

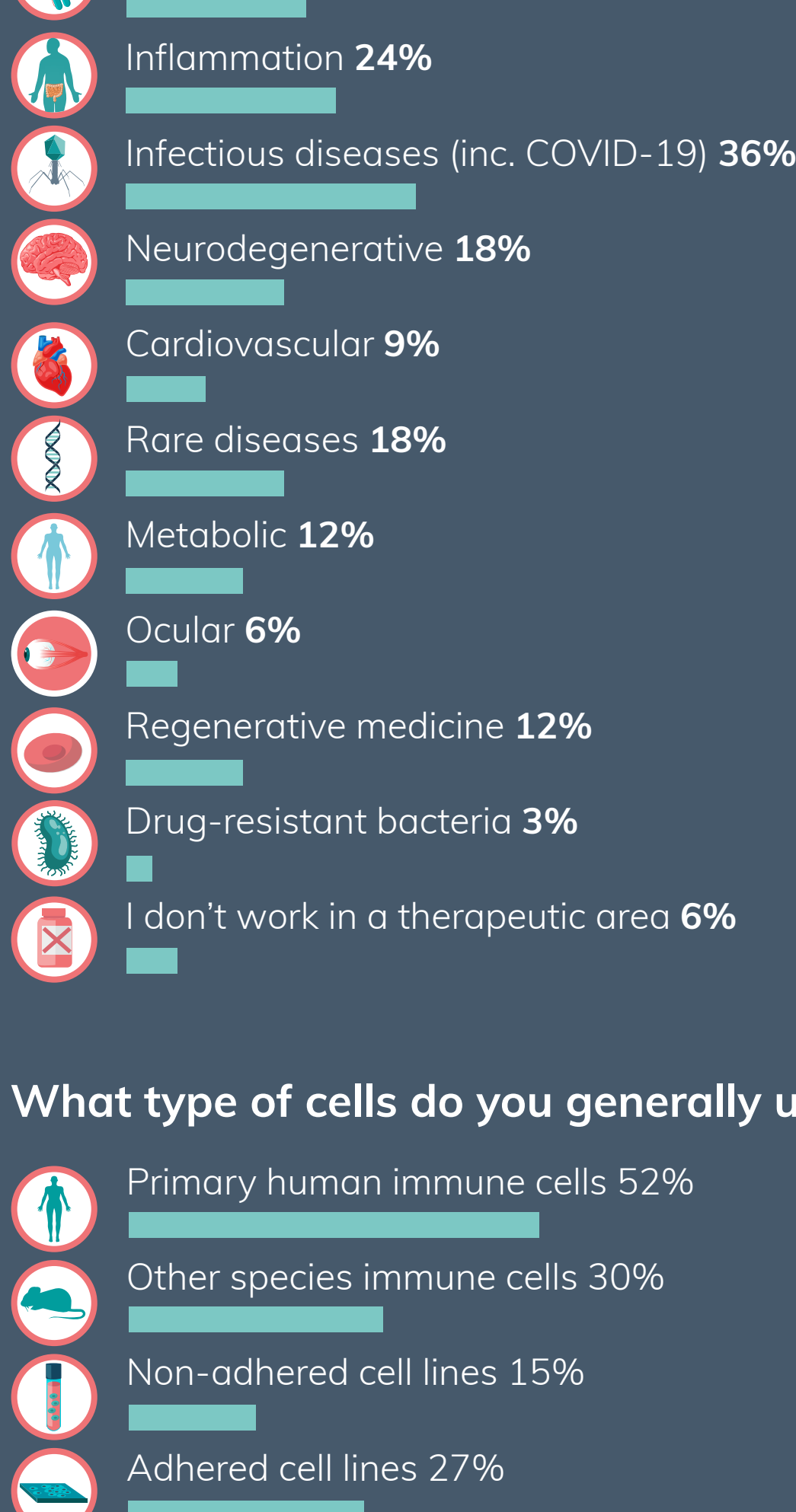
Key trends in antibody discovery

For our Spotlight on antibody discovery, we surveyed our audience to find out the latest trends, opinions and behaviors in the field.

