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Battelle Number(s):

13549

Patent(s) Issued

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Available Technologies

MALDI Spot Focusing Method

SUMMARY

This invention enables Matrix Assisted Laser Desorption/Ionization (MALDI) at a submicron spot size. By focusing the MALDI ionization beam using a confocal microscopic objective, the technique allows one to ionize and image a sample with much higher spatial resolution than previously possible.

The higher spatial resolution afforded by the technique is thought to be of value in many biological analytical applications, particularly those involving microbial populations.

Patents & Intellectual Property

» Patent #: 6,680,477

Technology Portfolio(s)

» Mass Spectrometry Instrumentation

Potential Industry Applications

» Computers & Electronics

» Healthcare, Pharma, Biotech & Medical

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