

High-Intensity Narrow-Wavelength Light Disinfection



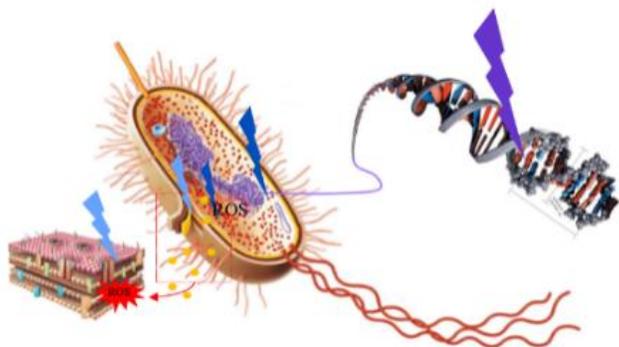
Technology

A new light disinfection technology based on asynchronous, intermittent lighting that uses high-intensity, narrow-wavelength light sources for rapid microbial disinfection. When compared with synchronous light, intermittent light exposure can cause a significant decrease in the inflammatory reaction of the human epidermis, which provides a safe method for hard surface disinfection.



Potential Applications

The device can be used for mobile, automatic or on-site surface disinfection of many items used in laboratory facilities, public infrastructure and households, including biological safety cabinets, medical instruments, handrails, touch panels, bathroom items and toys.



Talk to Us

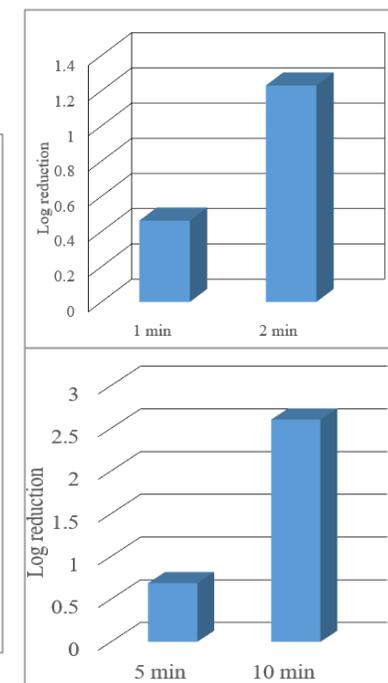
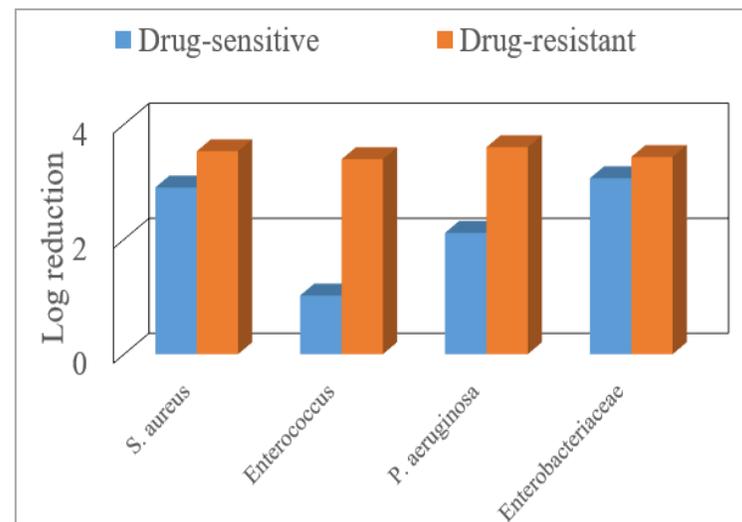
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Advantages

- Rapid inactivation of microorganisms
- Effective against a wide spectrum of microorganisms
- Energy saving
- Asynchronous intermittent lighting
- Safe for humans and animals
- Compact design for diverse application



Intellectual Properties

US Application No. 16/843279

Chinese Application No. CN111511409A

