

About Engines & Fuels

Measuring Cellular Energy Metabolism

Seminar

June 7th, 2016 09.30-11.00

HS4, Medical University of
Innsbruck, Schöpfstraße 41

no fee, no registration



Presenter:

Dr. Werner Kammerloher

Seahorse Bioscience,
a part of Agilent Technologies

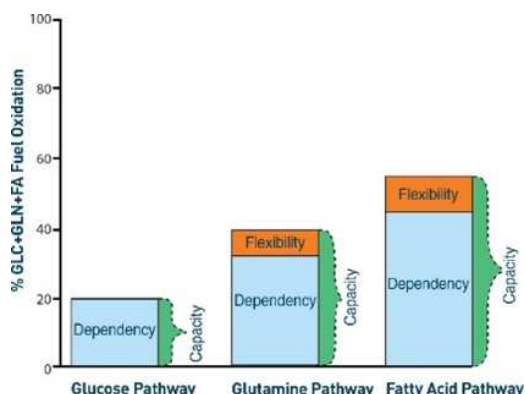
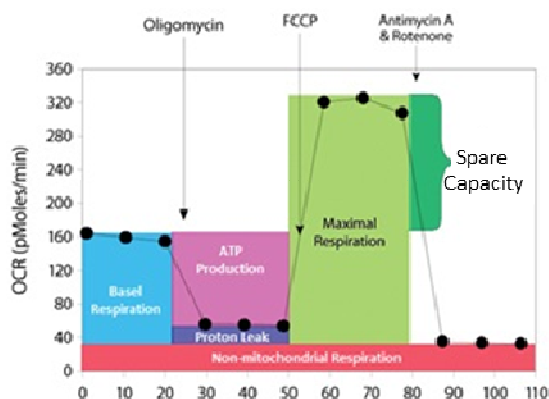
Metabolism is the key to understanding cell function

In living cells, most of the energy produced is derived from three fuel sources: glucose, glutamine, and fatty acids. Mitochondrial access to these fuels impacts a wide variety of biological processes.

Using the Seahorse XF Analyzer you can:

- Detect Metabolic Switches between Glycolysis and OXPHOS
- Uncover mitochondrial impairments
- Identify fuel dependencies to uncover cancer cell vulnerabilities.
- Explore how fuel preferences lead to cell fate decisions for differentiation and immune cell activation.
- Distinguish metabolic adaptations due to genetic changes vs. those that take place due to nutrient deprivation.
- And much more

For any question please contact:
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www.seahorsebio.com