

## Press Release

Basel, 13. October 2012

# Seahorse Introduces XFe The World's Most Advanced Cell Metabolism Analyzer

Seahorse Bioscience, the world leader in instruments and assay kits for measuring cell metabolism, unveiled the new XFe - the world's most advanced cell metabolism analyzer.

The Seahorse XFe Extracellular Flux Analyzer measures the two major energy pathways of the cell - mitochondrial respiration and glycolysis - in a microplate, in real-time. The XFe Analyzer and stress test kits have standardized the measurements of mitochondrial dysfunction and glycolysis, enabling scientists to better understand the connection between physiological traits of cells with genomic and proteomic data. This knowledge is generating new insights into mitochondrial respiration and glycolysis and their impact on new treatments of various diseases such as neurodegenerative disorders, cancer or diabetes & obesity.



Together with pre-formulated and validated stress test kits, the XFe Analyzer is the Gold Standard platform for metabolic assays. The XFe Analyzer is able to identify mitochondrial dysfunction and subtle changes in cell metabolism often before the development of observable disease marker, e.g. neurodegeneration.

The new XFe Analyzer is designed to enable the scientific community to build a knowledgebase that will turn cell metabolism into a target of new therapies. The XFe Analyzer sets a universal standard for acquiring and reporting cell metabolism data. It enables cloud-based sharing of the elements and protocols of metabolic experiments, affording new users and experts the opportunity to collaborate and accelerate their research.

Please contact us for further information!

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