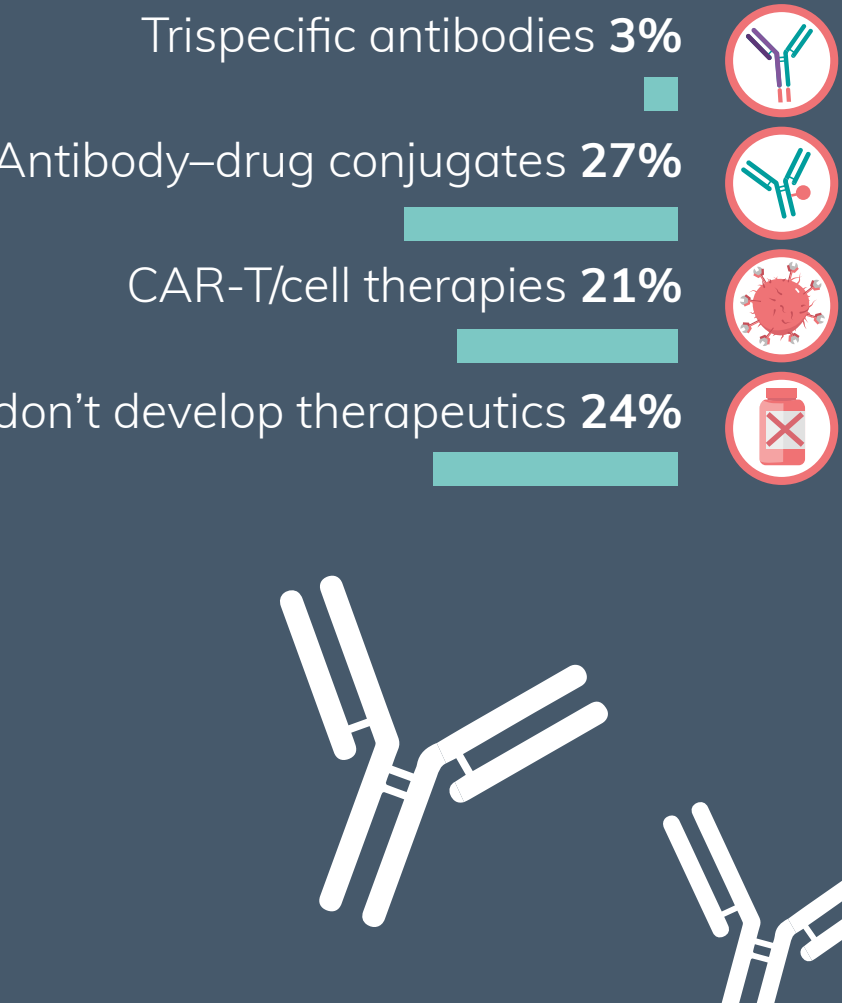
Your work

What therapeutic area(s) do you work in?

Over half the people surveyed worked in cancer research.



What type of therapeutics do you develop?



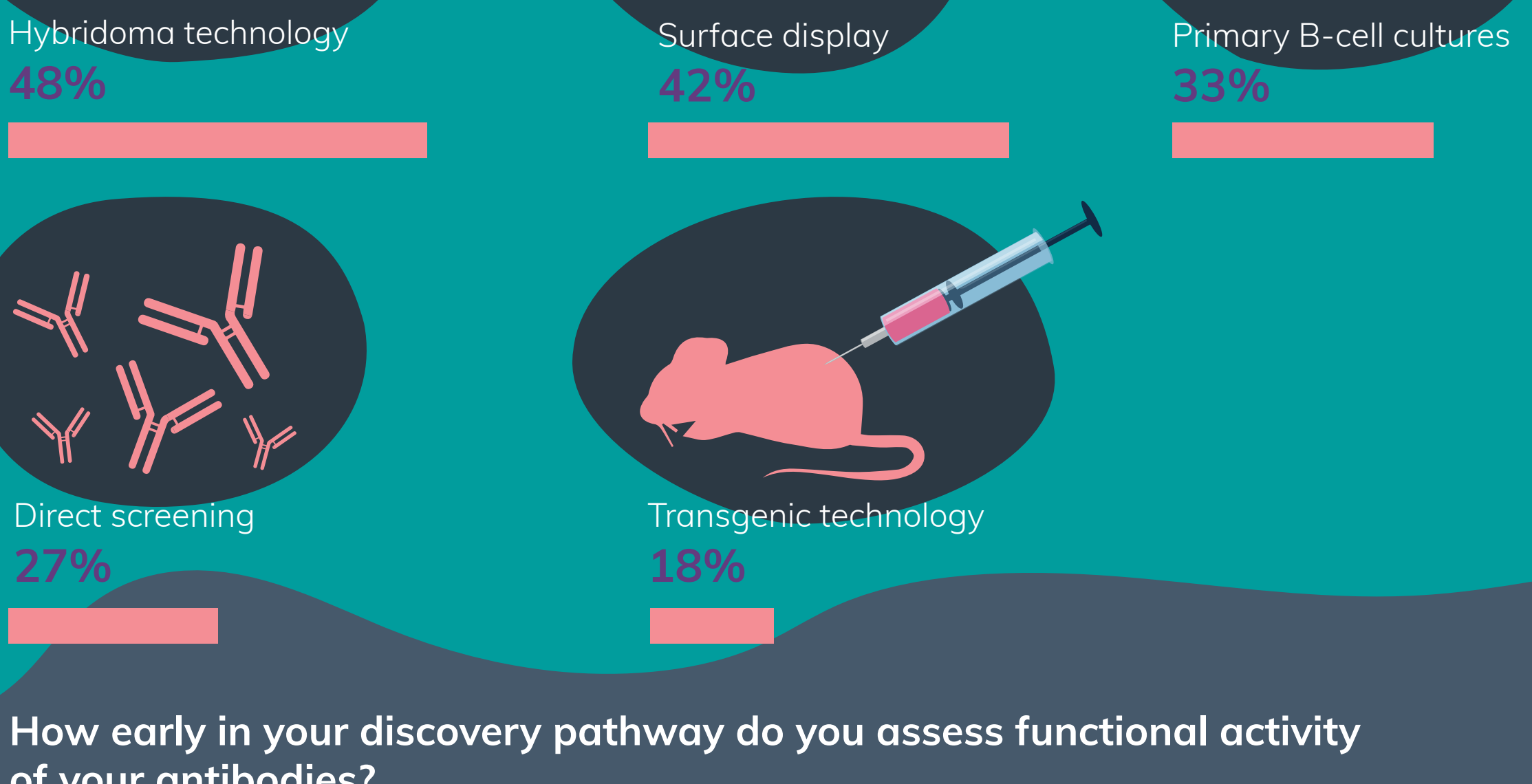
What type of cells do you generally use as a source?



