



Drug Discovery 2018

ExCeL, London
9TH – 10TH October 2018

Innovations in cellular HTS & compound profiling: Tuesday 9TH October

Session Chairs: Eddie Stevens (Ario Pharma) & **Mark Slack** (Evotec)

Efforts continue to try and improve the quality and relevance of the hit identification process with the ultimate goal of decreasing late stage attrition, that afflicts many drug development programs. Increased understanding of the biochemical pathways driving disease, and the sometimes complex target space associated with this, continue to lead to new developments at all stages of the process: from small molecule library design through to complex biological models that aim to mimic the target tissue in the disease setting.

Traditional target-based approaches in recombinant expression systems are giving way to complex, heterogenous cellular models employing a variety of phenotypic readouts combined with sophisticated image based algorithms and big data set analysis. Stem cell derived models and organoids represent just a few of the other developments that are being applied to identify compounds with true disease modifying potential. Within this session we aim to case study some of these recent developments along with learnings and how they are impacting the drug discovery value chain.

Plenary Keynote Speaker



Professor Janet Thornton
(European Bioinformatics Institute)

Confirmed Speakers

Natasha Lewis (Cambridge University)
Robert Vries (Hubrecht Organoid technology)
Martin Guilliams (VIB institute for inflammation)
Steffen Jaensch (Janssen Pharmaceutical)
Lorena Kallal (GlaxoSmithKline)
Magda Bictash (ARUK)

Call for Posters

For an opportunity to present your research in one of our poster spotlight sessions, submit your abstract by **17TH August 2018**.

The deadline for general poster abstract submission is **5TH October 2018**.

Sponsorship & Exhibition

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sanj.kumar@elrig.org

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