Workshop on Examination in the PCT National Phase (Work-Sharing)

In a first part of the exercises, the family relations and priority claims are to be researched.
A second part researches the examination status in different national phases.
A third part addresses the retrieval of work products, in particular citations of prior art, and compares the citations from different national phases.
A fourth part compares claims granted in different national phases.

The exercises include case studies of selected PCT national phase entries which are listed in a separately distributed excel table 'Table of Sample Cases' (as soft copy). You are requested to research these cases based on the instructions given below and fill the columns E to P of the table (using an electronic copy of the table). At the end of the workshop you will be given a completed table with solutions.
The top record of the table (1st case) gives an example of how the researched information should be recorded in the table.

Part 1 (Family relations and priority claims)

A. Searching patent families of pharmaceuticals
The so-called Orange Book of the US Food and Drug Administration (FDA) includes lists of US patents protecting pharmaceutical products that have obtained marketing approval in the US. How would you check if this product is protected in Egypt or another country?

- Select a medicine that you find interesting (e.g. valsartan).
- Check the Orange Book for relevant US patents.
- Using the US patent number, check a patent database including patent family data if there is a family member for Egypt or another jurisdiction of interest.
- If there is no family member, check if there is a PCT application in the family and search respective national registers if the PCT application has entered the national phase.

Relevant links:
https://www.fda.gov/Drugs/InformationOnDrugs/ucm129662.htm
https://worldwide.espacenet.com/advancedSearch?locale=en_EP
https://patentscope.wipo.int/search/en/search.jsf
http://www.egypo.gov.eg/Search/

B. Selected sample cases
For each of the following case in the Table of Sample Cases:
#7(solid liquid separation); #10(compressed air engine); #11(secure transaction); #14(polymer bed material); #19(compound); #31(malaria diagnostics); #45(decelerating factor); #47 (measuring moving vehicle); #51(harrow); #58(single serve capsule); #111(tamper resistant dosage form); #114(state of fiber rope)

- check the size of the Inpadoc (extended) family of the PCT application (to be recorded in column D of the table) [*use Inpadoc family table in Espacenet*]; check if there is another PCT application in the extended family or even in the simple family;

- check if the Inpadoc (extended) family includes more than one simple family (to be recorded in column E), i.e. further simple families which do not include the PCT application of column C [*use CCD*];

- determine the earliest priority date and enter it in the top line of each cell in column J [*use Inpadoc family table in Espacenet*]; add the priority country code after the date; if there are several distinct priority countries, include each country code, separated by colons; if there are several priorities from the same country, indicate their number in brackets.

- for some cases, check as well the family information available in USPTO-GD, in WIPO CASE, and in the NPE tab of Patentscope.

C. Further priority and family related tasks:

1. For some of the members of the simple family of PCT/KR2007/002479 (stable composition) check if they share the same 2 priorities ('715 and '340).

2. Check if any of these 2 priorities itself claims a priority.

3. In the extended family of PCT/US2007/016068 (compound) there is another PCT application. So they should share at least one priority either directly or indirectly. Check if they directly share a priority.

4. How many priorities have the applications PCT/IB2008/000451 and PCT/JP2016/052876?

5. How many PCT applications have no priority data? How can you check?
Answer: search in Patentscope with this query: NOT PD:[* to *] for WO publications

6. Check the simple family of WO2005012326. How many EP applications does it comprise? How are they related and how can you research that? Repeat that for the US and JP family members.
There is a single priority claimed. Was it ever published? How can you access the priority document?