



Technologies for Objective Assessment of Dry Eye Disease

Guest Editors:

Dr. Alberto López-Miguel

1. Instituto de Oftalmobiología Aplicada, Universidad de Valladolid, 47002 Valladolid, Spain

2. Red Temática de Investigación Colaborativa en Oftalmología, Instituto de Salud Carlos III, 28220 Madrid, Spain

Dr. Itziar Fernández Martínez

Instituto de Oftalmobiología Aplicada, Universidad de Valladolid, Valladolid, Spain
Department of Statistics and Operative Research, University of Valladolid, Valladolid, Spain

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closed (30 August 2022)

Message from the Guest Editors

Dear Colleagues,

Dry eye disease (DED) is a multifactorial condition of the lacrimal functional unit causing loss of homeostasis of the tear film, which is usually accompanied by symptoms. During the last two decades, most of clinical trials failed to get regulatory approval. The TFOS DEWS II Clinical Trial Design Report stated that the main reason could be the lack of correlation between DED signs and symptoms. Thus, choosing an appropriate primary endpoint is essential for success. However, inherent variability is associated with most of the common DED signs because they are usually evaluated by an observer.

This Special Issue will address the current scientific developments carried out to increase the reliability of the clinical signs assessing DED. Papers are invited that investigate new or previous technology to increase the reliability of DED clinical signs. Topics of interest include the following: studies on image analysis of the DED signs commonly observed in the ocular surface, lids, and Meibomian glands; studies on the application of technology, either commonly used in ophthalmic settings or not, to describe clinical signs that could be used to objectively assess DED.





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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

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MDPI, Grosspeteranlage 5
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