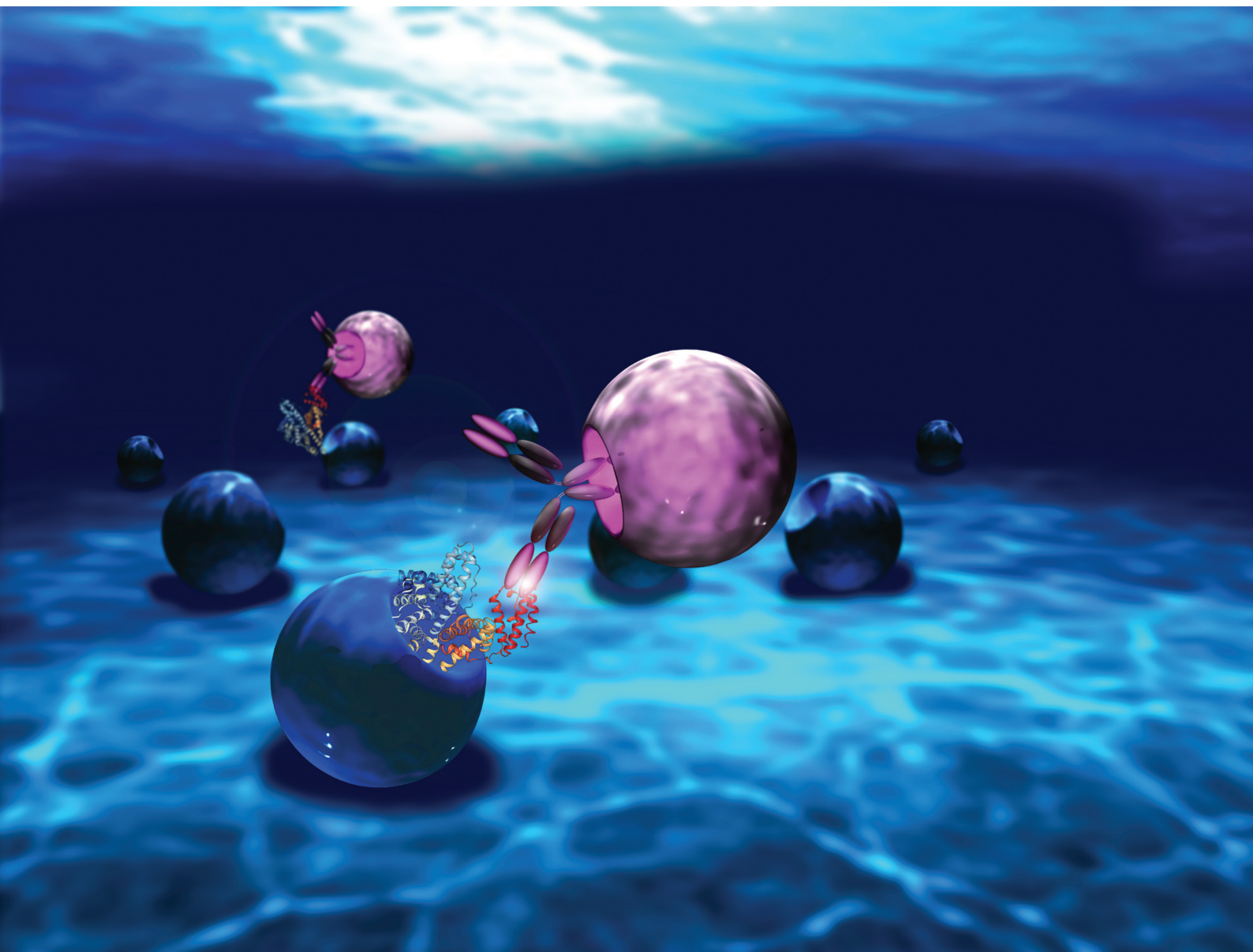


# Nanoscale

rsc.li/nanoscale



ISSN 2040-3372

**PAPER**

Hirobumi Sunayama, Toshifumi Takeuchi *et al.*  
A rapid abiotic/biotic hybrid sandwich detection for trace  
pork adulteration in halal meat extract