



New Perspectives on the Automated Microbiology Laboratory: Realizing the Potential of Artificial Intelligence

With requests for "on demand testing" and pressure from clinicians for rapid turnaround times to the significant and growing shortage of skilled technologists, microbiology laboratories are increasingly being asked to do more with less. As a result, juggling various clinical, operations and financial imperatives is a never-ending task for laboratory managers as well as the bench. Ways of driving efficiencies without compromising quality results represent a significant mitigating factor in this delicate balancing act.

The use of artificial intelligence (AI) and machine learning (ML) to identify and prioritize clinically-relevant samples is one such tool that holds the key to streamlining workflows and allowing technologists to concentrate their skill on what matters most. This webinar will review the potential that AI and ML offers the microbiology laboratory, outline currently available solutions that leverage these advances, and present an overview of the clinical experience and utility of an in vitro diagnostic device incorporating machine learning algorithms with digital image capture. Steven Giglio PhD, Scientific Director, LBT Innovations Rhys Hill, Research Director, LBT Innovations Chris Ramsey PhD, Business Development Director, Clever Culture Systems

August 15th, 2022



Webinar Feedback



"Dr. Rhys was probably the first person who could accurately and effectively describe AI and Machine Learning that I have encountered. It was an effective webinar that peaked my interest. I would like to know more how I as a scientist can gain more knowledge in this field. I can see this automation as the new path forward and I don't want to be left behind."

"Excellent presentation. I am definitely watching it again."

"Interesting and innovative talk!"

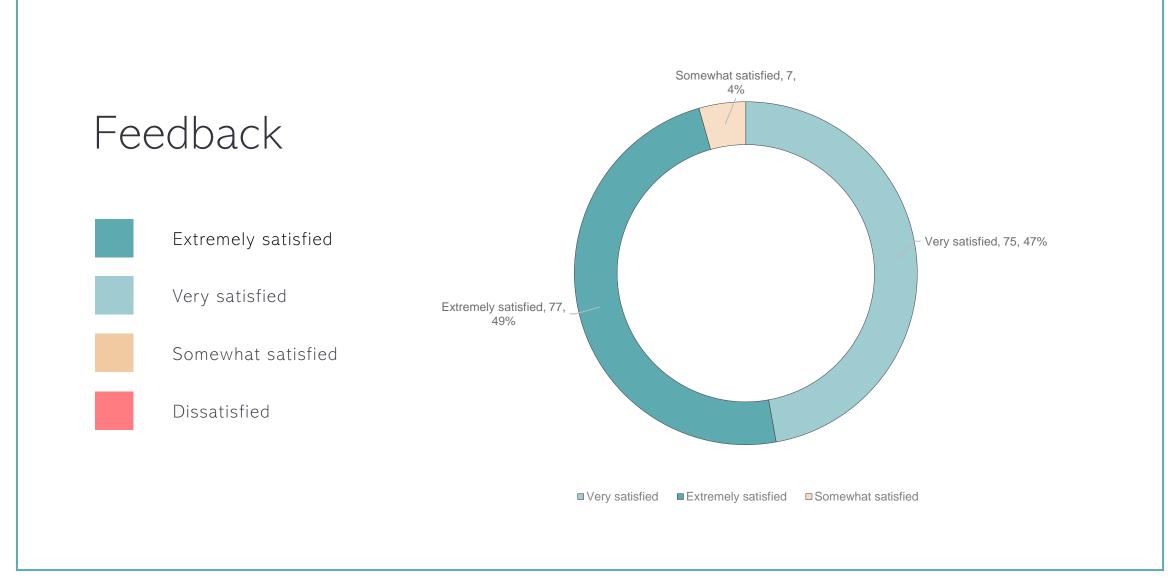
"Great stuff."

"Very interesting and informative. Thank-you."

"Great definition and explanations! Many thanks!"



