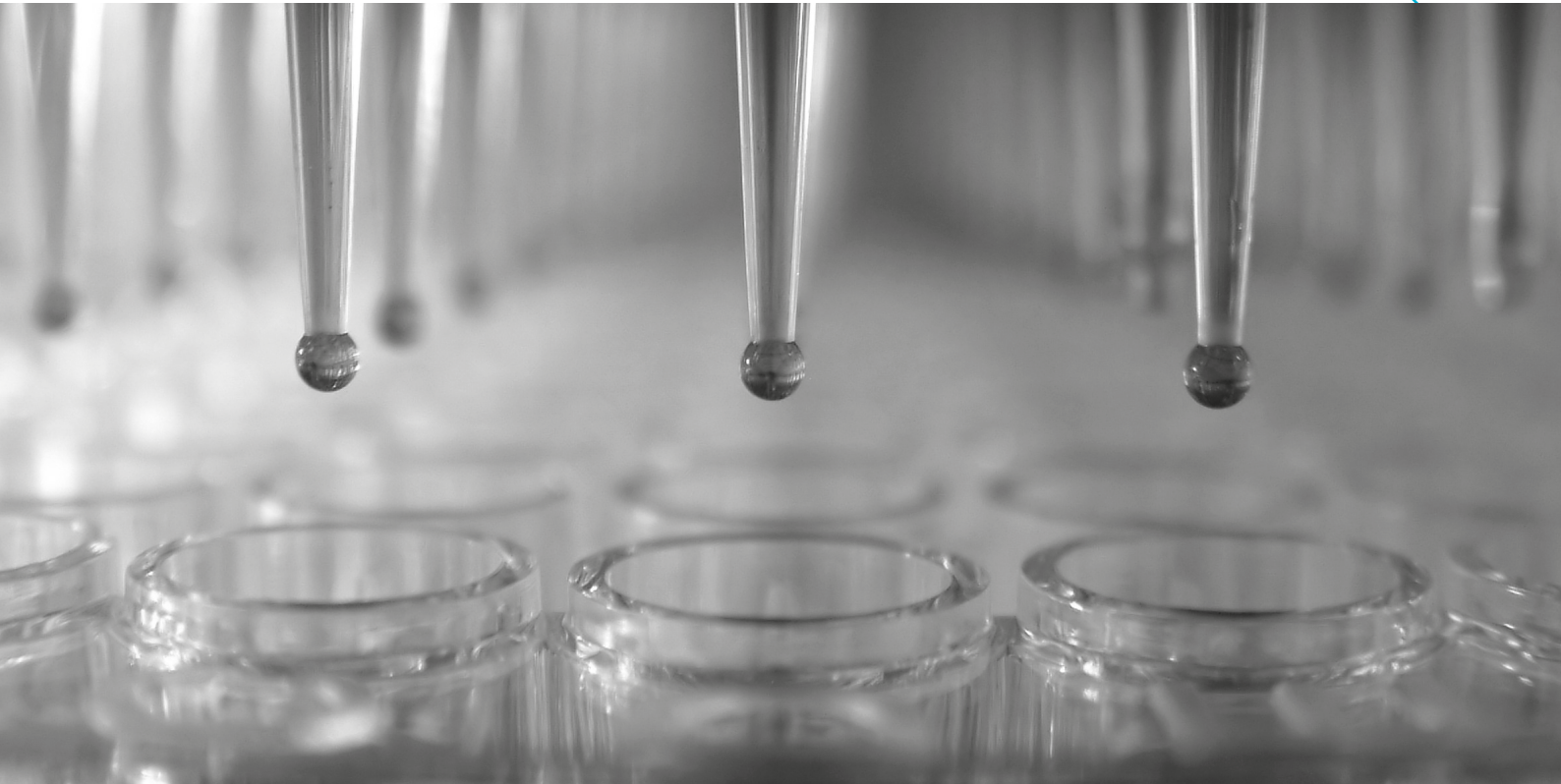


discngine

# Qualification

Track Liquid Handling Precision and Accuracy



- Do you trust the accuracy of your pipetting operations ?
- Are you able to justify the calibration of your instruments ?
- Are your robotic processes drifts easily identifiable ?
- Can you assess the impact of the maintenance process on your equipment ?

*«Since we are using Qualification and its tracking flow, we have significantly enhanced the reliability of our liquid handling processes »*

**Evelyne Gros - Sample Management Group Leader - Evotec France**

# Optimize and track your processes

## Qualification Workflow

Discngine Qualification offers an efficient way to evaluate and track the accuracy of robotic processes along the lifespan of the pipetting platforms by combining the analyses of gravimetry and colorimetry data.



Register platforms and associated processes (plate reader, solvent, liquid classes). Launch your robotic processes, generate output files and upload them to Discngine Qualification to perform QA/QC. Link the analyses to a qualification campaign, track results over time and easily detect biases. Share results and statistics with your colleagues and partners with the cloud version or export data in convenient file formats (Microsoft Excel®, TIBCO Spotfire®, CSV).

## Control Charts



Control Charts is a crucial feature of the application. After defining the qualification requirements by fine-tuning the LCL (Lower Control Limit) and UCL (Upper Control Limit) parameters, the scientists can keep under control the quality performance of the robotic processes. The users will easily identify drifts and assess the impact of maintenance operations.

## Key Features

- Evaluate and track accuracy of plate-based liquid handling processes
- Capture raw data with an easy-to-use workflow based application
- Validate your robotic processes in real operating conditions
- Combine your gravimetry and colorimetry data analyses
- Monitor Control charts to follow up robotic qualification history
- Share your QA/QC processes using a Cloud implementation

## Cloud Option

- Subscription-based
- Ready-to-use
- No maintenance cost
- Advanced security

