

PhD – Intensive course
LITERATURE SEARCHING, EFFICIENT PUBLISHING STRATEGY
45 hours, 3 credits
Simmelweis University Central Library

Syllabus

MODULES
<p><u>1st module</u></p> <p>VPN access, Remote database access The role of Artificial Intelligence in medical research, dissemination. Application of language models (ChatGPT, etc.) Simmelweis Knowledge Base Open Science, Open Access Introduction: Homepage of Central Library</p>
<p><u>2nd module</u></p> <p>Keywords for research topics, currently used sources Programme of the course, requirements, expectations Dissertation databases Catalogs: ebooks, journals, NLM..... Scientific journals: types of publications, structure of scientific publications Printed versus electronic edition, open access, video journal</p>
<p><u>3rd module</u></p> <p>Reference managers: <i>For beginners:</i> how to export and import records in EndNote (eg. from PubMed, Web of Science Core Collection, Scopus databases) <i>Then:</i> EndNote online and EndNote desktop</p> <ul style="list-style-type: none">- literature searching- 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 <p>Mendeley, Zotero: export/import options, creating folders/groups, filtering duplicates, using web application, and Word plugins</p>
<p><u>4th module</u></p> <p>EMBASE Evidence Based Medicine - Cochrane Library WHO homepage, International and Hungarian statistical data EBSCO: CINAHL with Full Text, PsycINFO; EBSCO Discovery Service</p>

5th module

Editing MTMT datasheets, listing identifiers, organizing your own publications

6th module

Introduction of bibliographic and citation databases:

Web of Science (Core Collection), Scopus

- Searching of bibliographic items and citations based on keywords

- Value-added services

Briefly: Dimensions, Google Scholar

Author IDs: Web of Science ResearcherID, Scopus ID, Google Scholar ID etc.

7th module

Journal quality, Scientometrics: Impact Factors (IF),

SCImago SJR, CiteScore

The basic of literature searching:

National Library Medicine, Entrez-databases, PubMed, analysis of a record

Registration - value added services, my NCBI, advanced search, Boolean

operators, MeSH browser, PMC, PubChem etc.

ProQuest Central

Efficient publishing strategy

8th module

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

The role of Artificial Intelligence in medical research, dissemination. Application of language models (ChatGPT, etc.)

9th module

Consultation on any subject - on demand

Exam: PPP presentations