

Agilent Cell Analysis Seminar and Workshop at Universitätsklinik Ulm

November 4, 2022 | Ulm

Measuring Metabolic Engines and Fuels with the Agilent Seahorse XF Analyzer

Learn about Agilent's new functional, kinetic, cell based assays targeting key disease areas and microbial analysis. 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. Use the Agilent Seahorse XF Analyzer to:

- Identify fuel dependencies to uncover cancer cell vulnerabilities.
- Explore how fuel preferences lead to cell fate decisions for differentiation and immune cell activation.
- Determine whether/how cells can adjust fuel oxidation to match nutrient availability while meeting energy demand.
- Distinguish metabolic adaptations due to genetic changes vs. those that take place due to nutrient deprivation.

EVENT DETAILS

Host

Prof. Dr. Fischer-Posovszky
Dr. Daniel Tews
Universitätsklinikum Ulm

Presenter

Dr. Daniel Gebhard, daniel.gebhard@agilent.com
Product Specialist, Cell Analysis, Agilent

Location:

Universitätsklinik für Kinder- und Jugendmedizin Ulm
Core Facility "Extracellular Flux Analyzer"
Eythstr. 24, 89075 Ulm
Room: Kursraum I (E20)

Date/Time:

Friday, November 4th, 09:00 – 15:30

Please Register Before October 28:

<https://seahorseinfo.agilent.com/acton/fs/blocks/showLandIngPage/a/10967/p/p-01a3/t/page/fm/0>

IMPORTANT

If you are interested to join one of the wet-lab sessions, please additionally contact Dr. Daniel Tews
Daniel.tews@uniklinik-ulm.de

AGENDA

09:00 – 11:30 Seahorse Wet-Lab
(Limited attendees – separate registration)

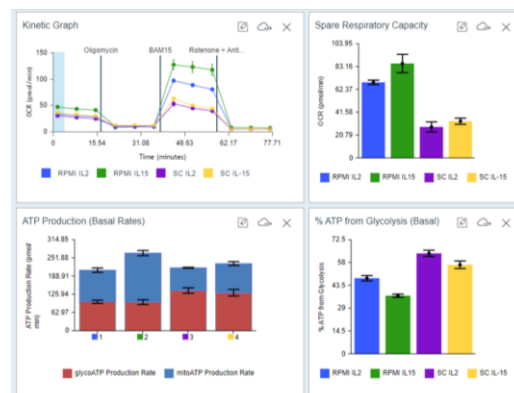
11:30 – 13:00 - Lunch Break -

13:00 – 14:00 Introduction to Seahorse Technology

14:00 – 14:30 Studying cancer & immune cell function with the Seahorse XF Analyzer

14:30 – 14:45 - Break-

14:45 – 15:30 Assay Analysis Workshop



This information is subject to change without notice.

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Published in the USA, January 10, 2019



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