Biomedical Microdevices Laboratory

Research Description:
The research in the Biomedical Microdevices Laboratory is focused on gaining a better understanding of the mechanics of blood flow and of the traffic of circulating cells in networks of microvessels using microfluidic devices and systems. Additionally, we develop microfluidic devices for testing the mechanical properties of blood cells and other circulating cells and lab-on-a-chip technology for separating sub-populations of blood cells and rare circulating cells from small samples of whole blood for point-of-care diagnostics and other clinical applications.

Sergey S. Shevkoplyas
Assistant Professor
The Ken and Ruth Arnold Early Career Professor in Biomedical Engineering
shevkop@tulane.edu
(504) 314-2940
Tulane University
624 Lindy Boggs Building
New Orleans, LA 70118

Sample Publications:

Funding Support:
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For More Information:
http://tulane.edu/sse/bme/
or e-mail:
shevkop@tulane.edu