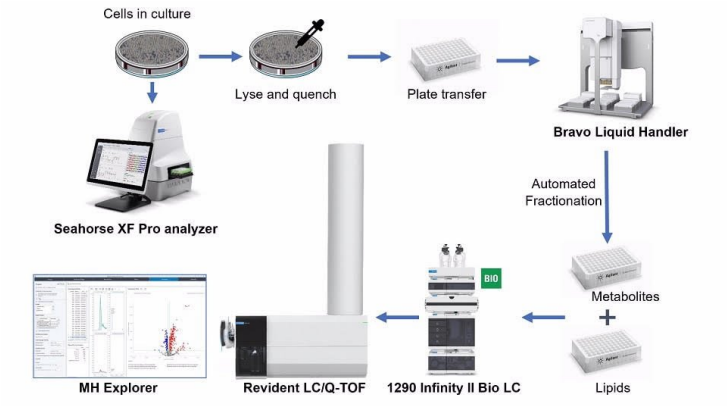
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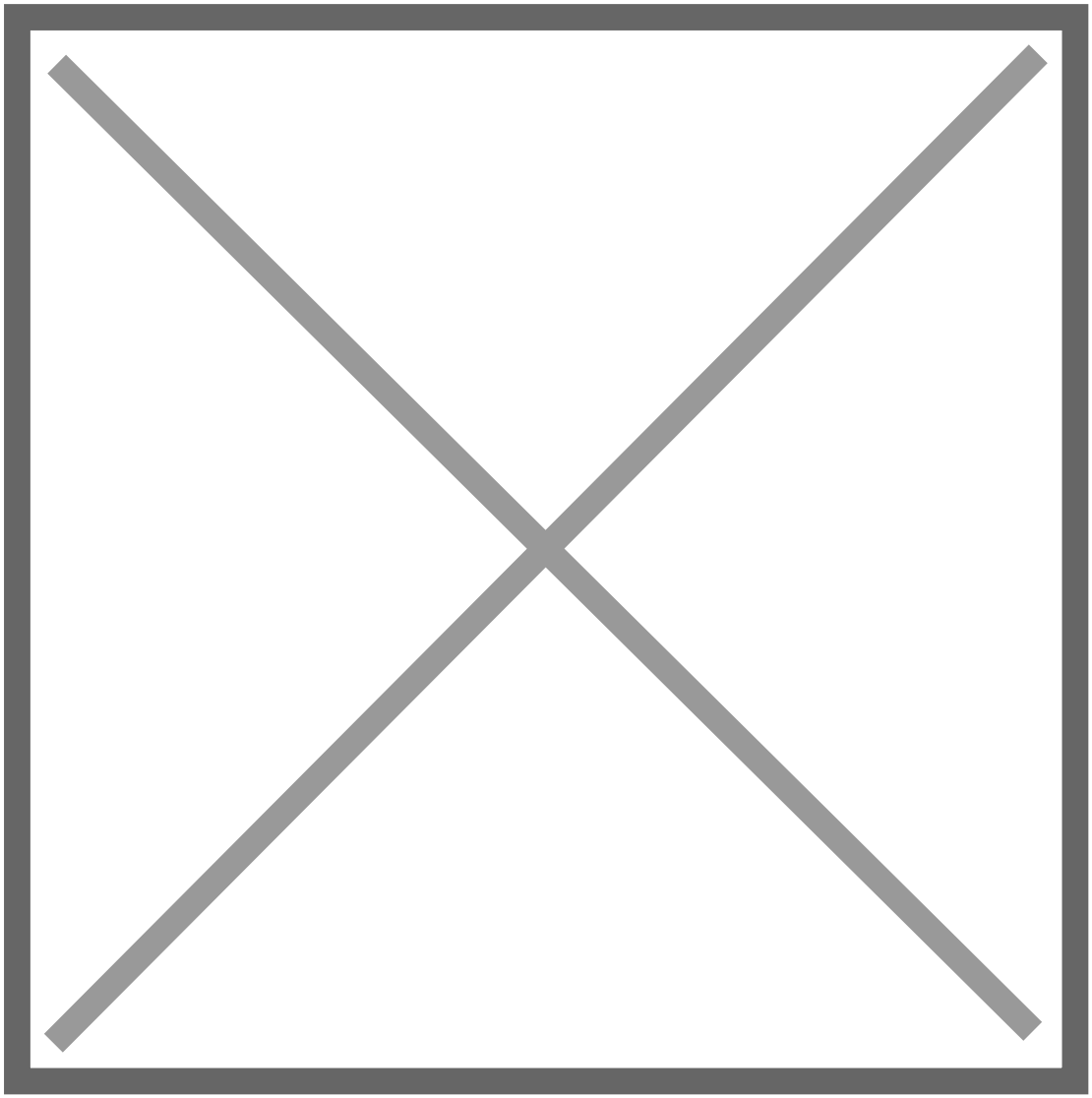
Illuminating the Cellular and Molecular Response to Drug Treatment

