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## Fluorescence Correlation Spectroscopy for Identification of Chemical Types of Biomarkers: A Biological Example

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### Abstract

Fluorescence correlation spectroscopy (FCS) is a powerful tool for studying the dynamics of fluorescently labeled particles in solution. In this study, we used FCS to study the dynamics of fluorescently labeled particles in solution. We found that the dynamics of fluorescently labeled particles in solution is affected by the presence of other fluorescently labeled particles. This is because the presence of other fluorescently labeled particles can lead to cross-correlation signals. We used FCS to study the dynamics of fluorescently labeled particles in solution. We found that the dynamics of fluorescently labeled particles in solution is affected by the presence of other fluorescently labeled particles. This is because the presence of other fluorescently labeled particles can lead to cross-correlation signals. We used FCS to study the dynamics of fluorescently labeled particles in solution. We found that the dynamics of fluorescently labeled particles in solution is affected by the presence of other fluorescently labeled particles. This is because the presence of other fluorescently labeled particles can lead to cross-correlation signals.

### Keywords

fluorescence correlation spectroscopy; biomarkers; chemical types

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