

Development of a Lab-on-a-Chip for the Characterization of Human Cells

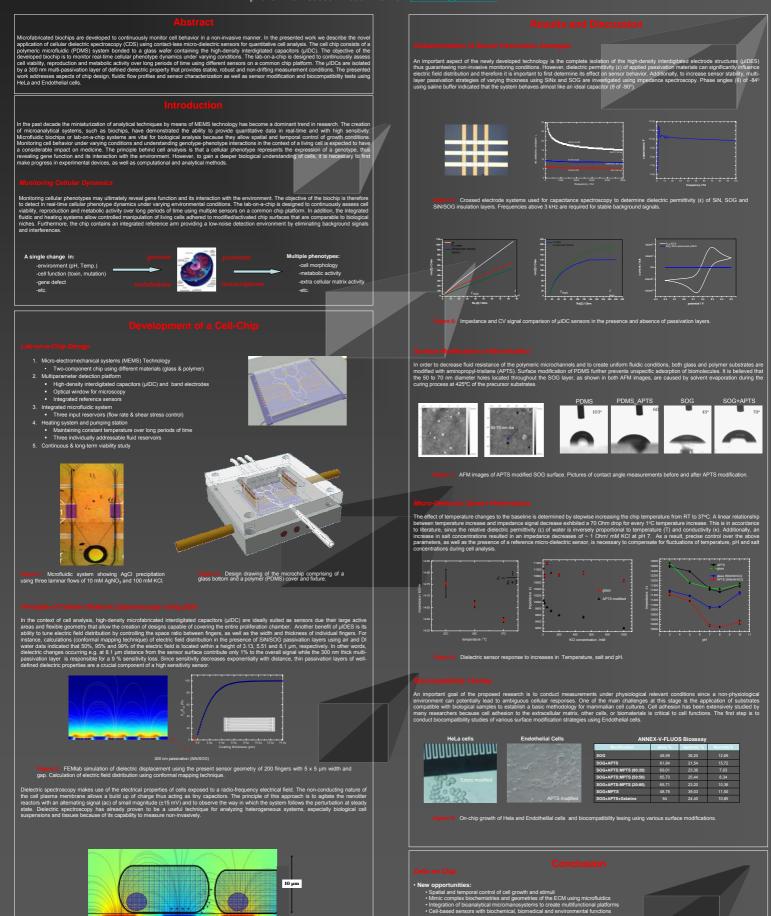


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FEMIab simulation of electric potential distribution using the present sensor geometry.

10 µm

- Culturing cells in-vitro is one of the corner stones of modern biolog
 Robust instrumentation or portable point-of-care devices
 - Rapid information on cellular responses
 Cost offertive
 - Handling of nL volumes, power consumption, fabrication, ease of operation, packaging