**Supplemental Appendix:** Results of combined search, original search, and bridge search

**Supplementary file 1a: Original search.** Conducted on Oct. 22, 2022. Includes articles made available in the databases through Oct. 22, 2022**.**

| **Step** | **Search Terms** | **Medline** | **PsychInfo**  |
| --- | --- | --- | --- |
| 1 | (misinformation or disinformation or conspiracy theory or rumor or fake news) | 6,248 | 12,908 |
| 2 | (social media) or (social network and online) or (social network and digital) or (social network and internet) | 31,155 | 63,944 |
| 3 | (COVID) or (SARS-CoV-2) | 304,144 | 32,614 |
| 4 | vaccine and (hesitancy or uptake or intention) | 14,105 | 4,856 |
| 5 | HPV or HBV | 97,923 | 6,459 |
| 6 | Research Question 1: Searches 3, 4, and 5 combined with the Boolean term “and” | 55 | 202 |
| 7 | Research Question 2: Searches 1, 2, 3, 4, and 5 combined with the Boolean term “and” | 5 | 49 |

**Supplementary file 1b: Bridge review.** Conducted on June 6, 2023. Includes articles made available in the databases from Oct. 22, 2022, to May 31, 2023.

| **Step** | **Search Terms** | **Medline** | **PsychInfo**  |
| --- | --- | --- | --- |
| 1 | (misinformation or disinformation or conspiracy theory or rumor or fake news) | 920 | 1,703 |
| 2 | (social media) or (social network and online) or (social network and digital) or (social network and internet) | 4,216 | 8,614 |
| 3 | (COVID) or (SARS-CoV-2) | 55,844 | 16,382 |
| 4 | vaccine and (hesitancy or uptake or intention) | 2,206 | 805 |
| 5 | HPV or HBV | 3,425 | 414 |
| 6 | Research Question 1: Searches 3, 4, and 5 combined with the Boolean term “and” | 29 | 112 |
| 7 | Research Question 2: Searches 1, 2, 3, 4, and 5 combined with the Boolean term “and” | 2 | 39 |