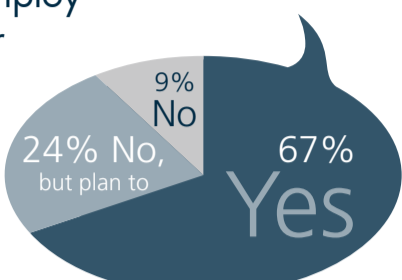


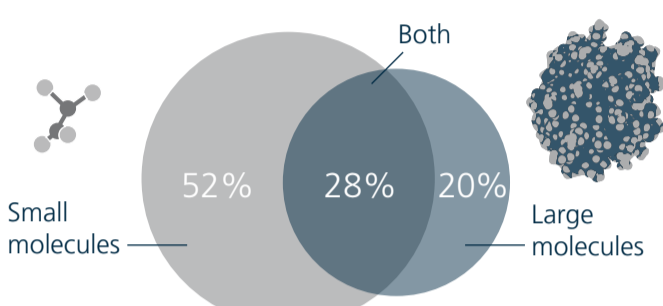
Automation is a key area of interest for bioanalysts as it can increase throughput while maintaining quality; this increase in efficiency can lead to a reduction in the cost of bioanalysis. Along with many other benefits, automation also eliminates bottlenecks and improves workflows. Together with our automation experts, we put together a survey to find out how you employ automation in your laboratory and your opinion on key issues such as: whether there is a need for an increased focus on automation in quality control, quality assurance, incurred sample reanalysis and data management; and whether there is a need for increased collaboration between robot manufacturers and bioanalysts.

## Automation in your lab

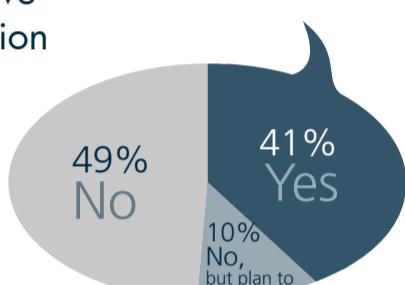
Do respondents employ automation in their laboratories?



Automation is used to study...



Do respondents have dedicated automation staff within their organization?



## Advantages and limitations of automation

### Top 4 advantages of automation



### Top 3 limitations of automation



### Top 3 processes that have benefited from automation

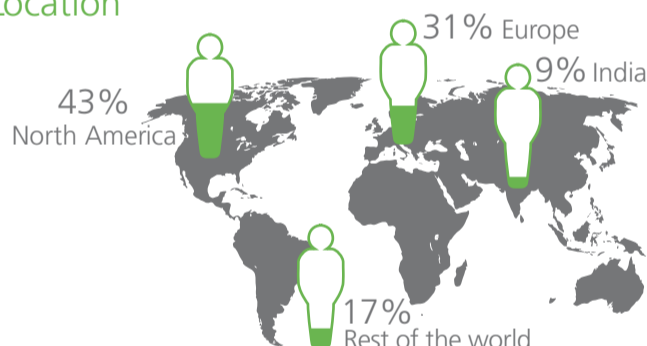


“ In the future, I believe automated systems will be standardized, which will lead to easier integration with various instruments and new technologies. ”

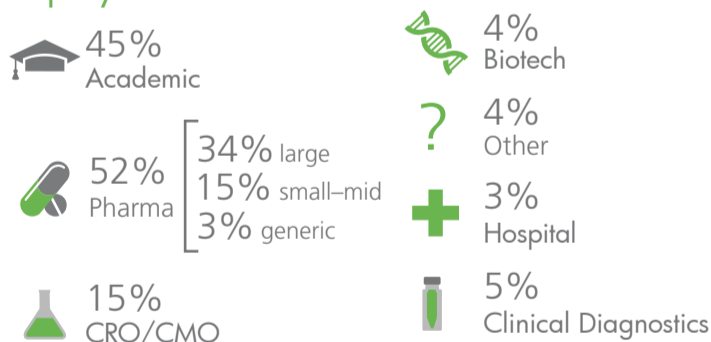
“ I believe there will be improved user software which will continue reduction of working sample sizes. ”

## About the respondents

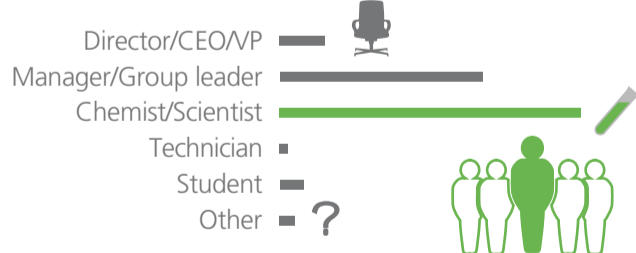
### Location



### Employer



### Role



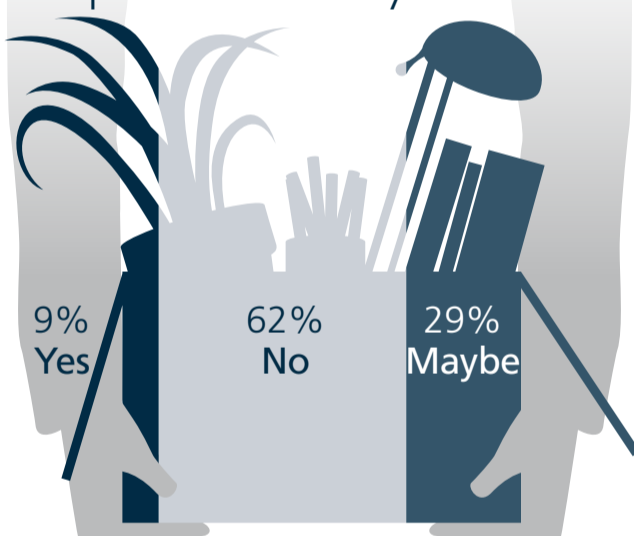
“ I believe in the future there will be greater ease of programming, use and maintenance, and also miniaturization – primarily to cope with microsampling. ”



“ I foresee full installation of automation into the ELISA area, and full barcode sample tracking with collection of sample events. ”

## Future of automation

Do respondents believe automation will lead to job loss in bioanalysis?

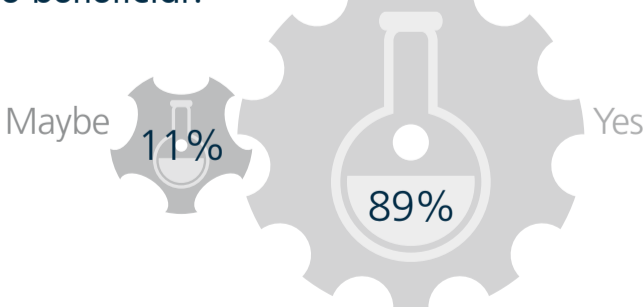


“ The increase of analytical demand is so vast that you need more technicians, not less. However, these technicians must have a better background than that of the past. ”

Is there a need for an increased focus on automation in quality control, quality assurance, incurred sample reanalysis and data management?



Would increased collaboration between robot manufacturers and bioanalysts be beneficial?



“ Robotic vendors need to understand the requirements of bioanalysis with respect to: nature of sample, process flow, execution and complete traceability of the executed actions right from the beginning of automation. ”

Read more commentary and analysis on automation

at [www.bioanalysis-zone.com](http://www.bioanalysis-zone.com)

Find out what our experts think about the results

View the panel discussion

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