

Special Issue

Spectroscopy in Biology and Medicine

Message from the Guest Editor

Spectroscopic methods are rapidly developing and are successfully applied in different fields. A novel field of application of these methods is clinical diagnostics. Mass spectroscopy has been recently approved for routine clinical diagnostic use. Several other spectroscopy methods as Raman and Infrared spectroscopy, SERS and CARS have been introduced for clinical application in several fields as is sepsis diagnosis, microbiological applications as pathogen identification and detection of antimicrobial resistance as well as in the field of cancer. Spectroscopic techniques have been combined with other methods as are biosensors using specific labels as well as with label free-approaches and shown great potential to be developed for clinical diagnostic use. This special issue aims to provide inside in the ongoing research and novel biomedical applications of spectroscopic techniques in the field of clinical diagnostics.

Guest Editor

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