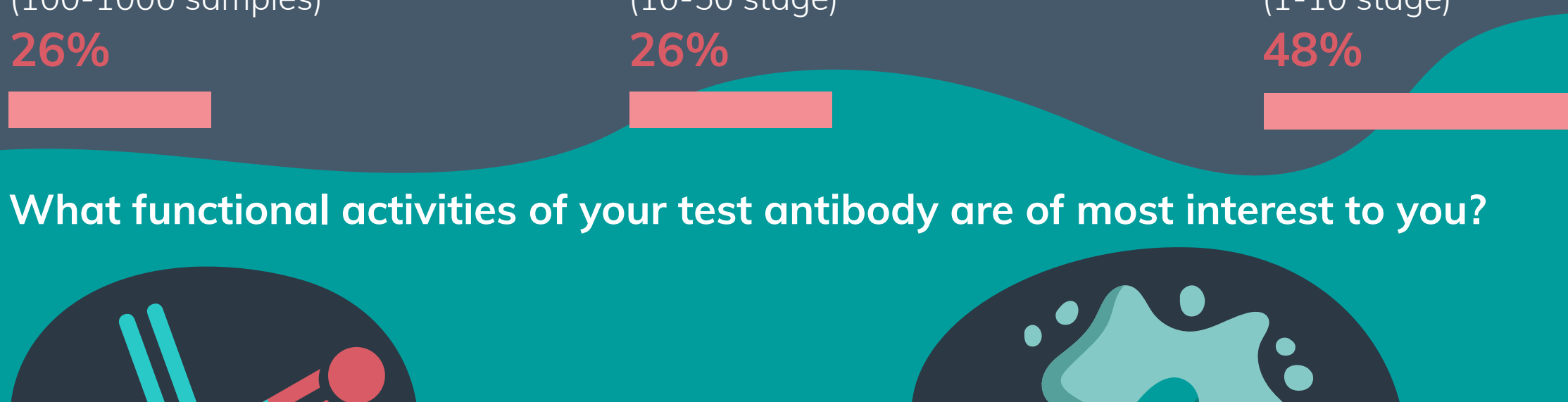
Discovery technologies

What technique(s) do you use for antibody discovery?

