Figure 2: Step by Step Procedure and tools used

PubMed search Engine

WordNet, BioNLP

Stanford NLP

Abstract Retrieval

Predicates

Triplet Extraction

Relation Analysis

Abstracts

WordNet

TF-IDF

BioNLP

OWL, RDF

Validation

Data

Knowledge Graph Construction

Properties

Finalization of Data

Entities

Subjects & Objects

Data Analysis