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# A novel electrochemical chiral sensor for tyrosine isomers based on a coordination-driven self-assembly

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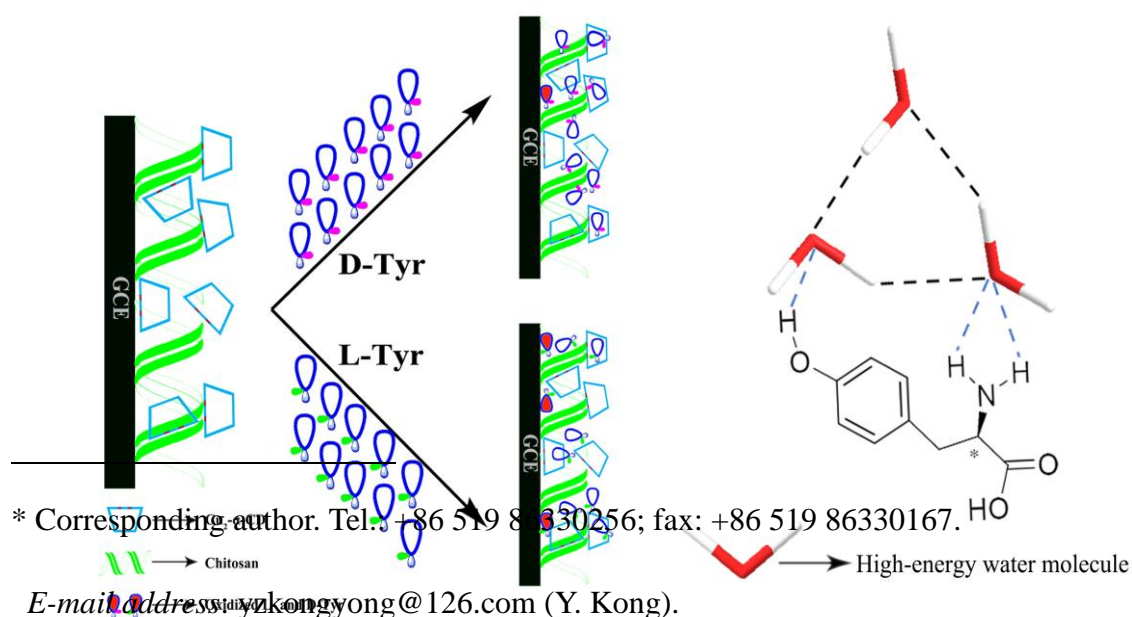
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## Graphical abstract

$\alpha$ -CD based electrochemical sensing device is proposed for chiral recognition for the first time. L- and D-Tyr can be successfully resolved with the coordination-driven self-assembly composed of  $\text{Cu}_2$ - $\alpha$ -CD and CS, resulting in discernable electrochemical differences in both peak currents and peak potentials.



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