

From Eye to Insight



PAULA, how are my cells today?

The Personal Automated Lab Assistant

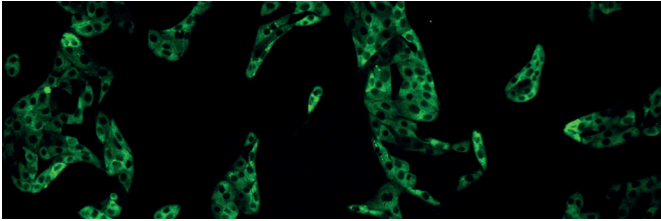
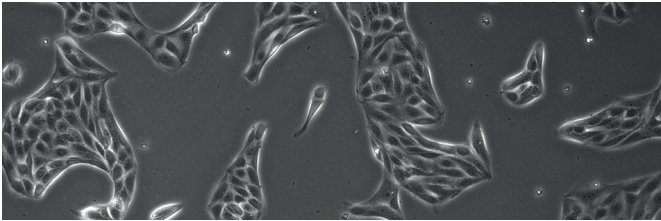
Remove the guesswork: Manage your cell cultures instead of just cultivating them.

PAULA (from Leica Microsystems) is the new digital imager designed to help you speed up your daily cell checks. It allows you to easily standardize your results to improve your downstream workflows.

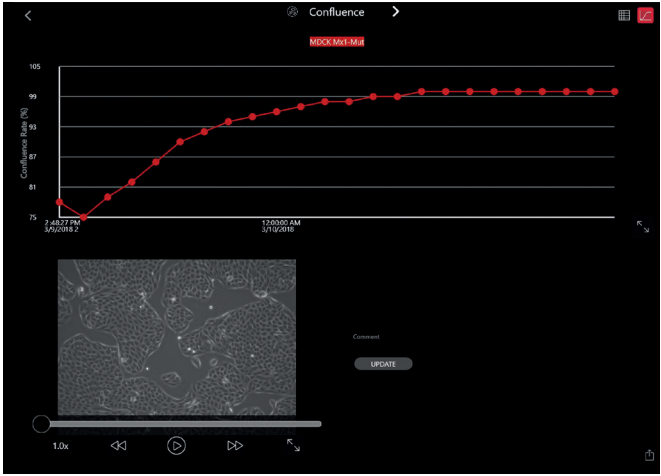
- Save time with reliable, up-to-date information about the current status of your cell line
- Benefit from precise calculated values rather than estimates with optional advanced cell-based assays
- Save time by automatically documenting your cell cultures instead of doing manual paperwork
- Check cell healthiness with phase contrast and monitor transfection with 2 fluorescence LEDs

Paula PERSONAL
AUTOMATED
LAB ASSISTANT

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PAULA documents phase contrast/fluorescence images
MDCK Mx1-GFP, cells courtesy of Prof. Dr. Ralf Jacob, University of Marburg, Germany



Confluence check over time recorded by PAULA

PAULA takes away guesswork from your cell culture lab and replaces it by standardized management!

Technical Specifications

| | |
|-------------------------------------|--|
| Contrasting methods | Phase contrast (adjustment-free) Fluorescence |
| LEDs | Red LED for phase contrast to protect cells from bleaching 2 fluorescence LEDs (red, green) to monitor transfection |
| Control unit | Tablet (Android, iPad, Windows) and/or touch monitor |
| Barcode reader | Integrated in housing |
| Objective | 10x with digital zoom (3x) |
| Apps | Confluence check, wound healing |
| Temperature tolerance | PAULA can be placed inside a cell incubator (37°C, ~90% humidity) |
| Dimensions (Height x Width x Depth) | 219 x 218 x 264 mm |
| Operation unit | NUC PC |

IF YOU WANT
TO STAY
UP TO DATE,
CONTACT US



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