



Introducing the concept of the glycan-based diagnostic devices, contributed by Sheng-Kai Wang from the Department of Chemistry and Chao-Min Cheng from the Institute of Biomedical Engineering at National Tsing Hua University in Taiwan.

Glycan-based diagnostic devices: current progress, challenges and perspectives

Glycans play important roles in many diseases and have become promising biomarkers for diagnosis. Successful glycan-based diagnostic devices would require recognition of target carbohydrate for specificity and sophisticated device design to increase sensitivity. Recent examples are provided to address strategies from both aspects.

As featured in:



See Sheng-Kai Wang and Chao-Min Cheng, *Chem. Commun.*, 2015, 51, 16750.



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