

Intersection of Science, Technology and Medicine

Serge de Bustros**Department of Ophthalmology, Rush University Medical Center Chicago, Illinois, USA****Corresponding author:** Serge de Bustros, Department of Ophthalmology, Rush University Medical Center Chicago, Illinois, USA, Tel: (708) 647-9211; **E-mail:** sdebustros@illinoisretina.com**Received date:** 13 Jun 2017; **Accepted date:** 28 Jun 2017; **Published date:** 03 Jul 2017.**Citation:** de Bustros S (2017) Intersection of Science, Technology and Medicine. J Ophthalmic Stud 1(1): doi <http://dx.doi.org/10.16966/2639-152X.101>**Copyright:** © 2017 de Bustros S. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Over the past decade, the progress in science, technology and medicine has been breathtaking. The digital industrial revolution is transforming the way we live, work and communicates; “biologics” and promising novel molecular biology techniques are having a profound effect on health and disease. The field of ophthalmology and retina is following this general trend; a good example is the development and commercialization of a new class of biological products based on blocking the effects of vascular endothelial growth factors (anti-VEGF); these agents are helping preserve and restore sight in countless patients suffering from retinal disorders involving angiogenesis such as diabetic retinopathy and age-related macular degeneration, two leading causes of visual impairment and visual

loss. Several questions about anti-VEGF agents remain unanswered such as individualized treatment protocols and duration of treatment; on-going research is investigating more effective agents, combination therapy and longer-acting delivery systems in order to decrease treatment burden on patients and health care systems. The introduction of a new on-line publication, The Journal of Ophthalmic Studies, is timely: it provides an effective and practical vehicle for the rapid dissemination of new information to build on and transform acquired knowledge; a peer review process insures the quality of the material. It is our hope that you will find this on-line scientific journal interesting, informative and useful in the “real world”; we invite you to participate in its success.