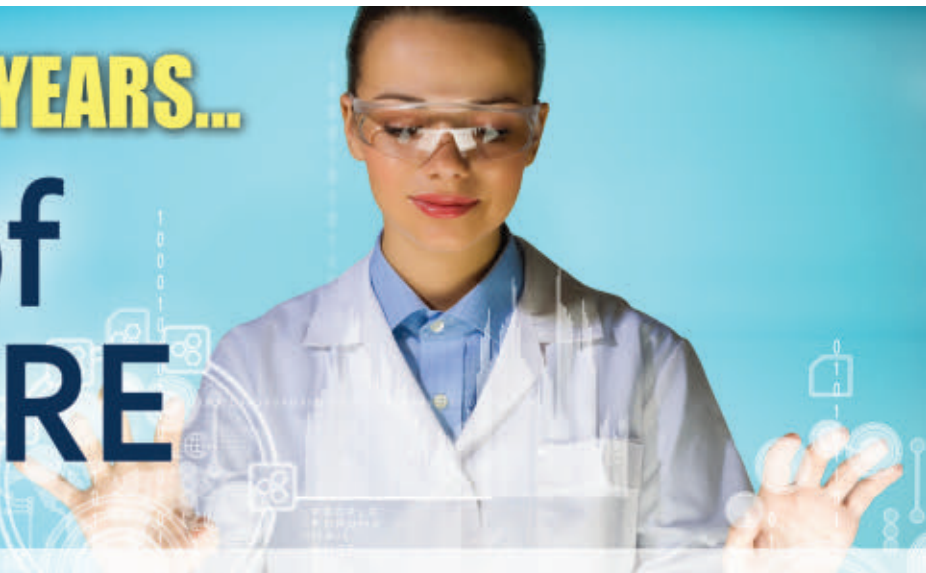
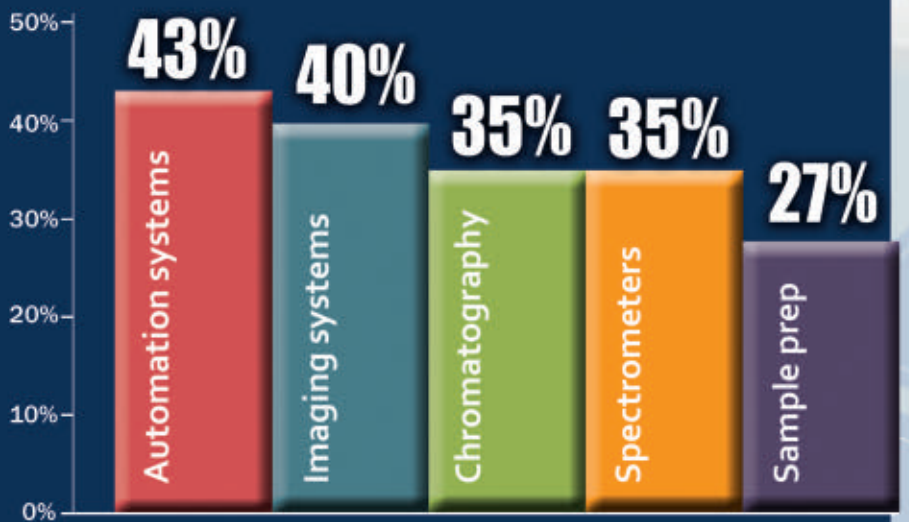
FAST FORWARD 10 YEARS...

the LAB of the FUTURE



*Based on a survey of Laboratory Equipment's readers, the lab of the future is likely to contain more automation, less paper, and be highly impacted by emerging research trends.**

Most Likely to Change

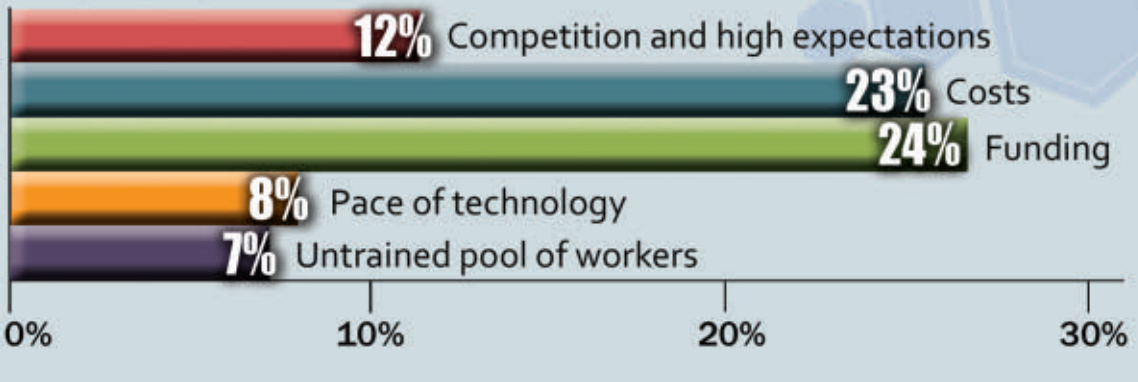


Top Rese... T...

1. Biotech
2. Biomed
3. Energy/
4. Genetic
5. Environ

Most Challenging Aspect

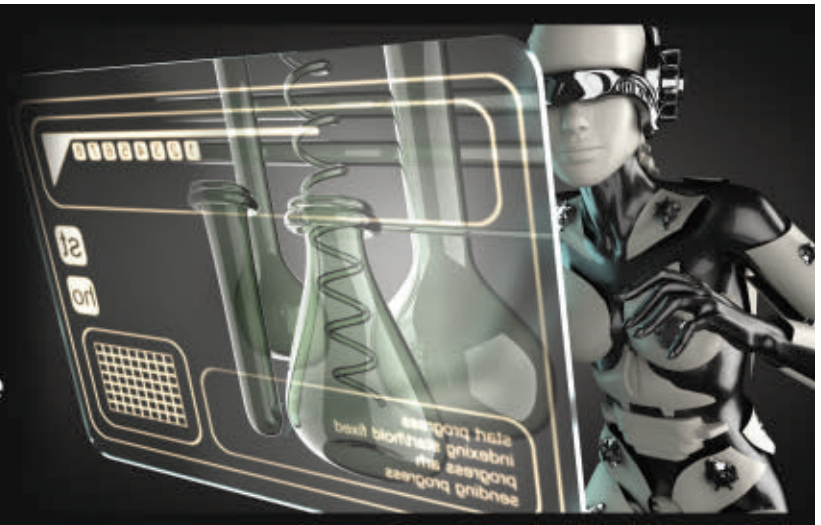
IN 10 YEARS:



**All data based on "2024: Lab of th... November 2014. Respondents incl... and directors, researchers and seni... encompassing a broad range of ind... medical, manufacturing and biotec...*
Data copyright 2014

Emerging Technologies in the Next 10 Years

Data search/retrieval • Nanotechnology • Imaging systems Bioinformatics • Artificial intelligence High performance computing • Instrumentation miniaturization •



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ne Future" survey, ude lab managers for staff members dustries such as hnology.

Biggest Bottleneck

FUNDING: 50%

STAFFING: 50%

YES: 50%

NO: 50%

Paperless by 2024?

When Will We See Robots in the Lab?

5 years: **5%**

10 years: **36%**

20 years: **41%**

40 years: **7%**

50 years: **11%**