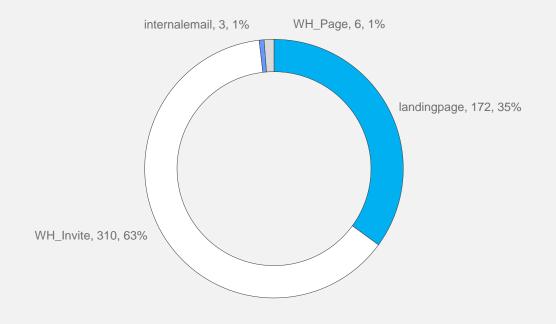








Source ID

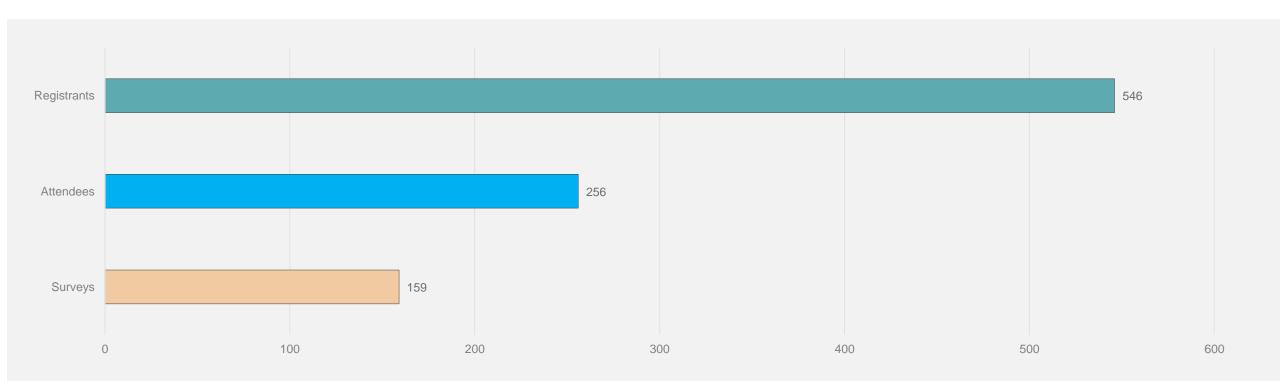


247 registrants opted in to receive marketing communication





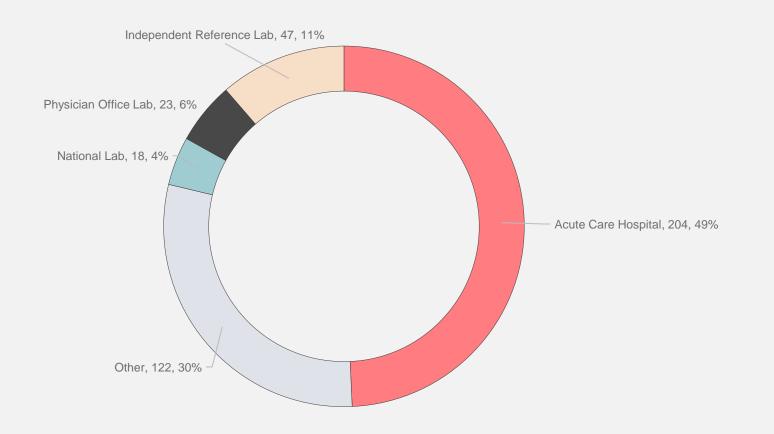
Attendance







Do you work in a(n)