August 21, 2023 | News

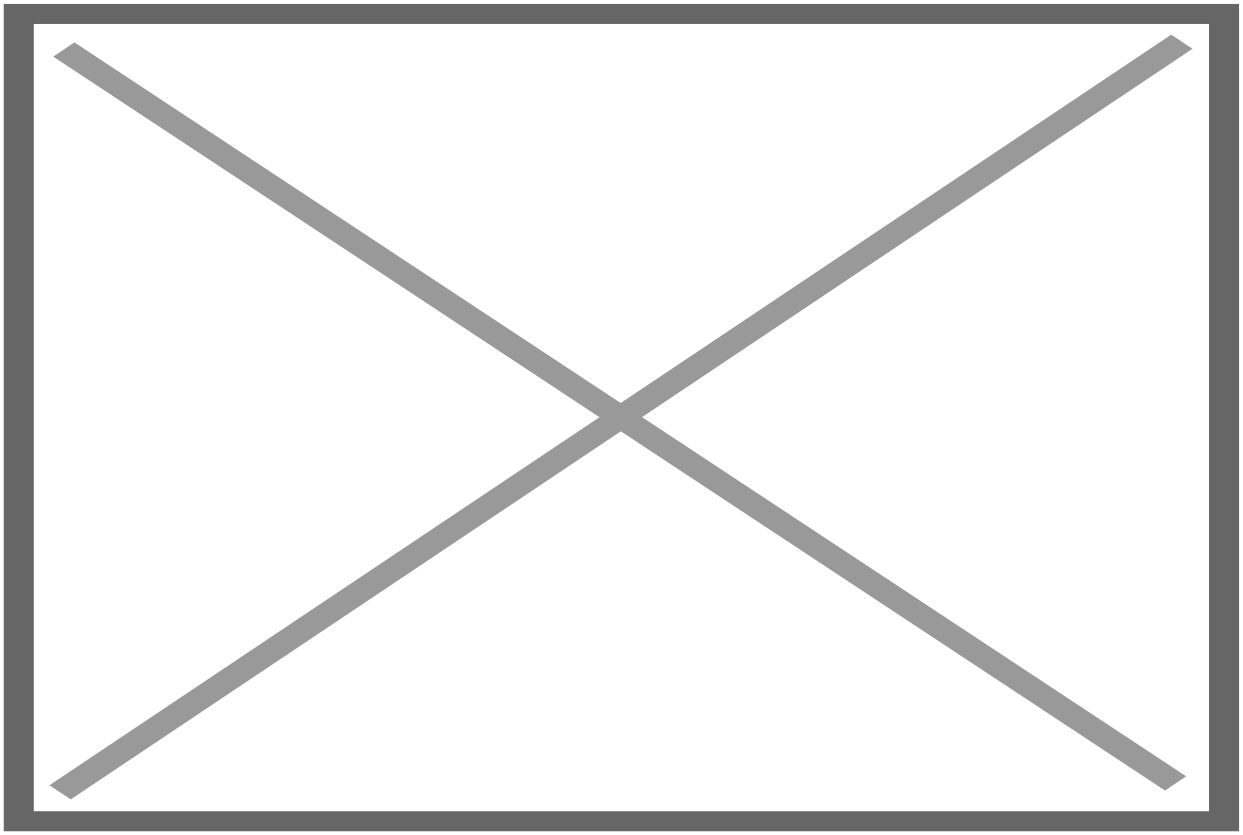
To better understand the biology of cells and their dynamic metabolic response to therapeutic compounds, advanced methodologies are required. Results from two technologies that measure metabolic pathway utilization at two scales, cellular and molecular, can be combined. The Seahorse XF analyzer provides measurements at a cellular resolution, whereas omics and qualitative flux analyses using Revident LC/Q-TOF give measurements at the molecular resolution.



The Revident Quadrupole Time of Flight (Q-TOF LC/MS) system is ideal for small molecule applications in various fields of study such as metabolomics, pharmaceutical, and forensic analyses.



Seahorse XF Pro Analyzer measures mitochondrial respiration, glycolysis, and ATP production in live cells in a 96-well format.



Click here for future updates on Agilent solutions for Omics, or to be contacted by an Agilent representative.