (eds) *Albert and Jakobiec's Principles and Practice of Ophthalmology*. Springer, Cham.