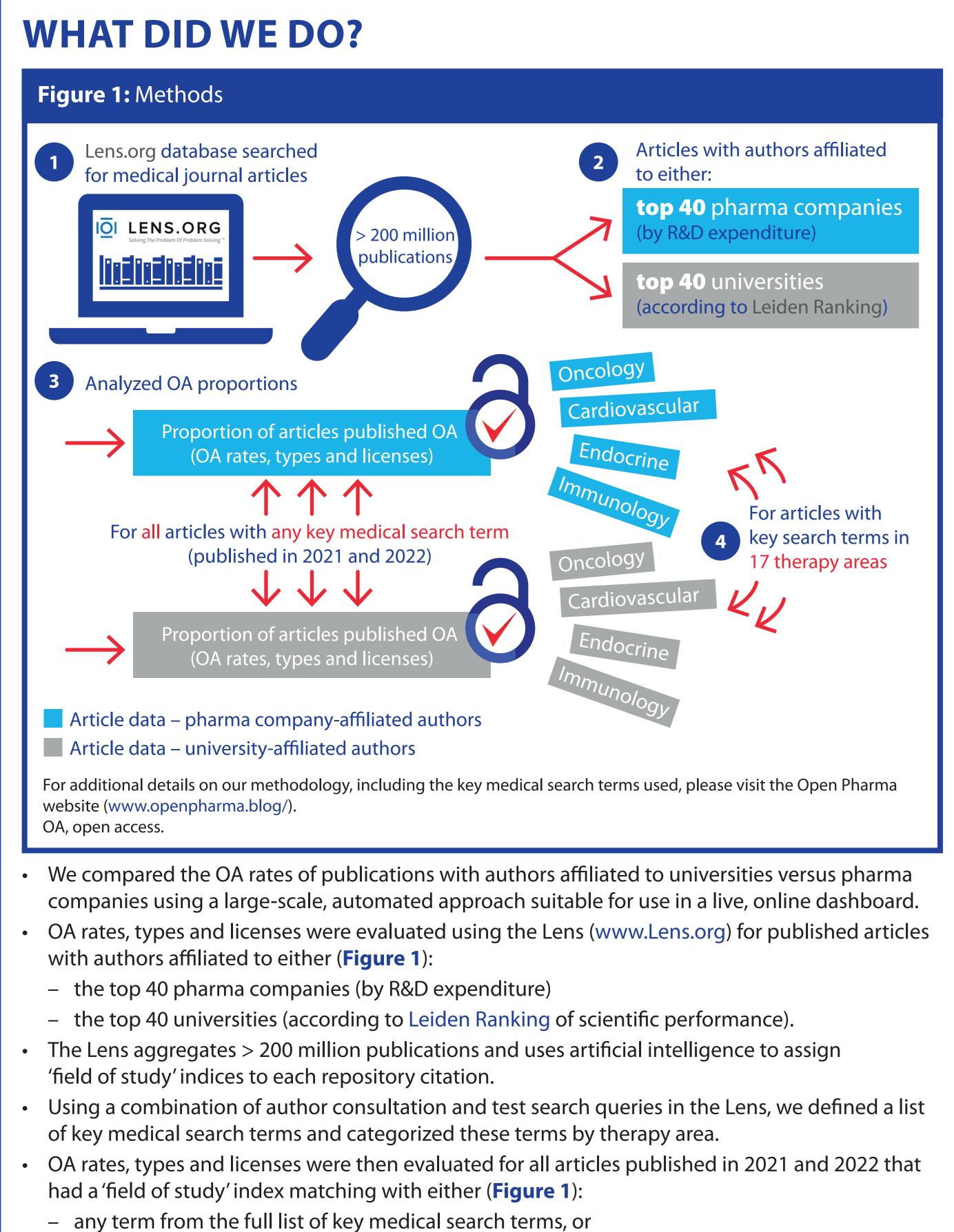
# OpenPharma

## Benchmarking open access in publications with authors affiliated to pharma companies and universities

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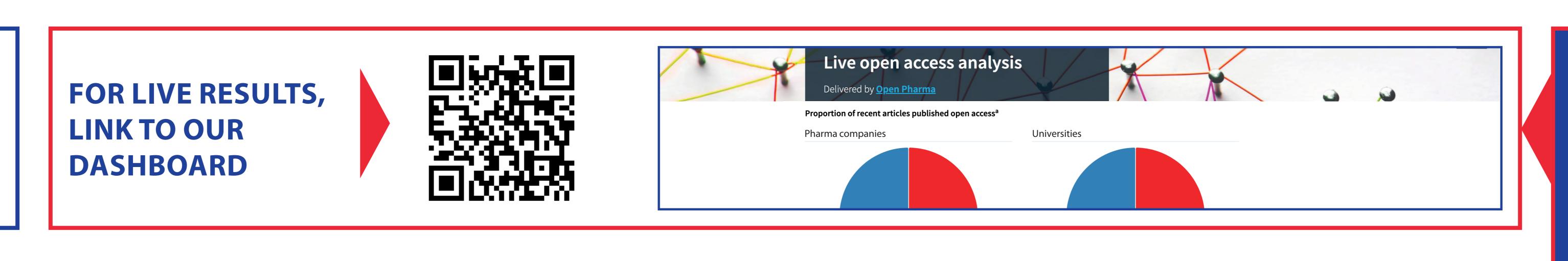
## WHY WAS THIS NEEDED?

