Masterclass of Excellence on

Understanding literature and AI - how to choose and conduct the right assessment for your research question

Organized by the ESCP Research Committee

Monday 30th October 2023, 9:00 - 17:30

Summarising, evaluating and critically analysing the vast body of available scientific literature to further your own research and practice, poses numerous challenges for healthcare researchers, professionals, and early career researchers. For example, a vast range of scientific literature exists on each topic using different research designs, underpinning theory, sampling strategies and sampling sizes. In addition, several different types of literature reviews exist (narrative, scoping and systematic), so choosing the correct approach to answer your own research question can be challenging. In addition, we are now seeing the advent of artificial intelligence (AI) tools that can achieve a literature review in a fraction of the time, seemingly short-circuiting this laborious process.

Building on previous successful editions, this Masterclass will provide an overview of each of the different types of literature review, narrative, scoping and systematic, and help you design your own research question and stepwise protocol relevant to your own interests while also spending some time to critically reflect on the future use of AI in the scientific writing process.

Other great reasons to attend include:

- Getting practical advice on developing and implementing your own stepwise approach to literature review.
- Seeing and critically appraising illustrative examples from the moderators' own research and the wider literature.
- Getting the opportunity to reflect and discuss the opportunities and threats that AI poses to scientific writing, which will help to shape the debate on the future of AI in science.
- Opportunity to discuss with leading researchers.
- Networking with colleagues from other countries.

The Masterclass will be delivered in an interactive format of plenary lectures, small group work and discussions. It is aimed at anyone currently or wishing to be involved in pharmacy practice research, irrespective of experience.

Moderators

Prof. Dr. Anita Weidmann, Professor of Clinical Pharmacy, Innsbruck University, Austria.

Anita's research focus on development, implementation and evaluation of patient oriented clinical pharmacy services in both hospital and community pharmacy setting.

Dr. Antonella Tonna, Senior Lecturer at the School of Pharmacy and Life Sciences, Robert Gordon University, UK. Antonella's research focus is on Antimicrobial Resistance and Stewardship related topics in both pharmacy practice and education.

Maximum number of participants 30 (first come – first serve)

Programme – 30th October 2023

09.00-09.30	Introduction and group work on experience with conducting and appraising different types of literature reviews
09.30-10.15	Literature review development (Part 1): Choosing an appropriate review methodology and writing a research question
10.15-11.00	Group work
11.00-11.15	Coffee break
11.15-12.00	Literature review development (Part 2): Writing a detailed literature review protocol relevant to your own research context
12.00-13.00	Group work
13.00-14.00	Lunch break
14.00-14.45	Literature review development (Part 3): Study selection, quality assessment and data extraction/ analysis
14.45-15-45	Group work
15.45-16.00	Coffee break
16.00-16.30	The use of AI as novel writing tool: opportunities and challenges
16.30-17.00	Group work
17.00-17.30	Discussion of key issues, feedback and summing up

Venue

Aberdeen Town House, 2 Broad Street, Aberdeen, AB10 1LP.

Registration: Please register via the ESCP 2023 Symposium site.

Registration for the Masterclass only is also possible.

Please go to **https://confpartners.eventsair.com/escp-2023/escp2023masterclass/Site/Register** to only register for the Masterclass.

Combined registration for both Symposium and Masterclass can be done via the ESCP website registration page.