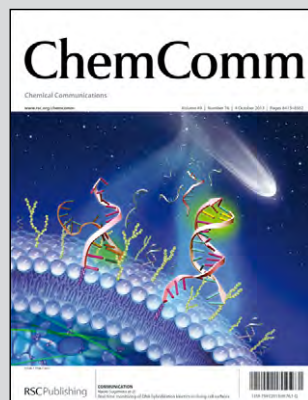


Showcasing research from the Takeuchi Laboratory,
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**Molecularly imprinted polymers prepared using
protein-conjugated cleavable monomers followed by site-specific
post-imprinting introduction of fluorescent reporter molecules**

Molecularly imprinted polymers were prepared using a protein-conjugated disulfide cleavable monomer. After removing the protein by disulfide reduction, a thiol-reactive fluorophore was introduced into the thiol residue located only inside the imprinted cavity, resulting that the binding events were able to be specifically transduced into fluorescence spectral change.

As featured in:



See Toshifumi Takeuchi *et al.*,
Chem. Commun., 2013, **49**, 8450.