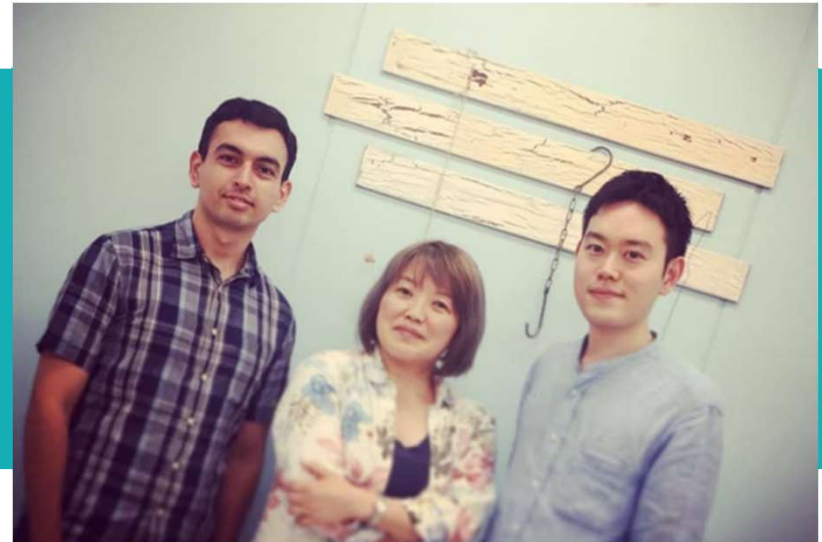




**AI-based article summarization
to learn more in less time**



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Language barriers slow down reading

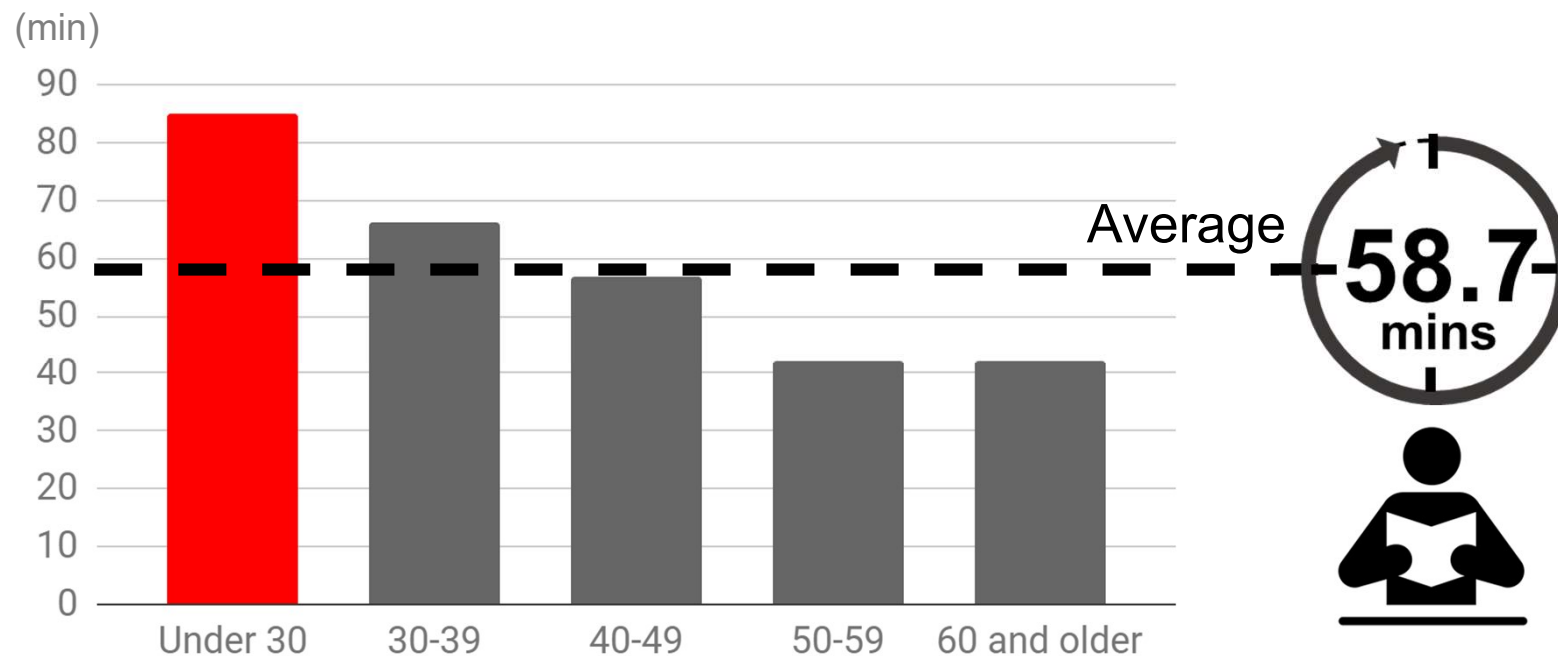


Tenopir, C., King, D. W., Christian, L., & Volentine, R. (2015). Scholarly article seeking, reading, and use: a continuing evolution from print to electronic in the sciences and social sciences. *Learned Publishing*, 28(2), 93-105. <https://doi.org/10.1087/20150203>



