

## Special Issue

# Application of Hyperspectral Imaging in Health and Disease

### Message from the Guest Editor

Hyperspectral imaging (HSI) is an emerging non-invasive imaging medical technique. HSI provides an evaluation of intrinsic biochemical tissue characteristics based on tissue–light interactions and enables novel diagnostic approaches in diverse medical disciplines. Research in the fields of wound care, surgery, and intensive care indicates the potential of HSI to answer so far unresolved questions in patient care. Despite this increasing interest, clinical trials to demonstrate improvements in patient outcome due to medical HSI applications are limited. However, ongoing advances in imaging technology and computer science could make HSI a future imaging modality for synergistic diagnostic and therapeutic improvements in perioperative as well as critical care medicine. This Special Issue aims to publish high-quality original research, including case reports, reviews, and short communications, concerning up-to-date medical applications of hyperspectral imaging. We welcome translational research to provide readers with information about current limitations and possible future directions in medical hyperspectral imaging.

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### Guest Editor

Dr. Karsten Schmidt

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### Deadline for manuscript submissions

closed (15 September 2023)



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Impact Factor 3.7  
CiteScore 5.3  
Indexed in PubMed



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### Editor-in-Chief

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