

Join us for a seminar by

**Enrico Tatti**

Ph.D.

**Metabolic, Bioenergetic, and Mitochondrial Analysis by  
Live Cell Assays with Phenotype MicroArrays**

Phenotype MicroArray™ (PM) technology is a live cell assay technology that allows scientists to scan cell metabolic and energetic pathways in both whole cells and at the mitochondrial level in a very detailed and comprehensive manner.

The PM technology platform provides a powerful tool for genotype-phenotype studies. The advent of genetic methodologies such as CRISPR, which enable engineering of model cell lines with specific genetic alterations, is opening up many new exciting opportunities to do precise genotype/phenotype studies. This can become an important tool to enable understanding of both common and rare human disorders.

- Wed 21th November at 12.00
- Pharmacology lecture hall F202,  
University of Oulu, Faculty of Medicine,  
Biochemistry and Molecular Medicine
- Coffee and snack voucher

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