Scientific Publication

Automatic classification of histopathological diagnoses for building a large scale tissue catalogue

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Robert Reihs and colleagues present in this paper an automatic classification system for pathological findings on the example of a 1.4 million tissue samples described by free text records over 23 years.

Exploring knowledge out of this "big data" pool is a challenging task, especially when dealing with unstructured data spanning over many years. The classification is based on an ontology-based term extraction and decision tree build with a manually curated classification system. ...

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