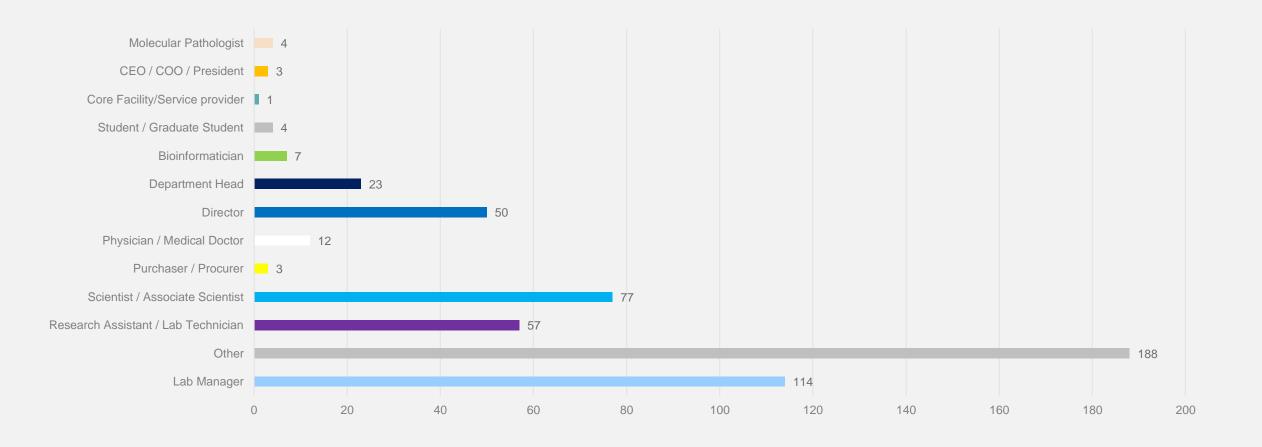


If you answered 'other' for the question above, please elaborate below





What is your role?







If you have a Fisher account number, please list it below





Please fill in the specialty or specialties your facility services





What is the biggest challenge in your facility?





If you work in a hospital, what is your hospital's bed count?



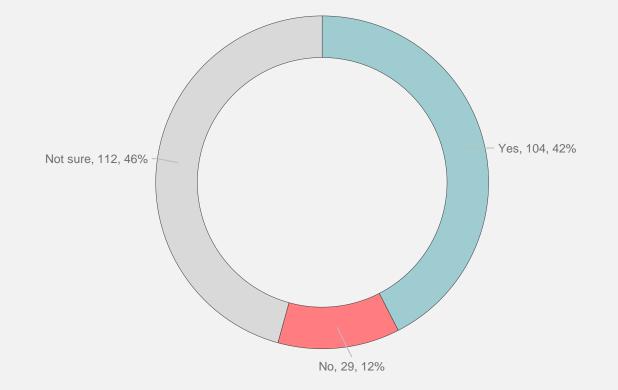


When working in an independent patient care facility, how many patients on average do you care for in a day?





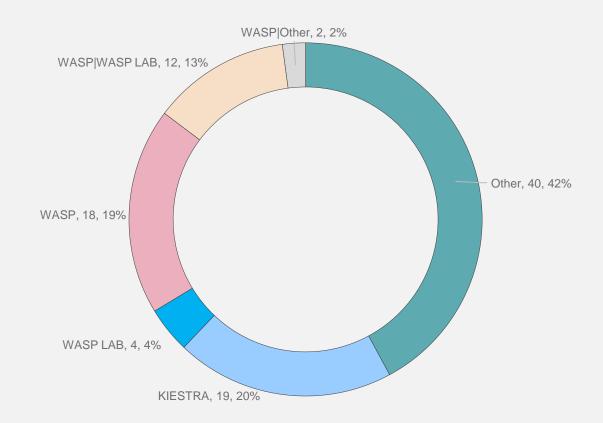
Does your microbiology laboratory have plans/desire to implement laboratory automation (or add it if already existing)?







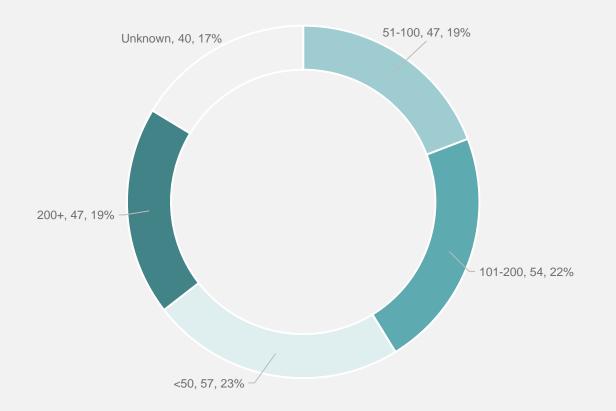
Which of the following laboratory automation instruments in currently in your laboratory?







