

Electronic supplementary materials *Mendeleev Commun.*, 2024, **34**, 421–423

**Detection of green fluorescence in serum albumin upon excitation
with 375 nm light: revealing new fluorescent properties**

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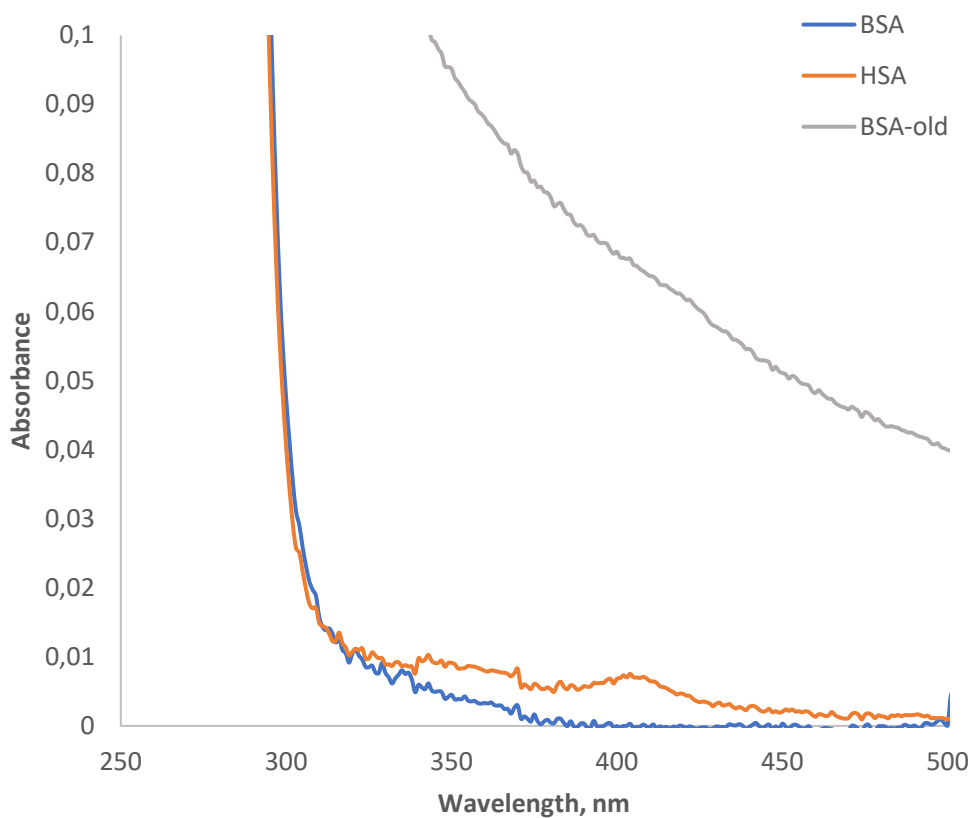
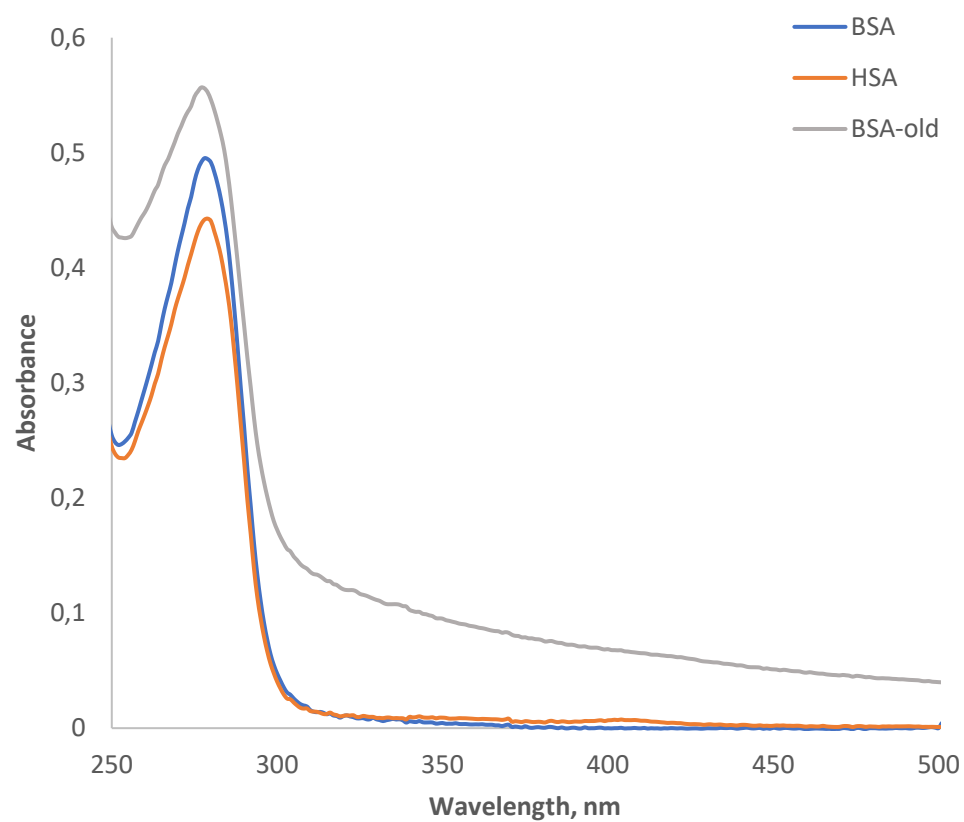


