Simple Instructions to the 2025 ASMS Collaborative Map and VOSviewer Online

What is the ASMS Collaborative Map?

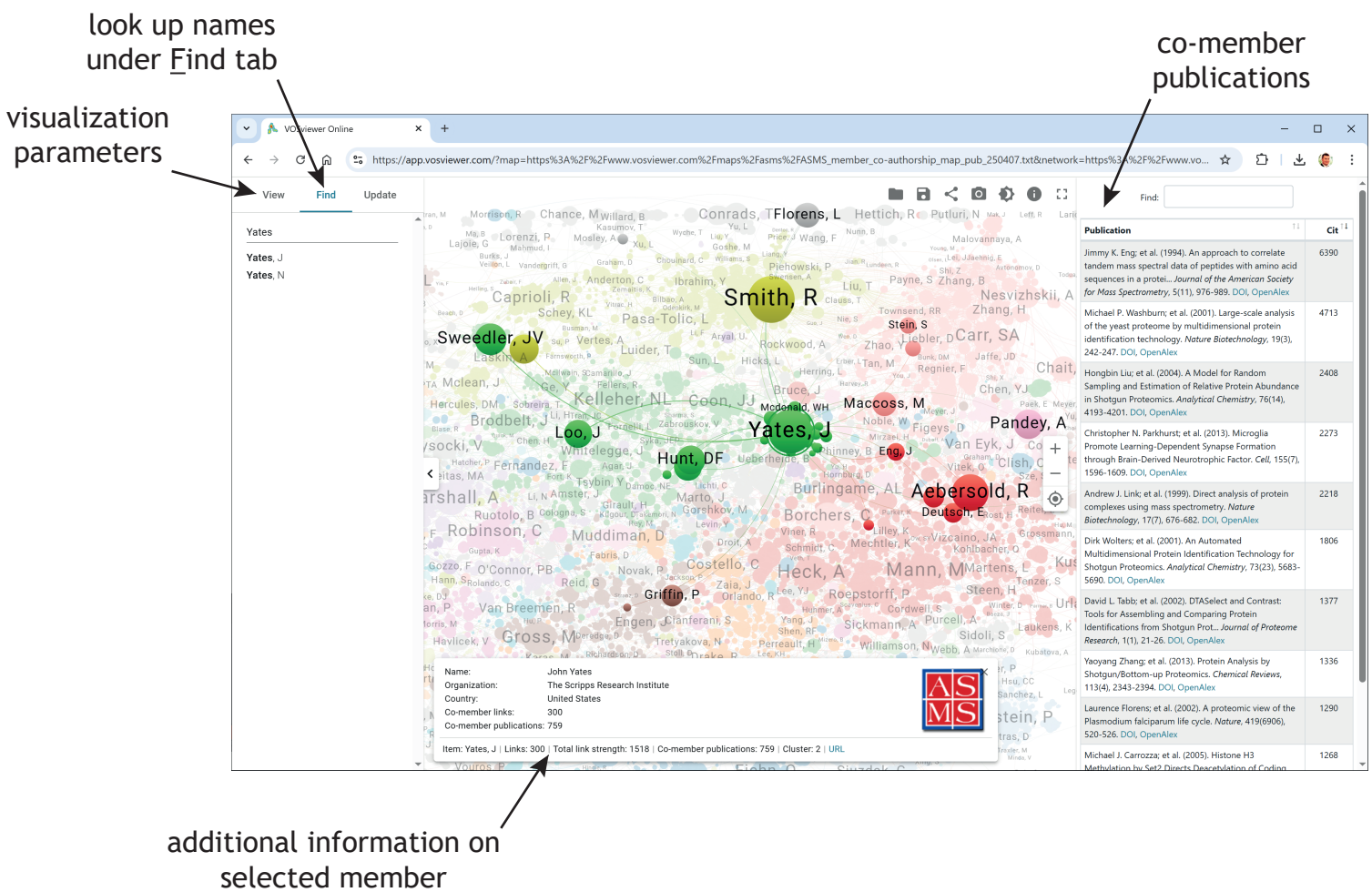
- The map shows 10,492 recent members as nodes connected in a single co-authorship network.
- The strength of the links are proportional to the number of co-authored publications 1980-2025.
- The network is based on 83,445 publications co-authored by at least two ASMS members.
- Many pairs have co-authored multiple publications, giving a total of 251,888 co-authorships.
- The pairs of members having a long history of local collaboration have the strongest links.

How was the ASMS Collaborative Map made?

- The OpenAlex open data source of the scientific papers, authors and institutions was used.
- Member names and cleaned affiliations were matched to unique authors in OpenAlex using name variants, affiliations, emails and ORCIDs in a rule-based algorithm for author-name disambiguation.
- Co-authorship links were used to group the members into clusters of strongly interconnected individuals. The members of a cluster are shown in the same color and located near each other.

How to explore the ASMS Collaborative Map using the VOSviewer Online?

- Use the mouse to drag, zoom in and zoom out on the map.
- Change the visualization style or look up specific members:



Open map in VOSviewer Online: https://tinyurl.com/28zpyeuv