

## Rapid Antibiotic Sensitivities Using Micro-Cantilevers

### **Disclosure Number**

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### **Technology Summary**

Rapid determination of antibiotic susceptibilities is expedient for homeland security and the medical care industry. The present invention is a device will allow determination of the antibiotic sensitivities for bacterial pathogens. The device utilizes the well-known microcantilever technology developed at ORNL. The invention requires only micro-amounts of the bacteria and can determine sensitivities in a few hours.

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