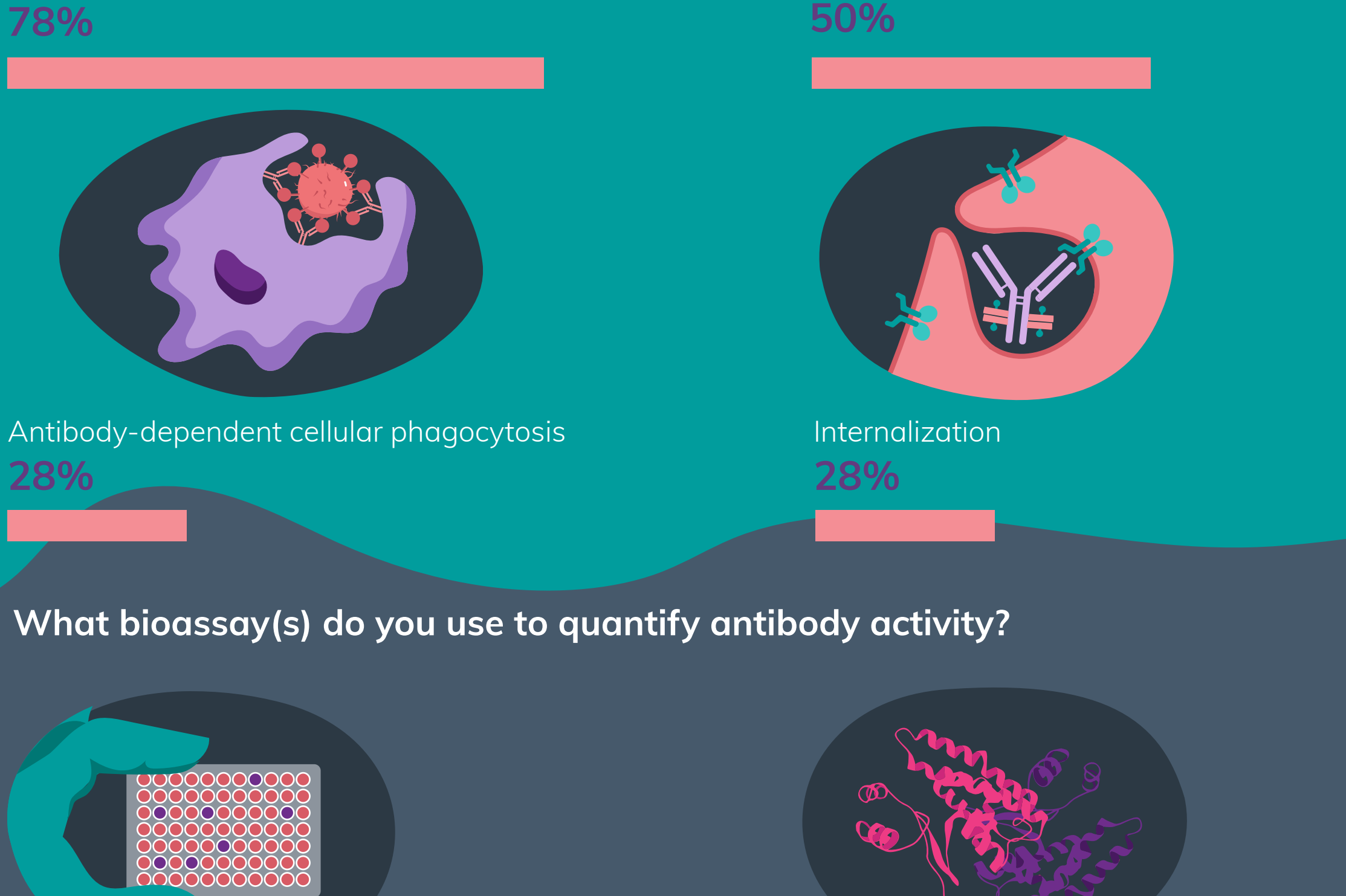
Hybridoma and surface display technologies were the most popular.



