

## SHORT BIOGRAPHY

### **Daniela Ferrara, MD MSc PhD**

Assistant Professor of Ophthalmology  
Tufts University School of Medicine  
Boston, USA

Daniela Ferrara, MD MSc PhD is an ophthalmologist and retina specialist, board-certified by the Brazilian Council of Ophthalmology and the Regional Council of Medicine in Brazil. Daniela received her medical degree *summa cum laude* from Federal University of Rio de Janeiro, Brazil, while conducting laboratory research on macromolecular metabolism at the Biophysics Institute. She completed a surgical internship and ophthalmology residency, followed by a Master's Degree in Ophthalmology with experimental research on vision electrophysiology at the same University. She completed her training at University of Sao Paulo, Brazil, achieving a Ph.D. in Visual Sciences with research on multimodal imaging of the retina. Daniela completed a research fellowship in Medical Retina at the Manhattan Eye, Ear & Throat Hospital affiliated with New York University in 2008, working for many years on multimodal imaging analysis for clinical trials on retinal diseases, before she started her current faculty and industry roles.

In 2012, Daniela joined Tufts University School of Medicine, in Boston, as Assistant Professor of Ophthalmology. Her major research interests include multimodal imaging of the retina and choroid; with a special focus on new technologies in optical coherence tomography for degenerative, vascular, and dystrophic diseases, including retinal imaging reading center activities.

In 2014, Daniela joined Roche; an innovative biotech company dedicated to address major unmet needs in ophthalmology and visual threatening disease of the retina. Daniela currently serves as Senior Medical Director in Clinical Science Ophthalmology. Focusing on design, conduct and interpretation of clinical trials, her major role sits on late-stage drug development, with phase III and IV clinical trials, while she also supports early-stage clinical development with phase I and II clinical trials. At Roche, Daniela is also leading the development program on innovative strategies to enable personalized health care, based on the use of artificial intelligence for key activities in drug development, treatment decisions and patient care.

Dr. Ferrara also supports ophthalmological and scientific societies. She serves as a Member for the Ethics and Regulations in Human Research Committee for the Association for Research in Vision and Ophthalmology (ARVO) and as Fellowship Program Committee Member for the American Society of Retina Specialists (ASRS), among others leadership roles.

Dr. Ferrara has authored numerous peer-reviewed publications and book chapters, serves on the editorial boards for several ophthalmology journals, and is an active member of the American Academy of Ophthalmology (AAO), ASRS, ARVO and other medical professional societies.

With an international professional trajectory in patient care and clinical research, Dr. Ferrara brings together translational research and clinical expertise to develop new therapies for visual threatening diseases.