- Open access (OA) publishing can improve transparency and help to foster trust in research.
- Benchmarking the proportion of OA publications (OA rate) allows us to understand barriers to OA publishing and set objective targets for increasing OA across different medical research settings. We previously measured the OA rates of publications with authors from pharmaceutical
- companies. However, the process was manual, restricted to publications with pharma company authors and did not include publications with university authors as a comparator.

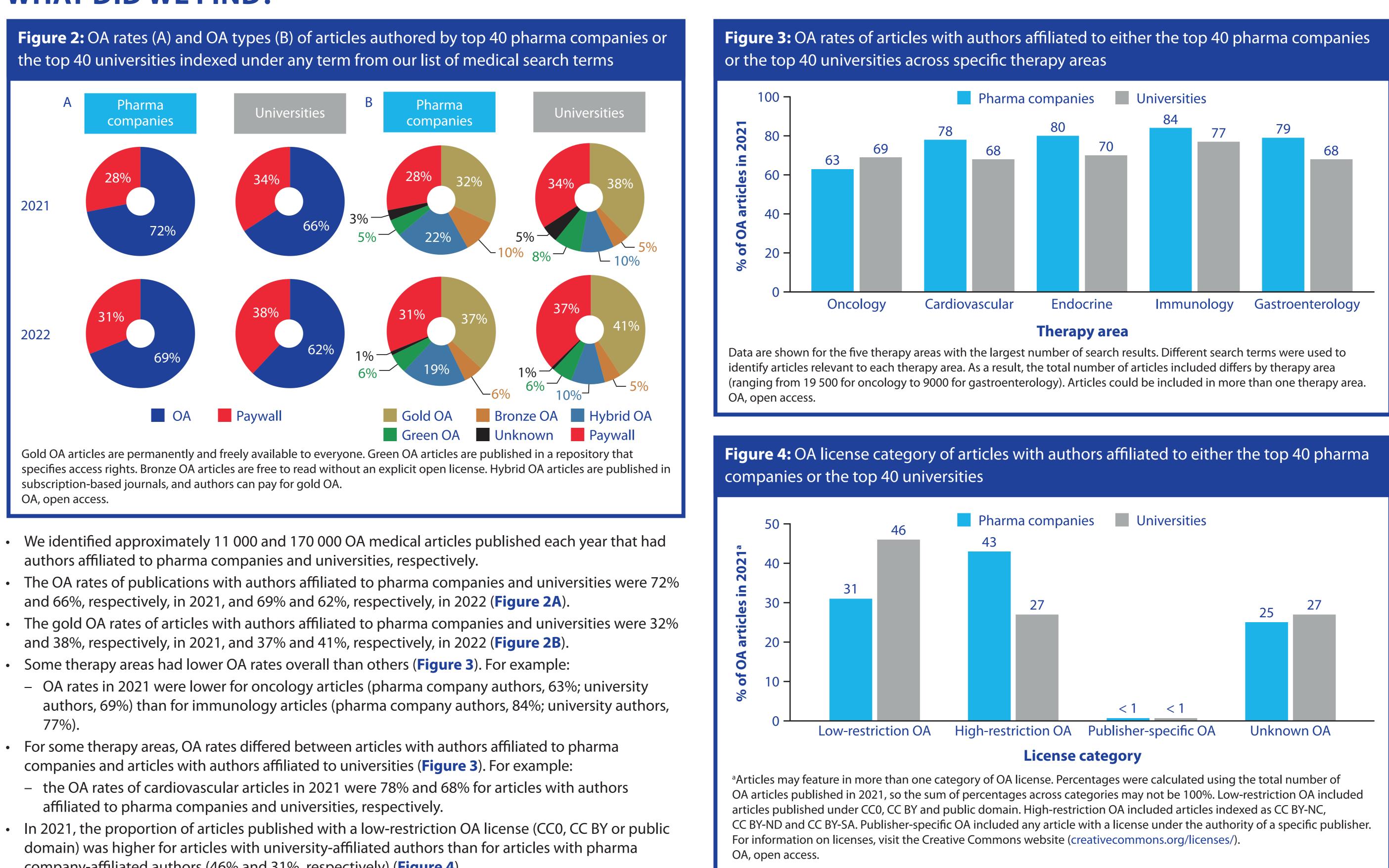


any term from therapy area groupings of key medical search terms.

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## WHAT DID WE FIND?



- company-affiliated authors (46% and 31%, respectively) (Figure 4).



#### WHAT DOES THIS TELL US?

- About two-thirds of articles with authors affiliated to pharma companies and universities are OA.
- Articles with university-affiliated authors are published with the most permissive license (CC BY) more often than articles with pharma company-affiliated authors; however, our analysis is not designed to determine whether this difference is driven by journal or author policy.
- OA rates vary between therapy areas and between articles with authors affiliated to pharma companies and universities in different therapy areas.
- The bespoke dashboard we created for this comparison is free to use and is publicly available online.

### LIMITATIONS

- The OA rates calculated for the past 18 months will change over time owing to repository update lag and embargo periods that affect the free availability of articles; therefore, the decline in OA rates in 2022 is likely to be an artifact.
- Publications are categorized into therapy areas and tagged as OA using an automated algorithm that may introduce inaccuracies.
- Publications with both pharma company- and university-affiliated authors will contribute to the OA rates of both data sets.
- Our method does not enable analysis of whether universities publish different types of articles than pharma companies and whether article type influences OA rates.

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#### DISCLOSURES

At the time of abstract development, LM was an employee and shareholder of, or held stock or stock options in, Alexion Pharma, Boston, USA. All other authors are employees of their respective affiliations, and VP, SB, TJK and TR are shareholders, or hold stock or stock options, for their respective affiliations.

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