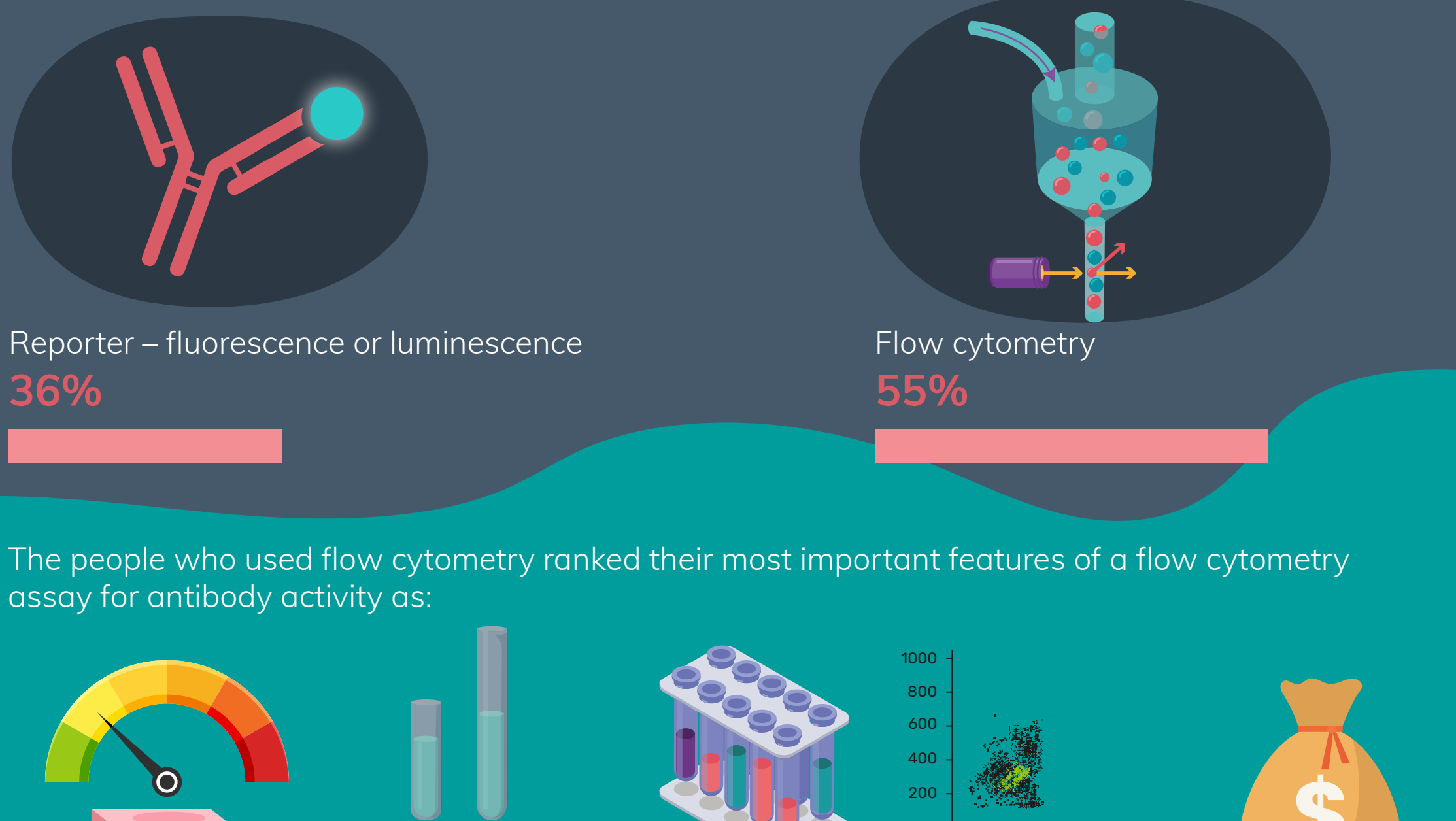
How early in your discovery pathway do you assess functional activity of your antibodies?



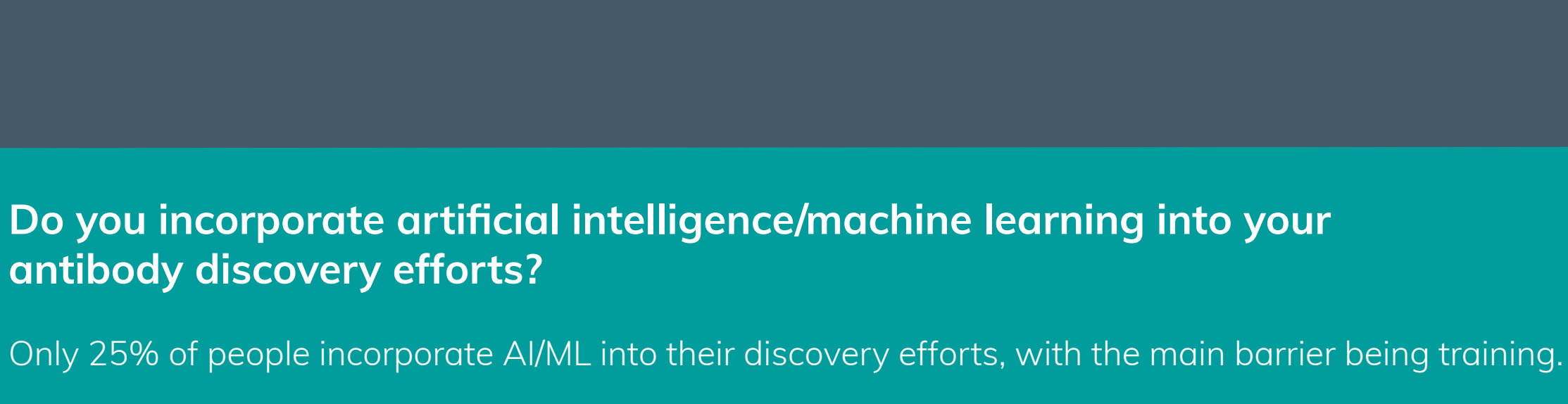
What functional activities of your test antibody are of most interest to you?



