

Identification

Electronic database search

- Pubmed - 494
- Embase - 64
- Cochrane Library - 23

Screening

512 records after duplicates removed

Excluded based on title and abstract review - 373

- proteomics, genomics or transcriptomics
- animal, plant or cell models
- mechanisms
- drug using
- technology assessment

Eligibility

512 abstracts reviewed

9 additional records identified through searching references in the original texts

104 full texts reviewed

Included

67 articles in the systematic review

Excluded - 37

- texts unavailable
- animal, plant or cell models
- about proteomics
- concentrate on all types of dementia and MCI
- reviews or opinion articles
- lack differentiated metabolites (e.g. differentiated ratios or results unavailable)