



Featuring work from the King and Bashir groups at the University of Illinois Urbana-Champaign and the work of Advanced Diamond Technologies.

**Title:** Rapid thermal lysis of cells using silicon–diamond microcantilever heaters

Rapid lysis of single cells and bacteria is demonstrated using local heating from silicon–diamond microcantilevers with integrated solid state resistive heaters.

As featured in:



See Bashir, King *et al.*, *Lab Chip*, 2010,  
**10**, 1135–1141