

CalScreener Workshop:

Calorimetric instrument to measure the metabolic response in biological systems

INTRODUCTION:

CF BIC and Specion, s.r.o. are organizing a two-day workshop focused on calorimetry of biological systems. Participants will have an opportunity to learn about the theoretical background, technical details and benefits of **measuring the metabolic rate of living cells** through a real-time heat flow profile. Workshop participants are strongly encouraged to **measure their own samples** on **calScreener** calorimetric system, an innovative tool for quantitative analysis of molecular interactions and determination of binding affinity. All specific questions will be possible to directly discuss with Symcel specialists.



PROGRAM:

Wednesday 12th April

- 10:00-10:50 Seminar: CalScreener technology (E35/145)
- 11:00-11:50 Seminar: Applications of calorimetry in biological systems (E35/145)
- 12:00-13:00 Lunch
- 13:00-15:00 Sample preparation and measurement (C04/218)

Thursday 13th April

- 10:00-10:50 Data evaluation (C04/218)
- 11:00-11:50 Discussion (C04/218)

The instrument shall be available in CF BIC for next two weeks for further experiments and testing.

Please register [HERE](#).

For more information, contact the CF BIC staff:

bic@ceitec.cz

Check our webpage for up-to-date information:

bic.ceitec.cz/events

12-13/4/2023

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