



## Advanced Materials for Biophotonics Applications

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### Message from the Guest Editors

Biophotonics is a science about how light reacts with biological objects such as tissues, cells, and organisms. Recently, new materials have been playing a big role in the discovery of new aspects of biophotonics. It can be observed that progress in material science has a strong impact on the recent progress in biophotonics. Thanks to the application of new materials, new biosensors, imaging systems, and measurement assays can be delivered. Another group of materials used in biophotonics research is bio-mimicking materials, which are still growing and give us better phantoms of tissues each time.

Furthermore, it has recently become possible to make a group of materials which were inspired by biology. Thanks to these materials, we have bio-inspired photonics with new optical devices and solutions.

The connection between biophotonics and materials is strong, and we can observe that both biophotonics and materials have inspired each other, which can lead only to new solutions, bringing science and people a better understanding of nature.





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## Message from the Editor-in-Chief

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