MiMiC™
Microfluidics for Migration of Cells Assay

- Prostate/breast/kidney/lung cancers
- Time-lapsed cell migration study tool
- Metastasis biomarker identification
- Personalized smart chemotherapy

JC Chiao • http://www.uta.edu/faculty/jcchiao/ • University of Texas – Arlington • 2013 • jcchiao@uta.edu
BEST™ for GERD symptom monitoring

BEST™: Batteryless Endoluminal Sensing Telemeter

Data log

External transceiver
Batteryless wirelessly-powered gastrostimulator to manage gastroparesis
Integrated wireless neuronal sensor and stimulator system to optimize chronic pain inhibition.
Flexible pH Sensor and Smart Sensing RFID

Nanoscale materials on flexible substrates for electrical sensing in biomedical applications