



Journal of Diabetes Research

Special Issue on
**Advanced Multidisciplinary Approaches for
Controlling Diabetic Eye Diseases**

CALL FOR PAPERS

Diabetes mellitus has been long recognized to be a complex and heterogeneous disorder that carries a significant mortality despite intensive modern therapy. A key goal of diabetes treatment is to prevent complications because, over time, diabetes can damage the heart, blood vessels, eyes, kidneys, and nerves, although the person may not know damage is taking place. Damage to the eye is the most feared complication of diabetes bringing about the progression of many eye diseases, including diabetic retinopathy, glaucoma, and cataract. Optimal care begins with early and precise diagnosis. When complications are identified, patients must be managed properly to prevent further progression of the condition. Ideally, the management involves the coordination of several disciplines, with different services, including the primary care physician, endocrinologist/diabetologist, nephrologist, ophthalmologist, vascular surgeon, diabetes educator/dietician, and social worker. As such, advances in successful management of diabetic-associated eye diseases are only achieved through interdisciplinary research across areas of basic science, translational research, clinical science, bioinformatics, health care delivery, and psychosocial support. Therefore, it is the time of bridging the gap between these disciplines to develop integrated and effective multidisciplinary approaches to the prevention and treatment of diabetes-related ocular complications.

This special issue is designed to attract state-of-the-art reviews and original research articles covering outstanding research from the eminent scientists working in one or more of the aforementioned fields. We are particularly interested in articles describing the new modalities for detection and clinical characterization of diabetic patients with retinopathy, cataract, or glaucoma; new insights into their pathogenesis using animal models; current concepts in their treatment using natural product, nutritional, molecular, siRNA, stem cells, and gene therapy strategies.

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/jdr/mcd/>.

Lead Guest Editor

Ahmed Ibrahim, Georgia Regents University, Augusta, USA
ahibrahim@gru.edu

Guest Editors

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faridbadria@yahoo.com

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amtawfik@gru.edu

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atokoy18@asahikawa-med.ac.jp

Mohamed A. Saleh, Vanderbilt University Medical Center, Nashville, USA
mohamed.a.saleh@vanderbilt.edu

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