**2022/23 II. PhD intensive course**

**LITERATURE SEARCHING, EFFICIENT PUBLISHING STRATEGY**

**March 20-29 2023**

Semmelweis University Central Library
Zoom

**Syllabus**

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| **MODULES** | **Date** |
| 1st module**8.00-13.15**VPN access, Remote database accessSemmelweis Knowledge BaseOpen Science, Open AccessIntroduction: Homepage of Central Library  | **20th March 2023****Monday**8.00-13.15(breaks: 9.30-9.45, 11.15-11.45) |
| 2nd module**8.00-13.15**Keywords for research topics, currently used sourcesProgramme of the course, requirements, expectationsDissertation databasesCatalogsScientific journals: types of publications, structure of scientific publicationsPrinted versus electronic edition, open access, video journal | **21st March 2023****Tuesday**8.00-13.15(breaks: 9.30-9.45, 11.15-11.45) |
| 3rd module**8.00-13.15**Journal quality, Scientometrics: Impact Factors (IF), SCImago SJR, CiteScoreThe basic of literature searching:National Library Medicine, Entrez-databases, analysis of a record Registration - value added services, my NCBI, advanced search, Boolean operators, MESH browser, PMC, PubChem etc.ProQuest CentralEfficient publishing strategy | **22nd March 2023****Wednesday**8.00-13.15(breaks: 9.30-9.45, 11.15-11.45) |
| 4th module**8.00-13.15**Reference managers:EndNote online and EndNote desktop, Mendeley, Zotero:- literature searching: exporting and importing records (eg. from PubMed, Web of Science Core Collection, Scopus databases)- data handling: creating groups, filtering duplicates- creating bibliography in Word based on the collected data of reference managers using Cite While You Write (CWYW) application (or other Word plugin)  | **23rd March 2023****Thursday**8.00-13.15(breaks: 9.30-9.45, 11.15-11.45) |
| 5th module**8.00-13.15**Introduction of bibliographic and citation databases:Web of Science (Core Collection), Scopus- Searching of bibliographic items and citations based on keywords- Value-added servicesBriefly: Dimensions, Google ScholarAuthor IDs: Web of Science ResearcherID, Scopus ID, Google Scholar ID etc. | **24th March 2023****Friday**8.00-13.15(breaks: 9.30-9.45, 11.15-11.45) |
| 6th module**8.00-12.15**EMBASEEvidence Based Medicine - Cochrane LibraryWHO homepage, statisticsEBSCO: CINAHL with Full Text, PsycINFO; EBSCO Discovery Service | **27th March 2023****Monday**8.00-12.15(break: 10.00-10.30) |
| 7th module**8.00-12.15**Searching for information and scientific literature on the Internet.Exploration and usage of scientific internet resources: introduction to specific search engines; deep web exploration, application of meta- and graphical search engines, introduction to semantic search.Introducing Open Access bibliographic databases (Google Scholar, Semantic Scholar). Creating “toolkit” to interactive scientific communication; RSS, wiki, blog, Podcast and scientific file sharing (SlideShare, SlideServ), as well as demonstrating the usefulness of scientific social networking; ResearchGate, Publons ID, Academia.edu, MedShr etc.Discussion on the basic requirements (form and contents) of the final exam presentation with consultation | **28th March 2023****Tuesday**8.00-12.15(break: 10.00-10.30) |
| 8th module**8.00-12.00**Editing MTMT datasheets, listing identifiers, organizing your own publications | **29th March 2023****Wednesday**8.00-12.00(break: 10.00-10.15) |
| Exam: PPP presentations | **April-May 2023** |

**Prerequisite for 3 credit points:**

* Participation in the programs through the Zoom system
* Preparation of a lecture (presentation) according to the following points (the structure, the order of the slides are freely chosen, but it must include the listed topics; max. 25-30 slides, using animation (e.g. float in), recommended: dissertation databases (min. 2), featured resources (min. 3-4)...etc.)
* The finished presentation should be sent to the e-mail address of Dr. Lívia Vasas (vasas.livia@semmelweis-univ.hu), no later than 4 working days before the exam
* Semmelweis University PowerPoint Template:

In order to download the English template of the University's presentation, visit the Semmelweis Brand & Marketing Directorate's website:

1.) <https://semmelweis.hu/brand/arculat/sablonok/>

2.) On the lower half of the page you will see two rows of white tabs.

3.) Click on the middle tab in the bottom row called "POWER POINT SABLON"

4.) Now you need to see the title "Power Point sablon (HUN / ENG)" with a white button right next to it titled "LETÖLTÉS".

5.) A ".zip" file will automatically be downloaded to your device.

6.) After decompressing the file you will see two folders. Choose the one titled "PPT Sablonok".

7.) Finally, choose the template named "ENG PPT".

**I. Introduction**

1. Presentation of the topic: little text, more pictures, indication of the source of the pictures

2. Graduation requirement - imaginative representation not copying

3. Keywords on the topic

4. Search for dissertations (OpenDissertations, OADT)

**II. Literature search in key sources**

1. WoS

2. Scopus

3. PubMed (Setting Standard and Custom Filters)

4. PsycINFO, CINAHL, and ProQuest - use if you are hoping for new results on the topic

Tabulate the results and evaluate them from 1 to 5

**III. Associated bibliographic databases of search engines**

1. Google Scholar

2. Semantic Scholar

Tabulate the results and evaluate them from 1 to 5

**IV. Open Access resources**

A. Main OA databases;

1. Scinapse

2. The Lens

3. Google Scholar

4. Semantic Scholar

B. Specific OA sources

1. DOAJ

2. ScienceOpen

3. worldwidescience.org

4. Dimensions

5. Carrot2 (comparing the graphical results of PubMed and Web Search)

6. Paperity

7. Deepdyve

8. MedNar

9. Me

10. META.org

11. SlideShare/SlideServe

12. CORE

13. BASE

C. Topic related OA databases

1. ERIC

2. PubPsych, PubChem

3. FSTA… etc.

Tabulate the group separated search results and compare databases by quality and quantity.

**V. Special Resources and Relevant Resources Used in Your Topic**

1. Presentation of Trip database, MedWorm, WHO, International and Hungarian statistical data

2. Video splitters, and JOVE

3. Lectures (SLIDESHARE login, language setting (English), PPT search… etc.)

4. Scientific mobile applications; e.g. ScienceJournal, Elsevier Conferences, Research Tool, Arduino Journal, etc.

5. Own topic sources, other databases you use

6. In the presentation, present statistical data related to your topic, based on the statistical sources presented.

**VI. Publishing strategy, journal analysis**

1. JANE

2. Master Journal List Match Manuscript

3. BMC Springer Journal Suggester

4. Elsevier JournalFinder

5. Wiley Journal Finder

**VII. Bibliometrics**

VI. analysis of the results of point 1 as follows:

- JCR (presentation of 3-4 year trends of several selected journals)

- SCIMAGO

- Scopus Sources, Scopus CiteScore

**VIII. Reference managers**

EndNote, Zotero or Mendeley… etc. demonstration of active use, at least 100 items (formation of deduplication groups)

**IX. Active use of scientific community sites (author IDs)**

1. ResearchGate - key social networks

2. Academia.edu

3. Mendeley

4. Google Scholar

5. ORCID

6. Publons

7. medshr.net

8. meta.org… etc.

**X. Presentation of the MTMT data sheet**, uploading at least 3 author IDs (link to your own interface)

**XI. Experiences, suggestions, summary**