What bioassay(s) do you use to quantify antibody activity?



The people who used flow cytometry ranked their most important features of a flow cytometry assay for antibody activity as:

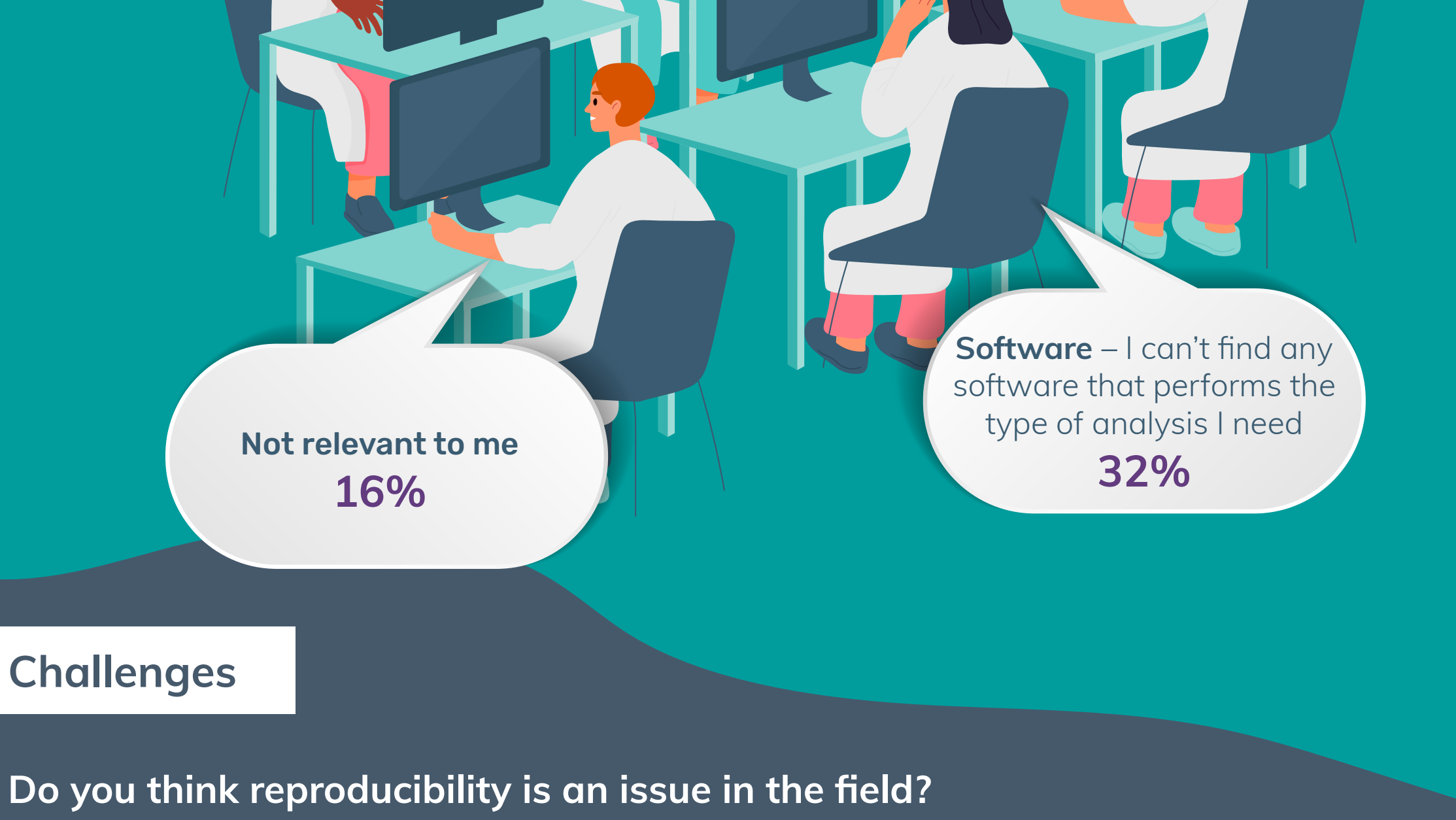


Do you incorporate artificial intelligence/machine learning into your antibody discovery efforts?

Only 25% of people incorporate AI/ML into their discovery efforts, with the main barrier being training.



What are the main barriers to this?



