

# Webinar for FAU Erlangen

## From 96-wells to single cells:

### How Livecyte assays uncover subtle differences in dynamic cell behaviour



**Presenters:** Dr. Martin Humphry, CEO & Dr. Peter Djali, BD Manager - Phasefocus

**Date:** 8<sup>th</sup> November 2023 16:00 CET

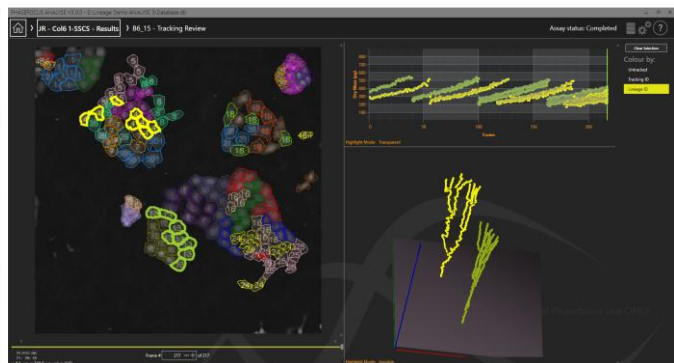
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Characterising, comparing, and ultimately understanding, differences in dynamic live cell behaviour is critical in many fields, from cancer research to regenerative medicine.

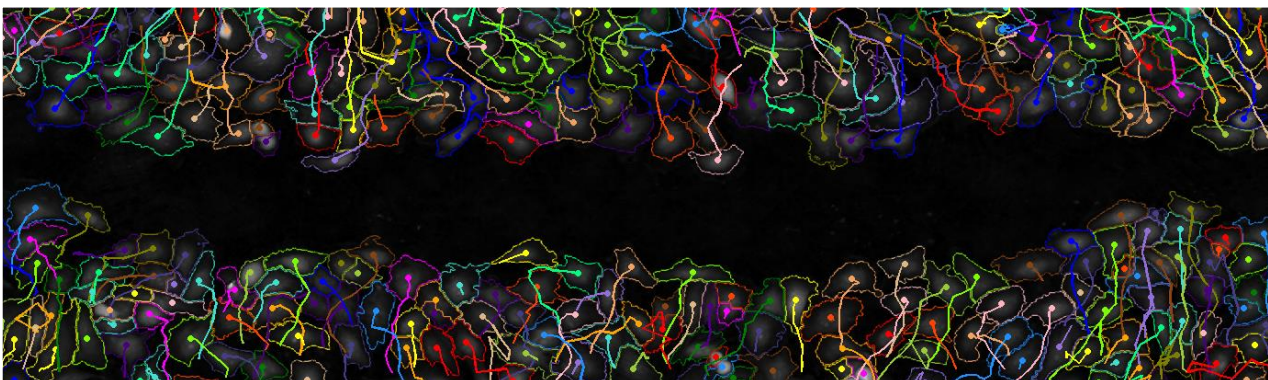
In this talk, we explore new ways to characterise cell behaviour using Livecyte. We review how simple label-free assays, in 96-well plates, can help you independently measure cell growth and cell proliferation, automatically characterise cell migration and identify other phenotypic changes. We also show Livecyte's correlative fluorescence capabilities (up to 7 channels) and how these measurements unlock additional powerful new insights.



Livecyte Kinetic Cytometer



Individual cell lineages traced automatically



All cells in a scratch assay automatically tracked throughout the timelapse