Figure S1. UV-Vis spectra of fresh and old solutions of BSA 0.08 (wt%) and fresh solution of HSA (0.08 wt%) in PBS.

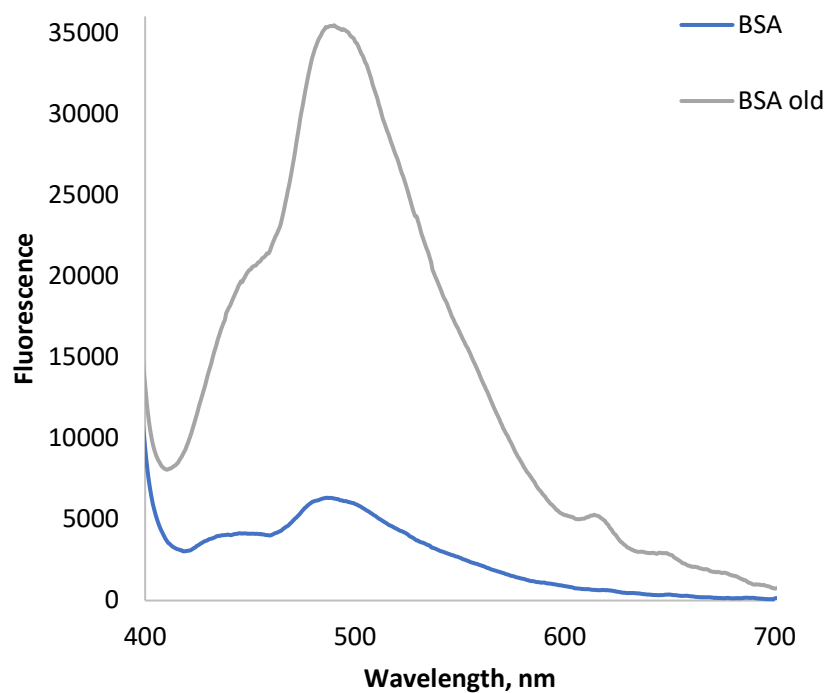


Figure S2. Fluorescence spectra of fresh and old solutions of BSA (0.08 wt%) in PBS at $\lambda_{\text{ex}}=375$ nm.