What are your current urine testing volumes/day?







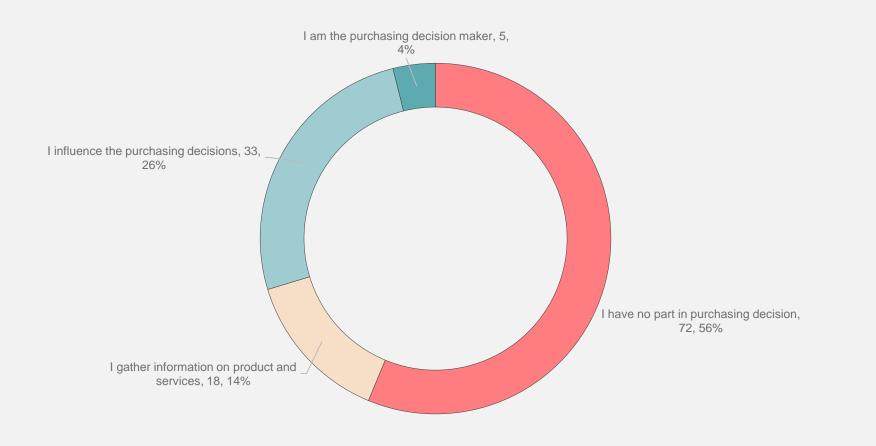
Survey Questions







What is your role in the purchasing process? Please choose all that apply:







What is the biggest challenge in your facility?



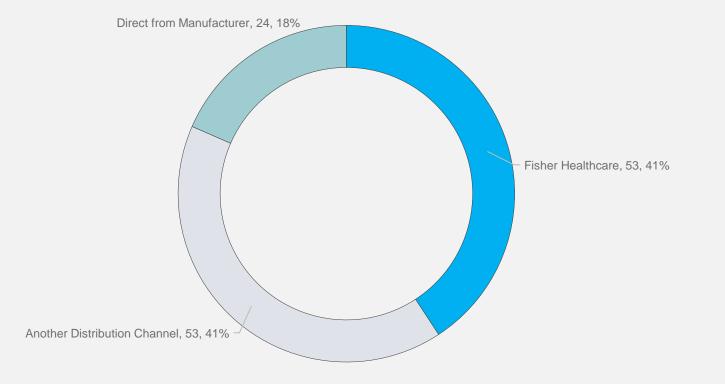


Please fill in the specialty or specialties your facility services:





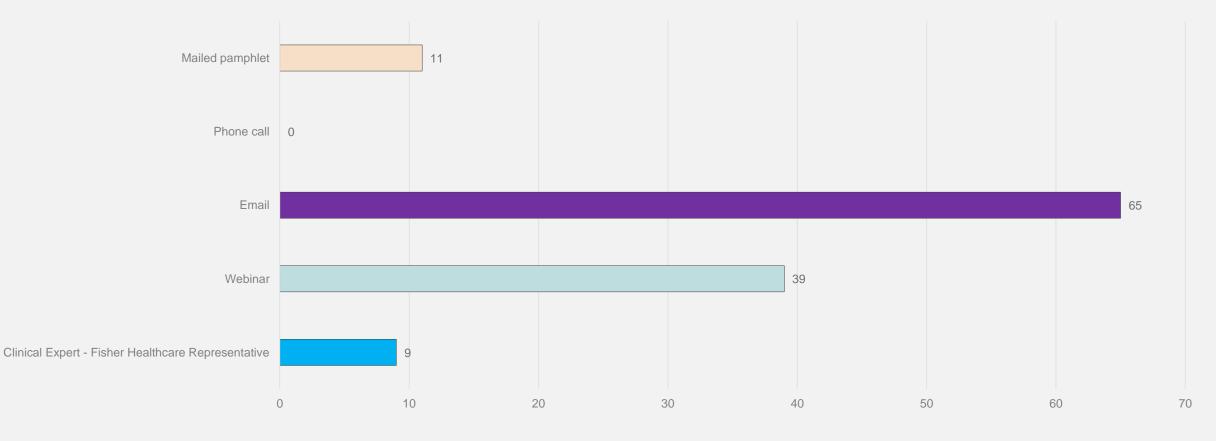
Who do you currently purchase the majority of your products from? Please choose all that apply:







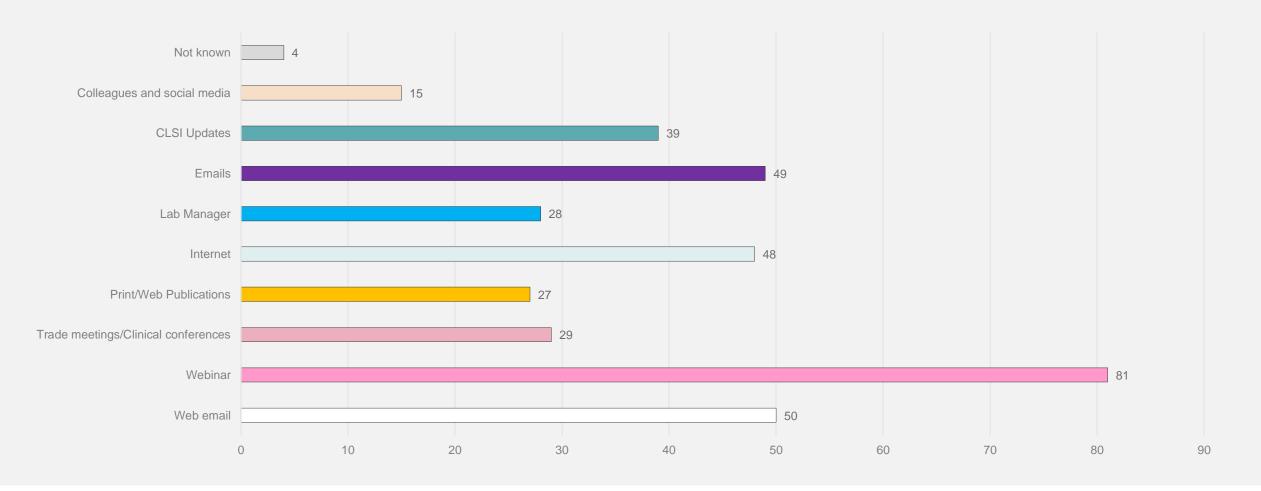
How do you like to receive follow up product information? Please choose all that apply:







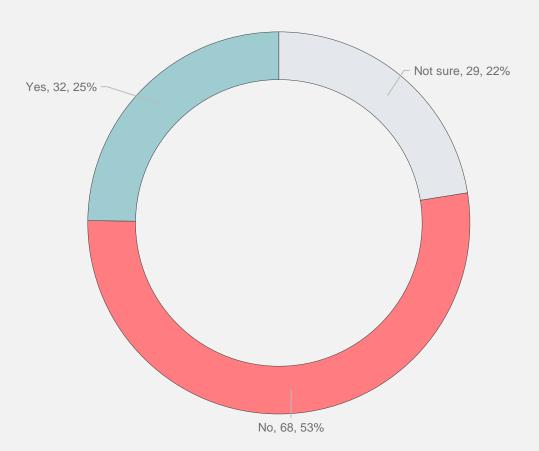
What sources do you rely on to get industry news? Please choose all that apply:







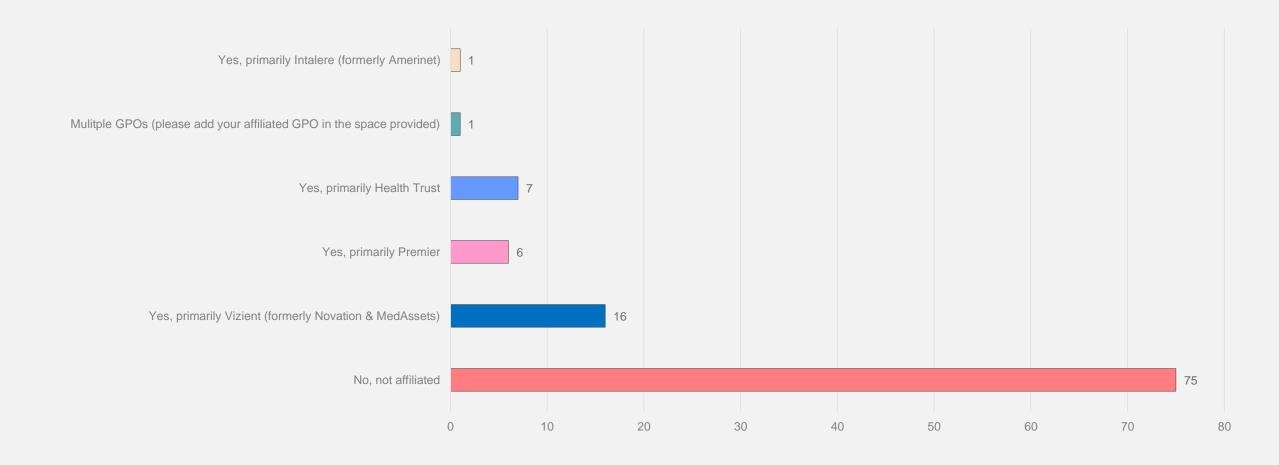
Would you like more information on this topic?







Do you have a current GPO affiliation?





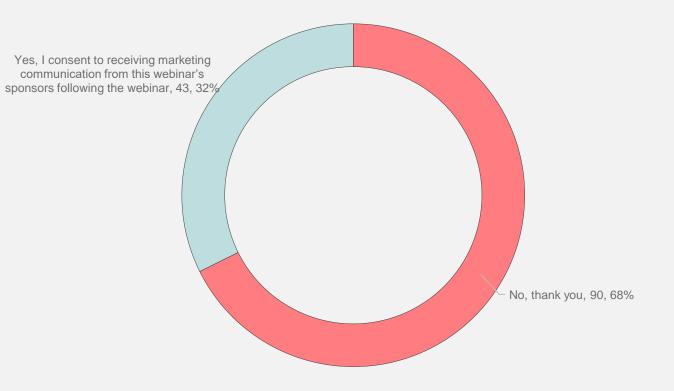


If your GPO wasn't mentioned above, please list it here:





By submitting this evaluation, the information you provide will be shared with the webinar's sponsor to provide you with information on products and services that may be of interest to you:







New Perspectives on the Automated Microbiology Laboratory: Realizing the Potential of Artificial Intelligence

With requests for "on demand testing" and pressure from clinicians for rapid turnaround times to the significant and growing shortage of skilled technologists, microbiology laboratories are increasingly being asked to do more with less. As a result, juggling various clinical, operations and financial imperatives is a never-ending task for laboratory managers as well as the bench. Ways of driving efficiencies without compromising quality results represent a significant mitigating factor in this delicate balancing act.

The use of artificial intelligence (AI) and machine learning (ML) to identify and prioritize clinically-relevant samples is one such tool that holds the key to streamlining workflows and allowing technologists to concentrate their skill on what matters most. This webinar will review the potential that AI and ML offers the microbiology laboratory, outline currently available solutions that leverage these advances, and present an overview of the clinical experience and utility of an in vitro diagnostic device incorporating machine learning algorithms with digital image capture. Steven Giglio PhD, Scientific Director, LBT Innovations Rhys Hill, Research Director, LBT Innovations Chris Ramsey PhD, Business Development Director, Clever Culture Systems

August 15th, 2022