Tenopir, C., Christian, L., & Kaufman, J. (2019). Seeking, Reading, and Use of Scholarly Articles: An International Study of Perceptions and Behavior of Researchers. *Publications*, 7(1), 18. <https://doi.org/10.3390/publications7010018>

Younger ones are even slower



Tenopir, C., Christian, L., & Kaufman, J. (2019). Seeking, Reading, and Use of Scholarly Articles: An International Study of Perceptions and Behavior of Researchers. *Publications*, 7(1), 18. <https://doi.org/10.3390/publications7010018>

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Are university rankings useful to improve research? A systematic review

Vernon, Balas, Momani *PLOS ONE* 2018
<https://doi.org/10.1371/journal.pone.0193762>

What this paper is about

Introduction and Objective

- Considering the significance of university innovation, there is a pressing need for outcome studies and quality improvement initiatives in the research enterprise.
- Research quality issues exist within university research; in the last 10 years, several studies and commentaries have highlighted the need for improvement in transparency, replicability, and meaningful research outcome reporting.
- Assessment of the validity of research and academic quality indicators in university rankings is often unexplored; only once in the literature were two ranking systems so evaluated.

What you can learn

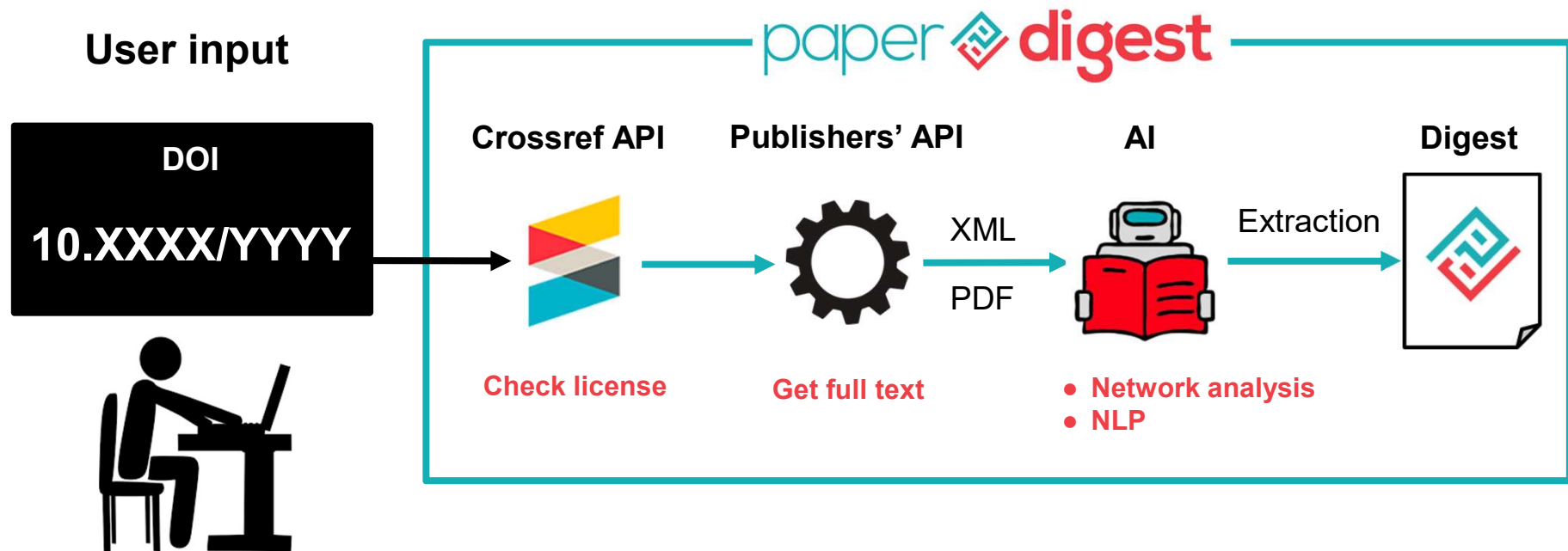
Results

- Excluded ranking systems were either no longer being published, did not include research performance indicators, or did not publish ranking methodologies.
- While the US News and World Report ranking of American universities was not eligible due to a lack of research performance indicators, the US News and World Report Global Ranking is included.
- Tables and list the indicators utilized by the ranking systems to evaluate research performance or quality.

