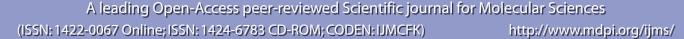
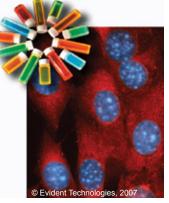
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The introduction of Quantum Dots for research purposes has significantly contributed to our understanding of various fundamental questions and phenomena in Biomedicine and Life Sciences and comprises a rapidly developing field of science. Novel synthesis methods have provided a wide spectrum of Quantum Dots and related Nano-crystals and are now utilized in various biomedical applications, such as fluorescence microscopy, correlation spectroscopy, single-cell biochemistry, flow cytometry, DNA and protein arrays, immunoassays, cyto- and histochemistry, in situ hybridization, PCR, and Drug screening in a high throughput setting.

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