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A fluorescent molecular sensor ...

... can mimic the function of optical cross-reactive sensor arrays. In their Communication on page 12477 ff., D. Margulies et al. show how a series of nonspecific, fluorescent receptors can be “arrayed” on a single molecular platform. The resulting analytical device can generate unique optical fingerprints for different medications, as well as analyze drug combinations and concentrations in human urine in a high-throughput manner.

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