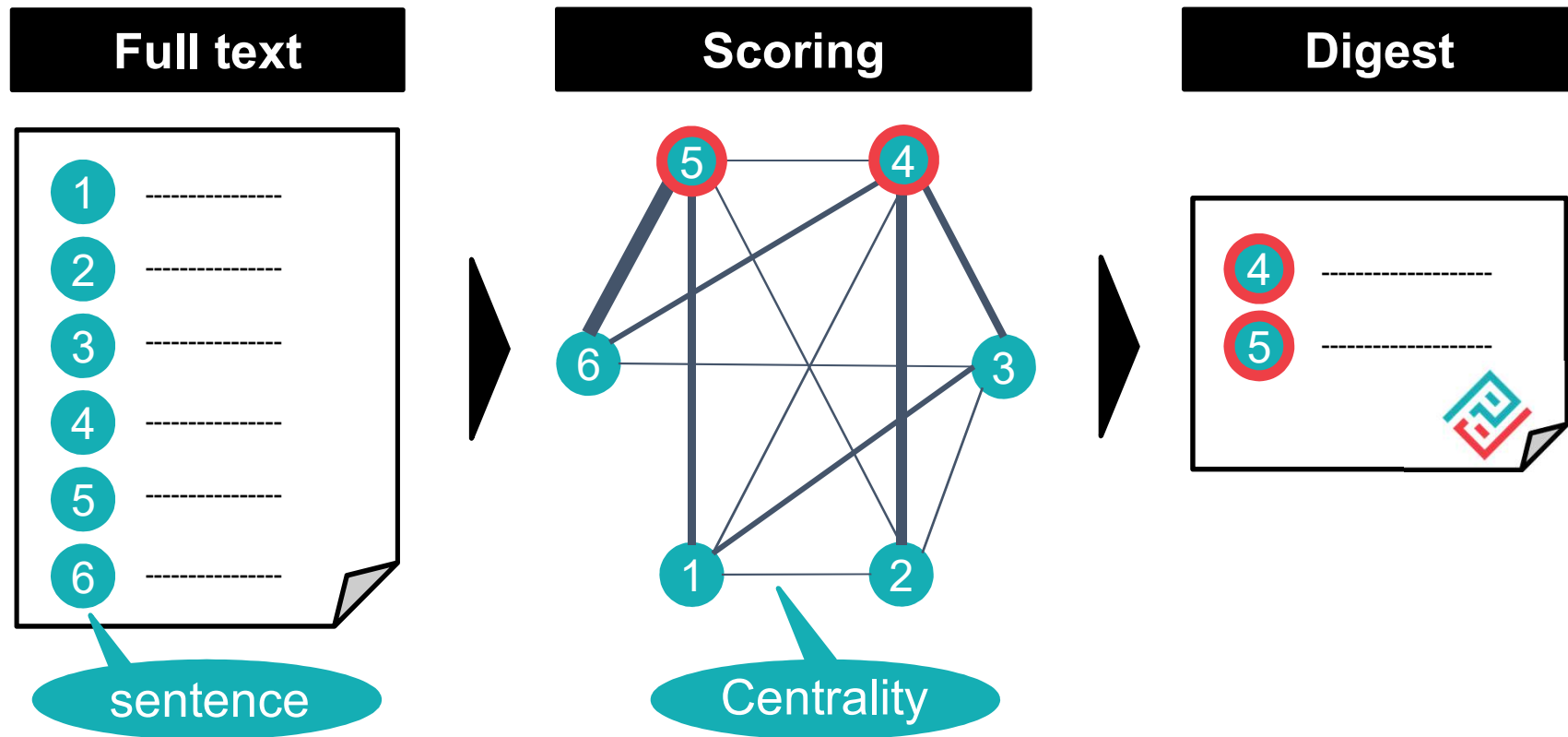
Discussion and Conclusions

- In our sample, eight of the thirteen systems include indicators to measure academic quality.
- Many ranking systems are marketed either for academic choice/comparison, yet, these indicators do not sufficiently reflect the teaching and learning environments of students.
- Consultation with ranking system developers and research administrators has provided support for the included list.
- There is a need for a credible quality improvement movement in research that develops new measures, and is useful for institutions to evaluate and improve performance and societal value.
- Quality over quantity should be emphasized to affirm research performance improvement initiatives and outcomes, which benefit society through scientific discovery, economic outcomes, and public health impact.
- We suggest that future research evaluate three dimensions of research outcomes: scientific impact, economic outcomes, and public health impact for evaluating research performance within an academic institutional environment.