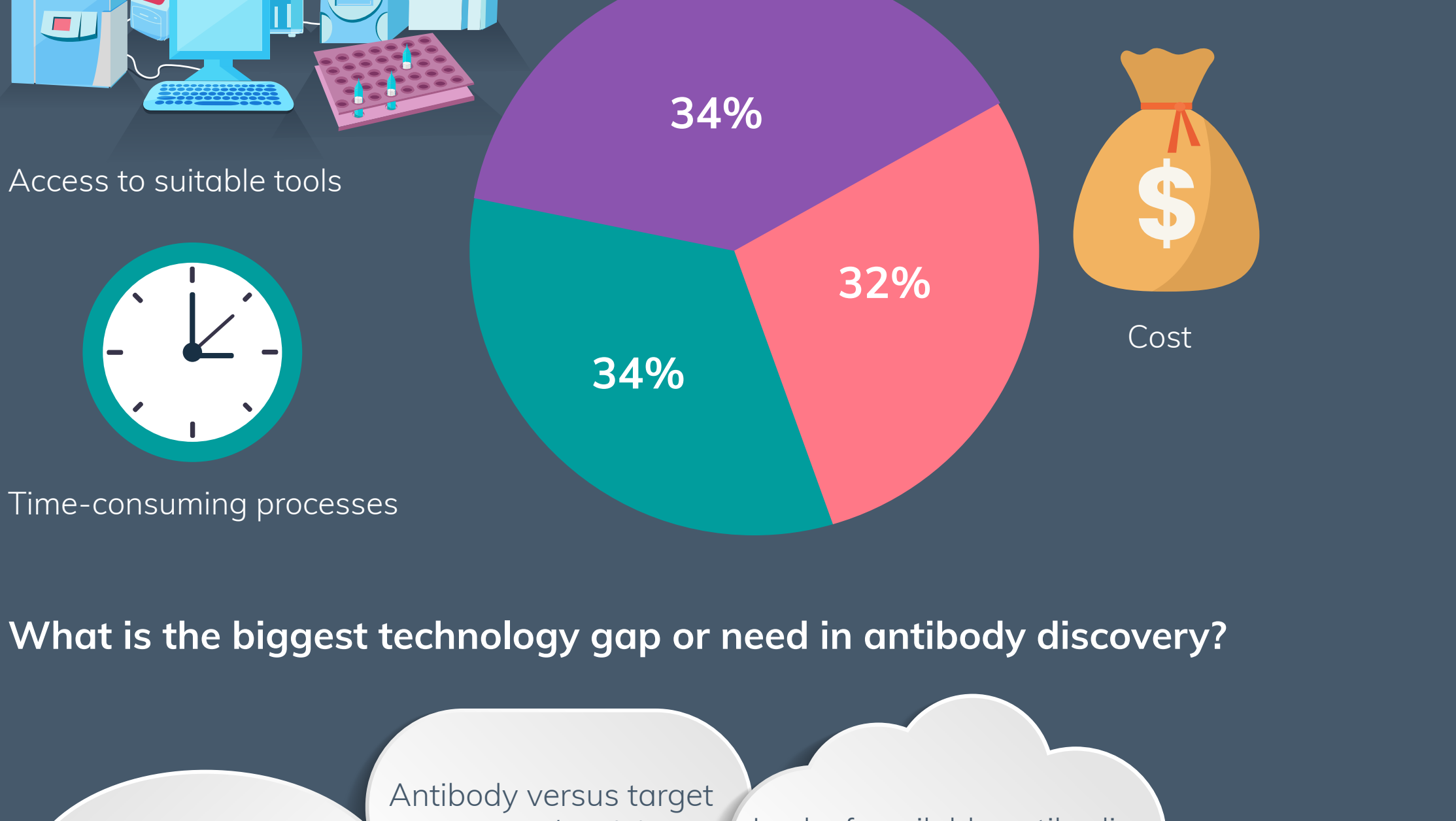
Challenges

Do you think reproducibility is an issue in the field?

