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Advanced Biophotonics Technology for Therapeutic and Surgical Applications

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Message from the Guest Editors

The Special Issue Advanced Biophotonics Technology for Therapeutic and Surgical Applications contains contributing and invited papers that represent the latest developments in biophotonics technology and sciences for applications in a wide range of therapeutics and surgery. This Special Issue will highlight the trend in light therapy, laser surgery, advanced optical image-guided surgical techniques, and other significant advances in biophotonics technology that enable advanced therapeutics and surgeries. These technologies are being applied in a wide range of clinical fields, including ophthalmology, neurosurgery, otorhinolaryngology, dermatology, oncology, pediatric surgery, etc. A wide range of advanced optical imaging techniques that provide high-resolution structure images along with their functional information has been developed. These techniques are finding their ways into surgical applications to enable clinicians to perform their surgical tasks precisely and safely.

Deadline for manuscript submissions:
30 September 2018

mdpi.com/si/13082

Special Issue