Workflow



Conceptual model



Traction



Oct 2018

More than
4,500 users
90 countries

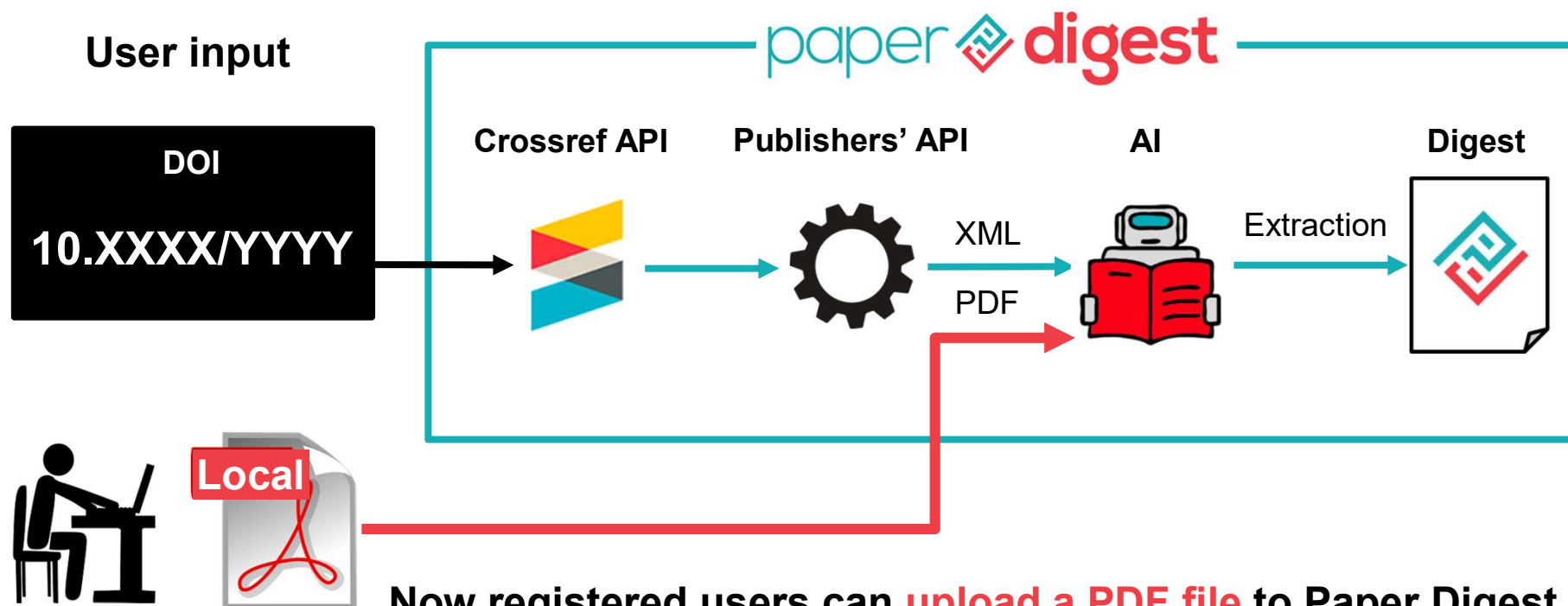
As of now

- | | |
|--------------------|--------------|
| 1. Japan | 6. Iraq |
| 2. United States | 7. Honduras |
| 3. China | 8. India |
| 4. Indonesia | 9. France |
| 5. United Kingdom | 10. Germany |

