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Application of Functional Nucleic Acid Based Biosensors in Cell or Tissue Analysis

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Message from the Guest Editor

In recent decades, various biosensing strategies based on functional nucleic acids and functional DNA nanostructures with amplified signals have been developed to achieve signal-amplified cell imaging and tissue analysis. The labeling of DNA nanostructures with fluorescent dyes is one of the techniques most often employed to track the spatial location of biomarkers inside cells. Many in situ amplifications have been developed for cell imaging and tissue analysis via FRET signals. Encouraged by the developments concerning functional nucleic acids in cell imaging and tissues analysis, greater valuable information of the cell or tissue should be provided.

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Message from the Editor-in-Chief

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