

Free Workshop: Cellular Metabolism Made Easy

Learn how to easily measure
oxygen consumption rate
and glycolytic flux



Where and when?

During the 2nd International
Mitochondria & Diseases
Symposium

March 9 at 2.00 pm
Alter Anatomie-Hörsaal
University of Freiburg

How to join?

You are already registered for the
Symposium.

**Just come around, there is no
extra registration needed.**

Prize draw

All participants will be entered
into a draw to win:

**2 x MX-200 and 2 x PH200 kits
provided by Luxcel and
their distributor amsbio**

What is the workshop about?

Luxcel Biosciences provides simple mix-and-measure assays for the assessment of cell metabolism and mitochondrial function: [MitoXpress Xtra HS](#) measures oxygen consumption rate (OCR) and [pH-Xtra™](#) measures glycolytic flux (ECAR), compatible with all commonly used *in vitro* models from isolated mitochondria to 3D cell cultures.

The combined use of MitoXpress Xtra and pH-Xtra™ allows the assessment of cellular metabolic balance as a baseline for subsequent metabolic investigation, especially when performed alongside the measurement of cellular ATP.

Through presentation and hands-on demonstration, we will guide new and existing users through the assay principles and experimental set-up for use with the [CLARIOstar](#) microplate reader. These assays combined with optimized BMG LABTECH hardware and configured [MARS](#) data analysis software provide a user-friendly 'push button' measurement and evaluation solution.

Speaker: Dr James Hynes, Luxcel Biosciences

amsbio



BMG LABTECH
The Microplate Reader Company