

# Special Issue

## Ocular Biomechanics

### Message from the Guest Editors

The evaluation of ocular biomechanics, over the last two decades, has led to improved understanding of pathologies affecting the anterior and posterior segments of the eye. However, the accurate evaluation of corneal biomechanics and the biomechanical effect of CXL and intracorneal ring implantation is highly desirable as a necessary pre-requisite for the optimization of these treatment regimes. Ocular biomechanics are also important in the field of glaucoma. A number of studies have shown that biomechanics are associated with progressive visual field loss in certain forms of glaucoma. In this Special Issue, we aim to gather together high-quality articles mainly focused on the assessment of ocular biomechanics and their effect on the development and progression of ocular diseases. We are particularly interested in articles focused on the evaluation of corneal biomechanics in vivo, and the role they play in the progression of glaucoma, keratoconus and other forms of ectasia.

### Guest Editors

Prof. Ahmed Elsheikh

1. School of Engineering, University of Liverpool, Liverpool L69 3GH, UK
2. NIHR Biomedical Research Centre for Ophthalmology, Moorfields Eye Hospital NHS Foundation Trust and UCL Institute of Ophthalmology, London EC1V 2PD, UK
3. School of Biological Science and Biomedical Engineering, Beihang University, Beijing 100083, China

Dr. Riccardo Vinciguerra

1. St. Paul's Eye Unit, Royal Liverpool University Hospital, Liverpool L7 8XP, UK
2. School of Engineering, University of Liverpool, Liverpool L69 3GH, UK
3. Instituto Universitario Fernandez Vega, 33012 Oviedo, Spain

### Deadline for manuscript submissions

closed (30 September 2019)



## International Journal of Environmental Research and Public Health

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CiteScore 8.5  
Indexed in PubMed



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*International Journal of  
Environmental Research and  
Public Health*

Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijerph@mdpi.com](mailto:ijerph@mdpi.com)

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Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

*IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

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### Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health Disparities Research and Innovation,  
Richard N. Dixon Research Center, Morgan State University, Baltimore,  
MD 21251, USA

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