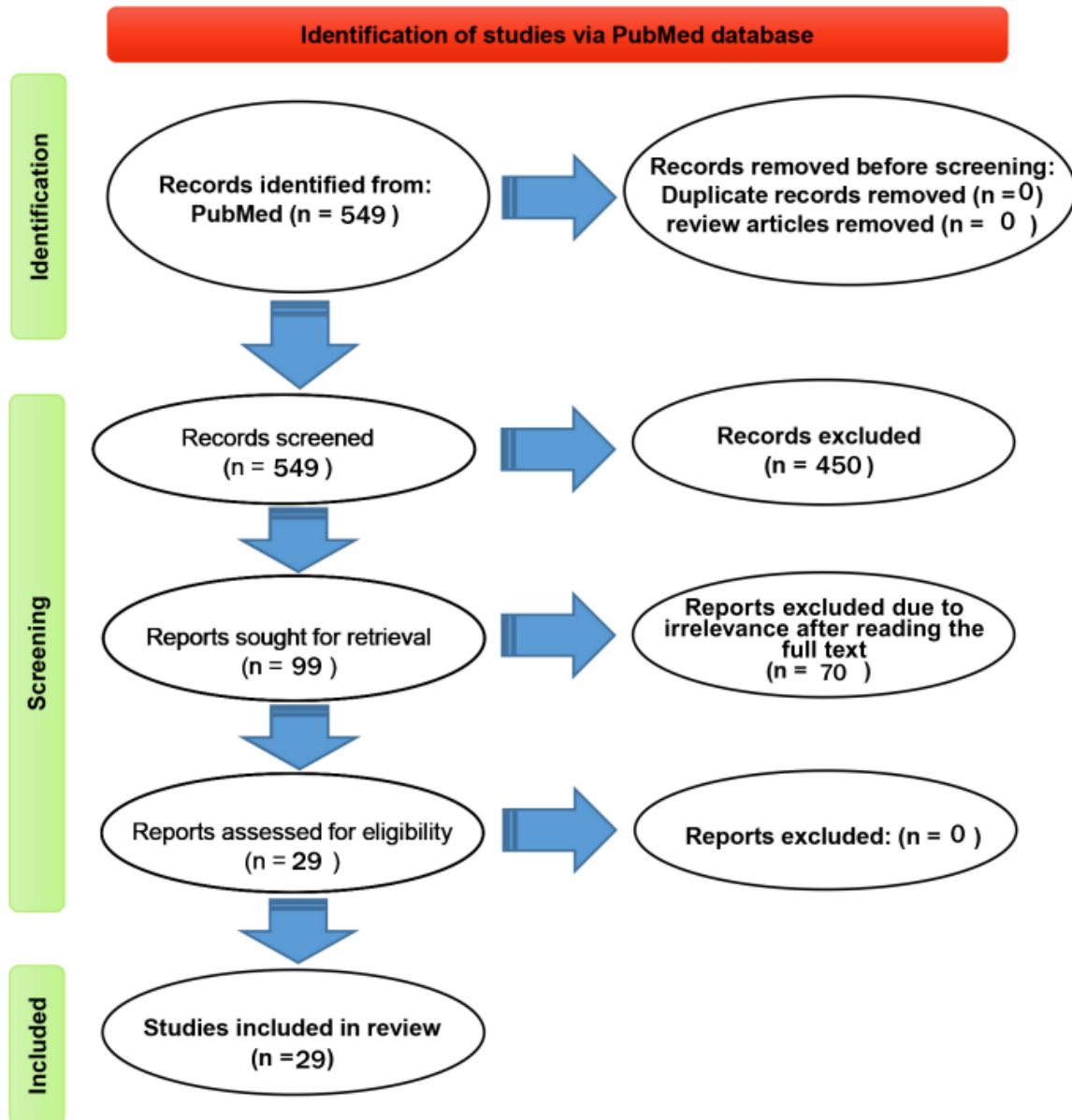


Supplementary Materials

Appendix 1



Appendix 2. PRISMA 2020 checklist

Section	Item	Checklist item (abridged)	Location in manuscript
Title	1	Identify the report as a systematic review.	Title
Abstract	2	Provide a structured summary of the review.	Abstract
Introduction	3	Describe the rationale for the review.	Introduction
Introduction	4	Provide an explicit statement of the objective(s).	Introduction
Methods	5	Specify inclusion/exclusion criteria.	Methods
Methods	6	Specify information sources and search strategy.	Methods; Supp. Table S2
Methods	7	Describe selection process (e.g., number of reviewers).	Methods
Methods	8	Describe data collection process.	Methods
Methods	9	List and define data items.	Methods
Results	10	Describe results of the search and selection.	Results; Supp. Fig. S1
Results	11	Cite studies included in the review.	Results; Tables 1–3
Discussion	12	Discuss limitations of evidence and review processes.	Discussion
Discussion	13	Discuss implications of results.	Discussion

Appendix 3. Full PubMed search strategy (reproducible syntax)

Database	PubMed
Date of last search	(2025-12-09)
Filters	English; 2015–2025
Full search query	("Anticancer"[Title/Abstract] OR "Antitumor"[Title/Abstract] OR "Cytotoxic"[Title/Abstract]) AND ("Peptide"[Title/Abstract] OR "Peptidomimetic"[Title/Abstract] OR "Bioactive peptide"[Title/Abstract]) AND ("Lung"[Title/Abstract] OR "Pulmonary"[Title/Abstract]) AND ("In Vivo"[Title/Abstract] OR "Animal"[Title/Abstract] OR "Xenograft"[Title/Abstract]) (“2015/01/01”[Date – Publication] : “2025/12/31”[Date – Publication]) AND English[Language]