**Annotation Guideline**

**1. Description of the data set:**

The annotation file is in Excel format and includes 134 unlabeled articles.

For each article in each category, the meta data provided are:

- PMID (if available)

- Article Title

- Abstract (on PubMed)

**2. Annotation Process:**

Annotator following the below steps of the annotation process:

**- Step 1:** For each article in the list, read the title and abstract of the article to decide what label the article belongs to.

+ Articles which are “DDI Clinical Trials” should be labelled to one of the following:

- DDI Randomized clinical trials.

- DDI Non-randomized clinical trials.

- DDI Non-randomized with parallel group design clinical trials.

+ Articles which are “Pharmacokinetic Trials” should be labelled to one of the following”:

- Non-polymorphic enzyme/transport PK Trial

- Genotyped Pharmacokinetic Trials.

- Phenotype Pharmacokinetic Trials.

**- Step 2:** Highlight the text in title and abstract that support your judgment:

+ Text indicates that the article is a study of Drug-drug interaction (DDI) in **GREEN**.

+ Text indicates that the article’s design (randomized/non-randomized/parallel group/ or any other study designs) in **RED**.

**- Step 3.1:** If you are able to make decision based on the abstract text OR the abstract is not available, fill in the following column with your information:

**+ Annotator Name:** name of the annotator.

**+ Annotation Date** **Time**: date of the annotating activity.

**+ Final Judgment:** **“label / Abstract”** *(this is to indicate you are making judgment based on the abstract text only).*

**+ Notes:** any extra notes to support your judgments, besides the text highlighted in the 2nd step. The more detailed the better it is.

**- Step 3.2:** For those articles that you cannot make decision based on the abstract. Please go to find the full-text. After reading the full-text and making final decision, please go back to the annotation file and fill in the following column:

**+ Annotator Name:** name of the annotator.

**+ Annotation Date Time:** date of the annotating activity.

**+ Final Judgment:** **“label / Full-text”** *(this is to indicate you are making judgment based on the full-text).*

**+ Notes:** fill in the text from the full-text that supports your judgment and indicate which sections of the article where the text comes from. For example:

“Patients were selected randomly from…” / Methods section

**- Step 4:** After making final decision and fill in all of the required columns, go back to the Title column and strikethrough the title to mark that you are done annotating this particular article.

**Eliminate articles:**

We will not include the following types of studies in our project:

+ Studies that contains multiple sub-studies in it.

+ Studies on animal.

+ Observational studies

+ Other kinds of studies (as the annotator can define).

If you find such kind of studies, please fill in the following column:

**+ Annotator Name:** name of the annotator.

**+ Annotation Date Time:** date of the annotating activity.

**+ Final Judgment:** indicate that the article is “**ELIMINATE**” and for what reason. For example: **“MULTIPLE STUDIES/ ELIMINATE”**.

**+ Notes:** fill in the text from the full-text or abstract that supports your judgment of elimination. For example:

“We conducted three studies…” / Methods section