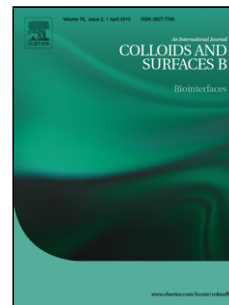


Accepted Manuscript

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Authors: Tom Felbeck, Sebastian Moss, Alexandre M.P. Botas, Marina M. Lezhnina, Rute A.S. Ferreira, Luís D. Carlos, Ulrich H. Kynast



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Statistical summary

Words: 5.305 (without Literature)

Words with Literature: 7.132

Figures: 6 (1 multiple-panel, 5 two-panel)

Table: 1

Monitoring of Nanoclay–Protein Adsorption Isotherms via Fluorescence Techniques

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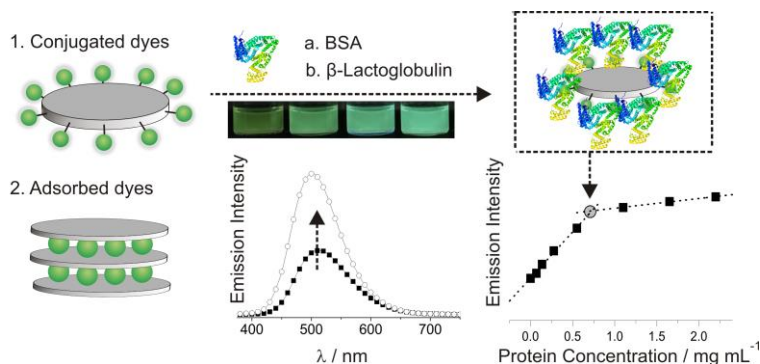
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Graphical abstract



Highlights

- Adsorbed and covalently bound, hydrophobic dyes on nanoclays are compared.
- Protein-nanoclay interactions are characterized by co-adsorbed fluorophores.
- The formation of a protein monolayer can be monitored via fluorescence.
- Aqueous nanoclay-dye-protein dispersions are optically transparent.
- The associates persist far beyond the isoelectric points of proteins.

Abstract

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