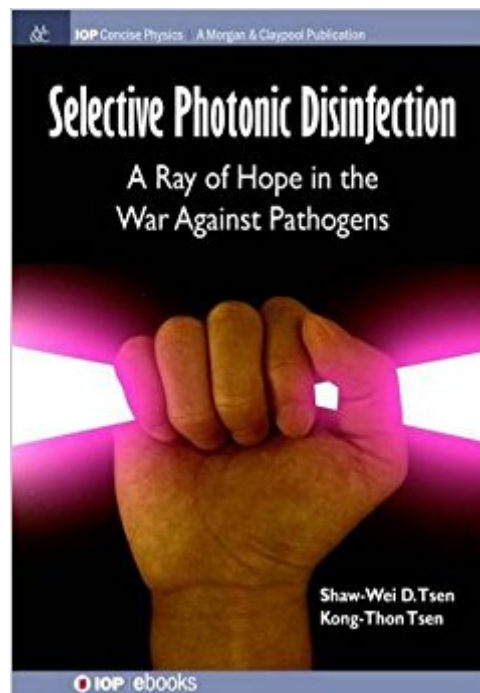The book was found

Selective Photonic Disinfection: A Ray Of Hope In The War Against Pathogens (IOP Concise Physics)

Synopsis

Pathogens such as viruses and bacteria are among the greatest threats to human health worldwide. In today's era of population growth and international travel, new technologies are desperately needed to combat the spread of known and emerging pathogens. This book presents a new concept for pathogen inactivation called selective photonic disinfection (SEPHODIS). The SEPHODIS technology inactivates pathogens by mechanical means, a total paradigm shift from traditional chemical and physical methods. The unique strength of SEPHODIS resides in its capability to inactivate pathogens while preserving desirable materials such as human cells and proteins. The technology also avoids the need to use chemicals, drastically reducing the risk of side effects. These properties make SEPHODIS ideal for important biomedical applications such as safeguarding blood products and therapeutics against pathogens, as well as producing effective and safe vaccines to combat infectious disease. Written in a style that is both technically informative and easy to comprehend for the layman reader, this book illustrates the story of SEPHODIS from its initial discovery and bench studies to its real-world applications.

Book Information

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As a medical professional, I™m very interested in new treatments for infection. This was a fun and fascinating read | an invention that could save lives

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