Testquestions for MediQASt

MediQASt (Medical Question Answering on Structured Data) is a search engine which shall answer medicine related questions based on RDF data. In order to evaluate and improve its performance, realistic and meaningful test questions are necessary.

# Examples

* Who died of asthma?
* What is the connection between CID0000001046 and Pyrazinamide?
* Which medicine contains acetylsalicylic acid?
* What are Narcolepsy and Kleine-Levin syndrome?
* Which drug has the side effect haemorrhage and also the side effect with the id C0002792?
* What is the definition of lung cancer?
* What are types of cancer?
* What are haemorrhoids?
* Which drugs have fever as a side effect?
* Which drug can have the side effect amnesia?
* Where is the liver?
* Which effects can be caused by Pyrazinamide?
* What is the ICD definition of cancer?
* Which product of Getz Pharma helps against ulcerative proctitis?
* Which injury has the MEsH ID D002056?
* What is Nexium?
* Who was Mr. Hirschfeld?
* What is athlete’s foot?
* What are ribs?
* What are both malignant mesenchymal neoplasms and benign vascular neoplasms?
* Which drugs can be used for tuberculosis?
* Which disease is the death cause of a relative of Patrick Cudahy?

# Restrictions:

Useful test questions have to be written in English and not longer than 20 words. As the available data is derived from public knowledge sources, questions targeting specific cases/patients are not meaningful (e.g. ‘Who treated patient XY last week?’). Also

* Existential (‘Is there XY?’ / ‘Does XY exist?’)
* Yes/No (‘Is cancer a disease?’)
* Aggregation (‘How many … ?’, ‘What is the ratio of … ?’)
* Negative (‘Which/Who did not … ?’)

questions are (for now) not answerable.

‘Good’ questions aim for a concrete solution containing one or a small set of answer objects and describe this solution with one or two facts. Also the expected correct answers are an essential part of each test question.