Top 10 countries

NEW

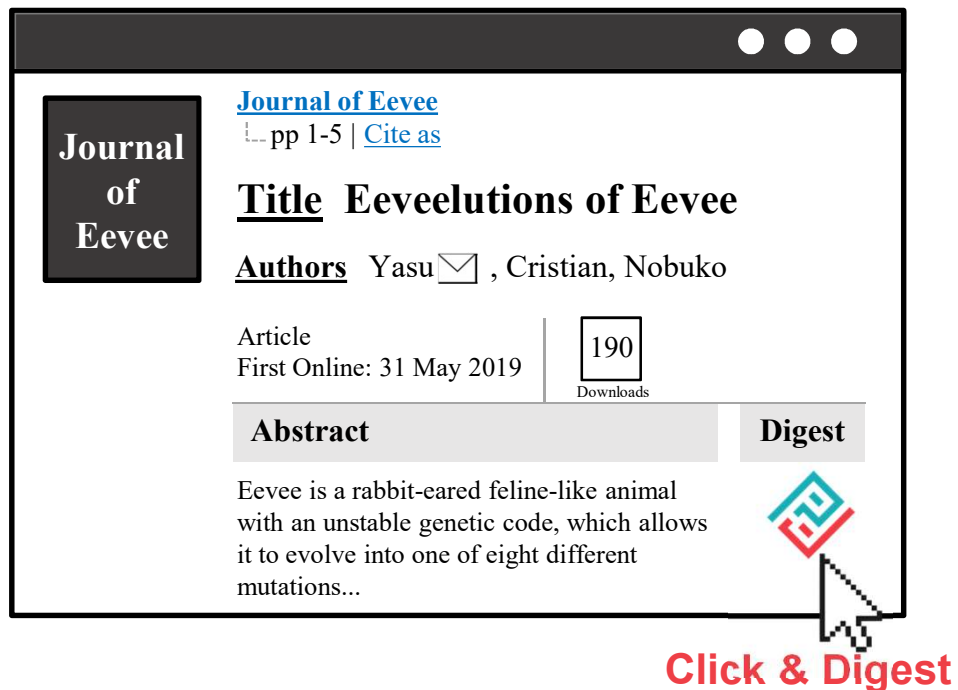
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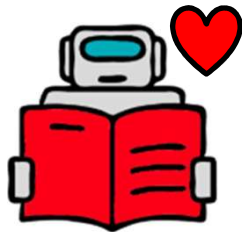
AI-aided **Human**-summarization



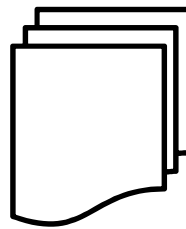
Future developments

User feedback

- ♡ Blah blah blah
- ♡ Blah blah blah
- ♥ EUREKA! EUREKA!



Multi-inputs



Lay summary

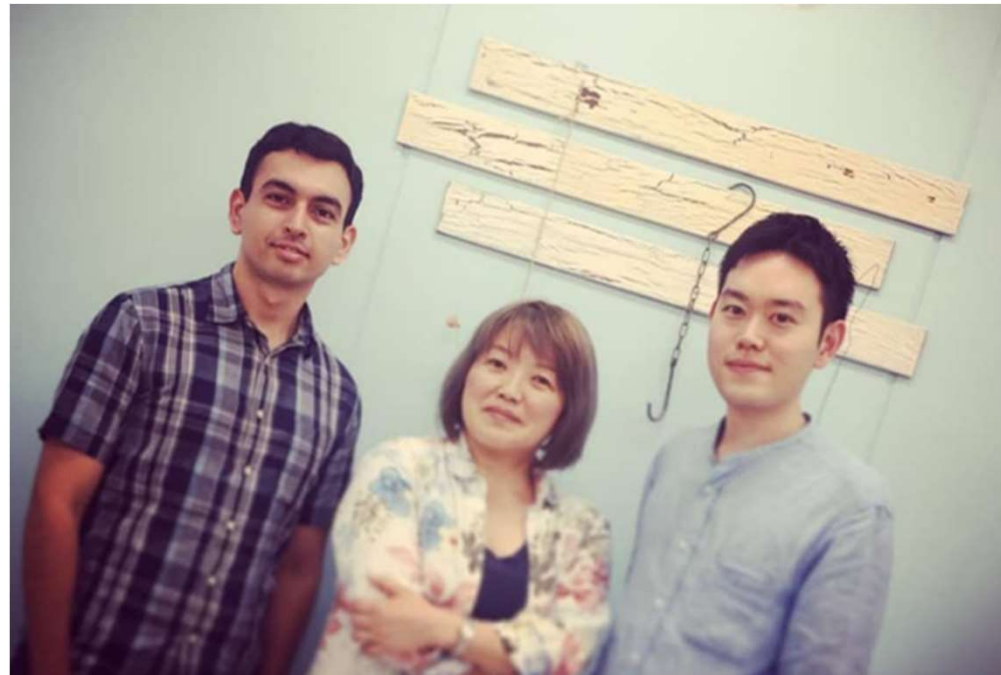
Extraction-based

We demonstrate that PD-1 knockdown on HBV-associated, HCC antigen-specific T cells boosts their effector function and capacity to kill tumor cells in a PD-L1hi 3D microfluidic system.

Abstraction-based

A two-pronged genetic manipulation of T cells of the human immune system could lead to more effective cancer treatments.

Questions? Come find us!



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