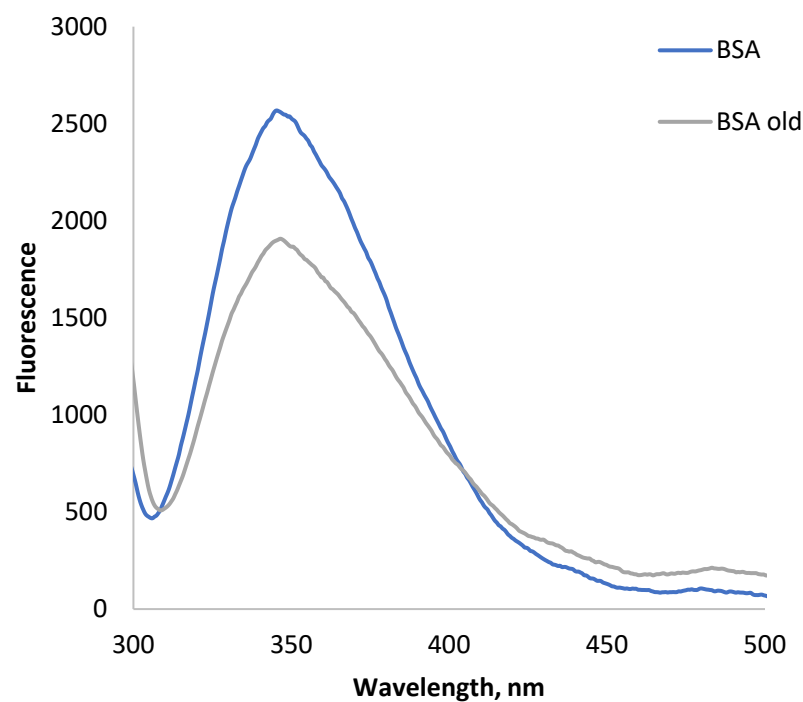


Figure S3. Fluorescence spectra of fresh and old solutions of BSA (0.08 wt%) in PBS at $\lambda_{\text{ex}}=295$ nm.

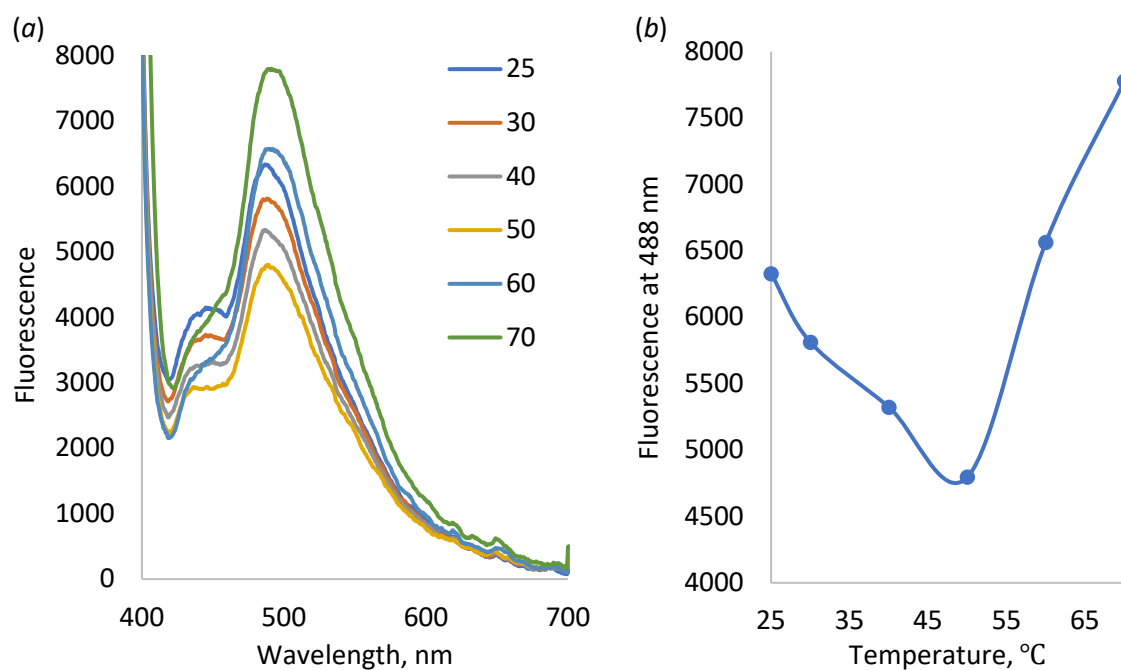


Figure S4. (a) Fluorescence spectra of BSA solutions (0.08 wt%) in PBS at $\lambda_{\text{ex}}=375$ nm with heating. (b) The value of the maximum fluorescence (488 nm) of BSA upon heating.