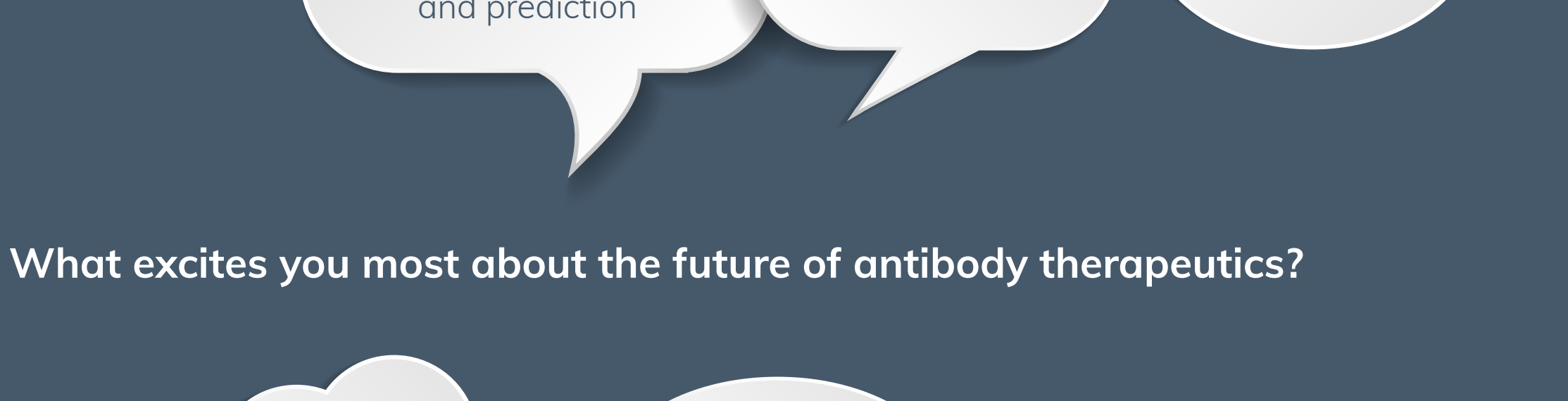


The majority of respondents thought reproducibility was an issue in antibody discovery.

What is the main challenge faced in antibody discovery?



What is the biggest technology gap or need in antibody discovery?



What excites you most about the future of antibody therapeutics?

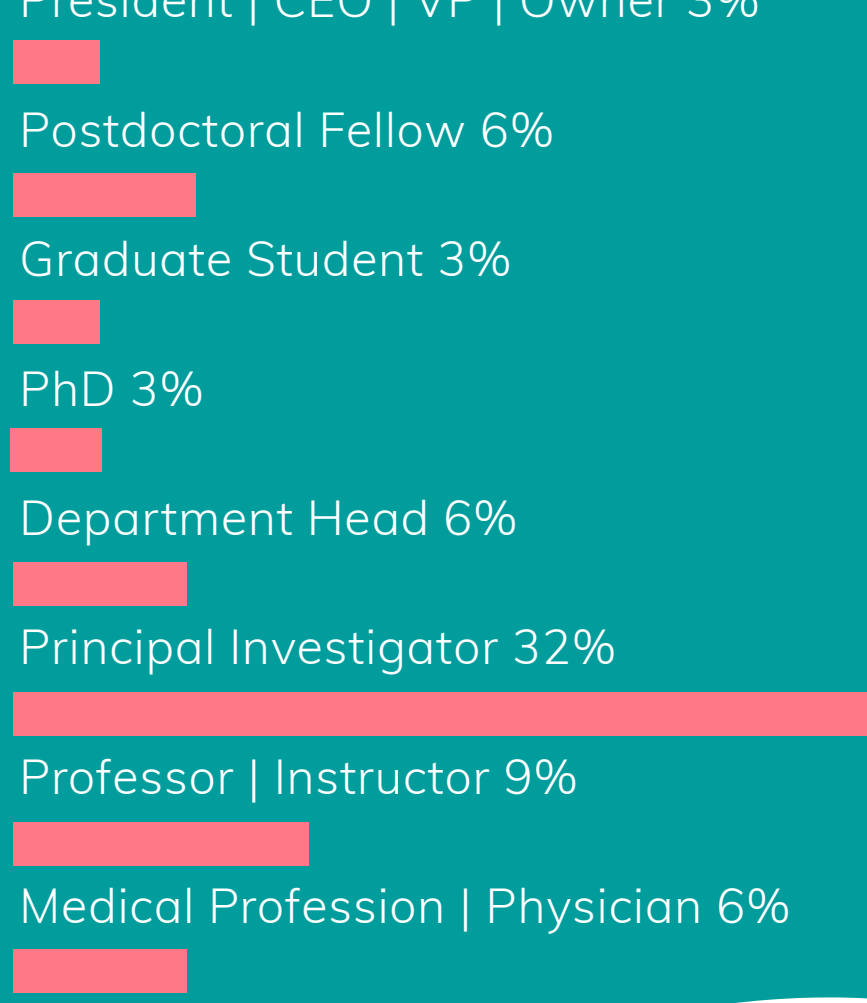


About the respondents

Location



Job role



Sector:

