

Measuring mitochondrial bioenergetics and glycolysis with the Agilent Seahorse XF Analyzer

Thursday July 12th, 2018
Room 24 (Prevosti, Biology school)



IBUB
Institut de Biomedicina
de la Universitat de Barcelona



9:30-11:30h Seminars

"Seahorse XFe24 analysis with non-adherent cells"

Aleix Gavaldà, School of Biology, IBUB

"Brown adipose tissue bioenergetics *in vitro* and *ex vivo*"

Laura Herrero, School of Pharmacy, IBUB

Alfredo Caro Maldonado, PhD
Seahorse Product specialist Agilent Technologies

11:30h Practical workshop

12:30h Data analysis and use of the new Wave 2.6 software.

Bring your experiments files to analyze!

13:00 Lunch

14:00-16:00h Practical workshop
continuation

FREE WORKSHOP

Metabolism is the key to understanding cell function

Do you know the state of the art of Seahorse in your field?

Metabolism impacts a wide variety of biological processes.

Use the Agilent Seahorse XF Analyzer to:

- Phenotype metabolically your samples.
- Explore glycolysis and mitochondrial respiration **now quantifying lactate and ATP production rates with the new applications.**
- Identify fuel dependencies to uncover cell vulnerabilities.
- Explore how fuel preferences lead to cell fate decisions.
- Come and discover how Seahorse can help you to understand the biology of your cells by analyzing metabolism in an easy and straightforward way.



 **Agilent Technologies**