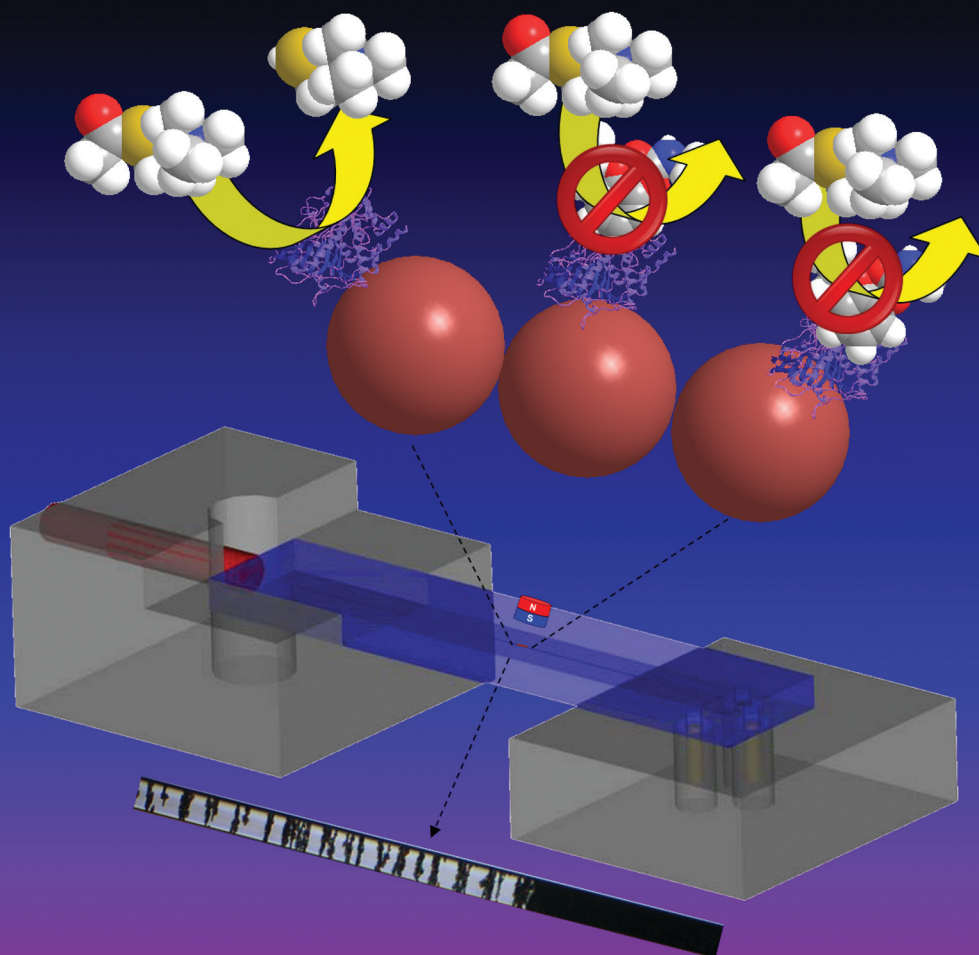




Featuring research from the Sensors and Biosensors Group, Universitat Autònoma de Barcelona, Spain; Biomaterials Center and International Center for Materials Nanoarchitectonics, National Institute for Materials Science, Japan and ICREA & Nanobioelectronics and Biosensors Group, CIN2 (ICN-CSIC), Bellaterra, Spain.

Title: Lab-on-a-chip for ultrasensitive detection of carbofuran by enzymatic inhibition with replacement of enzyme using magnetic beads

Coupling of an enzymatic magnetobioreactor with on-chip amperometric detection can lead to extremely low limits of detection in the determination of carbofuran and other toxic substances by enzymatic inhibition.

As featured in:



See Arben Merkoçi *et al.*, *Lab Chip*, 2009, **9**, 213–218.

RSC Publishing

www.rsc.org

Registered Charity Number 207890