

Table S1 Summary of the search strategy

Items	Specification
Date of search	November 7, 2025 & January 29, 2026
Databases and other sources searched	PubMed, Embase (1/29/26 only), Scopus (1/29/26 only), Google Scholar (1/29/26 only), and WHO Global Index Medicus (1/29/26 only)
Search terms used	adriamycin; androgen; anthracycline; antiandrogen; bladder; cancer; chemotherapy; chemoresistance; cisplatin; doxorubicin; epirubicin; gemcitabine; intravesical; methotrexate; mitomycin; receptor; tumor; urothelial; vinblastine
Timeframe	Articles published or made available online from January 1950 to January 2026
Inclusion and exclusion criteria	Original research, review, and meta-analysis articles published in English
Selection process	Two authors (T.A. and G.Y.) independently conducted the initial selection; The third author (H.M.) decided the final selection, while common consensus was reached by all three authors