



Journal of
**Personalized
Medicine**



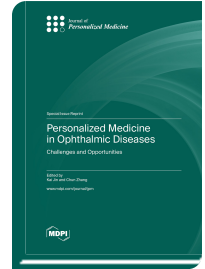
Special Issue Reprint

Personalized Medicine in Ophthalmic Diseases: Challenges and Opportunities

www.mdpi.com/books/reprint/7533

Edited by
Kai Jin
Chun Zhang

ISBN 978-3-0365-8020-3 (Hardback)
ISBN 978-3-0365-8021-0 (PDF)



This reprint focuses on personalized medicine in ophthalmic diseases, their challenges and opportunities, which often involves methods to achieve personalized diagnosis and treatment of ophthalmic diseases. Personalized medicine is a broadly used term to encompass approaches used to tailor healthcare to the needs of individual patients. It has been early adopted in ophthalmology and is mainly achieved through disease stratification and individualization. Therefore, diagnostic techniques that can realize comprehensive individual assessment are very important. Previous studies have put forward techniques such as next-generation sequencing and translational research. Gene therapy-based treatment trials have been presented for ophthalmic diseases such as retinitis pigmentosa and age-related macular degeneration. Recently, with the rapid development of artificial intelligence and interdisciplinary collaboration, concepts such as machine learning and wearable devices have been frequently discussed in ophthalmic research. There might be new promising methods to realize personalized ophthalmology.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/7533

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.