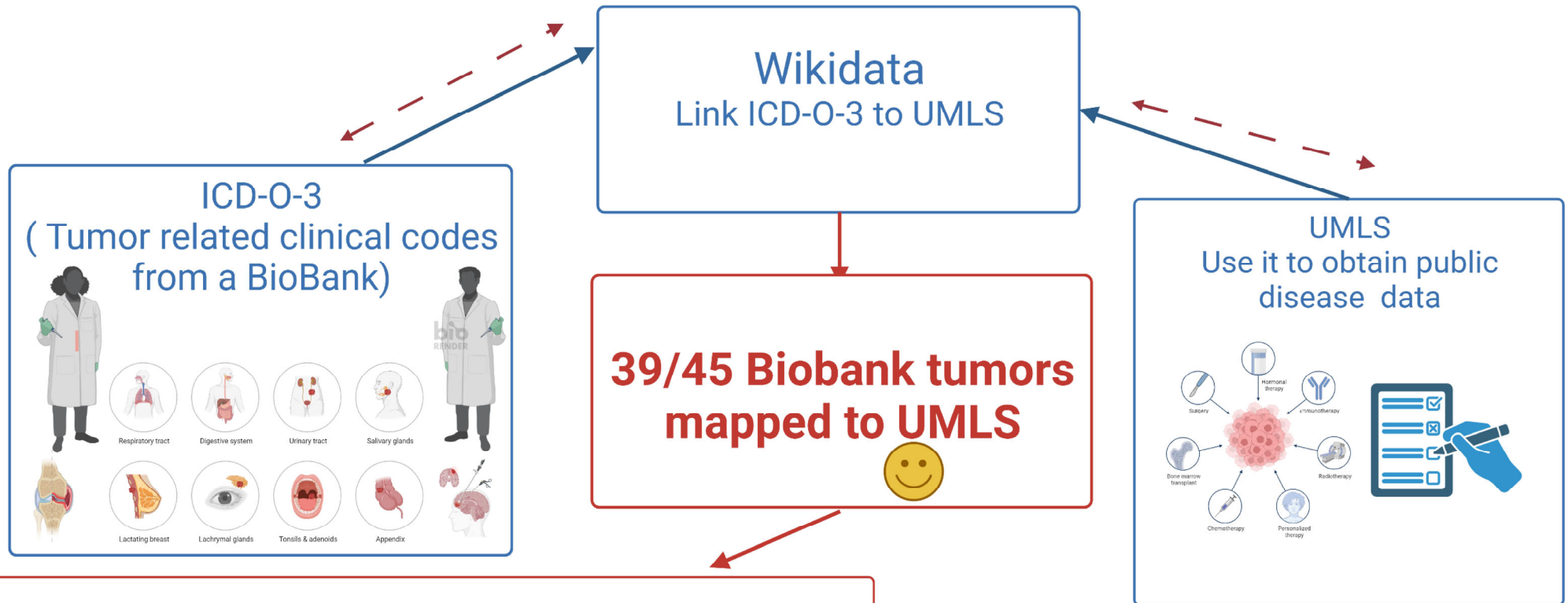


Developing tools to provide public database information to clinicians: Mapping clinical ICD_O-3 (cancer codes) to UMLS



Causes of mismatch:



1. Class disambiguity
2. Does not exist in wikidata
3. Different degree of granularity between Wikidata and ICD-O-3 attributes

How to fix:

1. Improve the query using all relevant classes
2. Add the cancer instance to the Wikidata
3. Use related match instead of exact match



Biological usecases:

1. List of contraindications of drugs
2. List of disease associated genes
3. Disease descriptions

