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Nanoprobes for Imaging

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

Currently, the usage of nanoprobes and nanoparticles (NP) is increasing significantly as they are integrated into various fields of research and technology involving medical treatment, such as drug delivery or ablation and photo thermal therapy, or for sensing and imaging.

In this Special Issue, we aim to collect cutting-edge scientific papers dealing with the fabrication, syntheses of the NPs, as well as their usage and implementation in various fields of optical imaging, including microscopy and nanoscopy, super resolution, fluorescent imaging, photoacoustic imaging, and molecular imaging. We also wish to receive papers involving usage of NPs in sensors, in which those nanostructures, e.g., yield surface enhanced effects, such as surface enhanced Raman scattering and surface enhanced fluorescence.

Prof. Dr. Zeev Zalevsky

Guest Editor



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Special Issue



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