# Preliminary Agenda

**Tuesday 2 June**

18.30 – 21.30  
Arrival Reception

**Wednesday 3 June**

08.30 am  
Registration & Coffee

09.15 am  
Welcome

09.30 am  
Keynote Presentation:

**Mitochondria in metastasis: license to drive**

- Pierre Sonveaux PhD, Université catolique de Louvain

10:30  
Break

11:00  
XF User Presentations

**Bioenergetics of CD8 T cells**

- Rianna van der Windt, PhD, Amsterdam Medical Center

**Measuring glycolysis and oxidative metabolism in organoids**

- Boudewijn Burgering, PhD, University Medical Center Utrecht
- Maaike Meerlo, University Medical Center Utrecht

12:00  
Lunch

13:00  
XF User Presentations

**MYCN mediated metabolic plasticity contributes to the pathogenesis in human neuroblastoma**

- Ganna Oliynyk, PhD, Karolinska Institute

**Presentation title to be advised**

- Jose Carlos Valle Casuso, PhD, Institute Pasteur

14:30  
Break

15:00  
**Trends in metabolic research and potential clinical applications**

- David Ferrick, CSO, Seahorse Bioscience

16:00  
Dinner

**Thursday 4 June**

9.00 am  
XF Cell Energy Phenotype Test

9:30 am  
**The XFp Analyzer – “A new unique member of the Seahorse family”**

- Sarah Burroughs PhD, Product manager, Seahorse Bioscience

10:15 am  
Break

10:45 am  
XF Workshops

12:00  
Lunch

13:00  
XF Workshops

14:30  
XF Users’ Group Meeting Conclusion

15:00  
Adjourn
Sample Workshops

**FAO & Substrate Utilization Assays**
This workshop will highlight the importance of assay design for assessing substrate utilization in XF assays and will discuss how the XF Palmitate-BSA FAO Substrate simplifies the process for obtaining functional data characterizing the metabolic phenotype of your cells.

**Measuring Mitochondrial Respiratory Complexes in Cells Using XF PMP**
This workshop will discuss the use of the XF Plasma Membrane Permeabilizer (PMP) to measure substrate oxidation by mitochondrial respiratory complexes without isolating mitochondria.

**Normalization**
This workshop will discuss a number of approaches to normalization and the techniques most frequently observed in the growing body of publications containing data obtained with an XF Extracellular Flux Analyzer.

**Resources for XF Assays**
This workshop will provide an overview of the variety of resources available for XF Assays, including protocols, technical briefs, XF Stress Test Report Generators, on-line Cell Reference Database, and more.

**Substrate Dependency & Flexibility Assays**
This workshop will overview the major carbon sources (glucose, fat, and amino acids) that fuel mitochondrial respiration and will discuss methods to probe substrate dependency for specific fuels as well as methods to determine flexibility between fuel sources.

**Tips for Training New Users to Run XF Assays**
This workshop will discuss the best approaches to getting new users conducting successful assays quickly. Learn from the training experts.

**XF Stress Test Refresher**
This workshop will discuss how to profile the basic parameters of mitochondrial and glycolytic function of cells with the XF Stress Tests.

**XFp Extracellular Flux Analyzer Assays**
This workshop will provide an overview of the features, benefits and workflows for the new XFp Analyzer. Learn how the XFp is ideal for working with precious samples, such as primary cells from transgenic animal, sorted t-cells, and other primaries. Also see how the XFp is the perfect companion for the XFe96.

**3D Biology: New Spheroid & Islet Assay Tools**
This workshop will discuss Seahorse tools and methods to profile 3D spheroids. Upgrading from 'flat' cell biology to 3D is now easy with the XFe96 Spheroid Microplate and Seahorse 3D assays. Great for cancer, tox screens, co-cultures and more. (Applicable for XFe96 Analyzer users only.)