## Documentation of the ROC+ session:

## What was the goal?

Our aim was to complete the vocabulary through collecting terms, synonyms, and taxonomical hierarchy from domain experts.

* Synonyms,
* Class hierarchy,
* Relations,

## What did we achieved?

|  |  |
| --- | --- |
| **Name** | miapevocabulary |
| **Short Name** | miape |
| **Description** | minimum information about proteomic experiment |
| **Default Language** | en |
| **Languages** | English |
| **Nr. of Concepts** | 237 |
| **Nr. of Narrower Relations** | 10 |
| **Nr. of RelatedTo Relations** | 208 |
| **Nr. of Synonyms** | 105 |

## The context of the workshop:

Number of participants: 10 people from laboratory of chemistry department -- Wageningen UR

I noted down a couple of things that people mentioned about how they write up their research, and comments about my proposed method and ultimate software.

* Descriptions often refer to another article in which the method is described, particularly for frequently reused methods.
  + This indicates that authors mostly give a reference to a protocol or a method used and do not repeat it in the method sections
* Some information may only be mentioned in the title. For example, the full name of the column may be mentioned in the title, and from then on they will only use the word ‘column’, as it should be clear what sort of column.
* Terms may also be mentioned in full as first, but later only as acronyms or abbreviations.
* One possible relation between terms, is terms that can be confused with each other – e.g. ‘suspension’ and ‘solution’ . This is a frequent error in papers.
* Some method information appears in the Materials section, some in the analysis sections. Chromatography is only one of many possible analysis methods, so only part of the paper is specifically about chromatography. The preparation of the samples for the chromatography can appear in the Materials section. [**This is very important.]**
  + Description about chromatography experiment can be actually limited to only three main sentences in the “experimental” part of the method sections.
  + Name of the sample,
  + Column characteristics
  + Mobile phases,
  + Column output analysis
* They asked whether the assistance would be just while writing, or also while reading papers/searching through papers.
* They asked whether the proposed editorial system can cope with the typos, and writing error?
* They asked
* Help-while-writing would save time for supervisors.

## Limitations of the approach:

I was not successful in getting the taxonomies.

I was not successful in finding relations.

I was not successful in conveying the “right message” to the chemistry community.