



Masterclass of Excellence

on

Responsible use of AI in clinical pharmacy research

Organised by the ESCP Research Committee

Tuesday 25 November 2025, 09:00 – 17:30
(the day before the ESCP Annual symposium)

Background

This Masterclass will focus on Generative Artificial Intelligence (AI) tools. Many AI tools are available to carry out research activities including literature review and creating the hypothesis, computation/statistics, data presentation, writing, presenting and publishing. The Masterclass will involve examples of the use of AI in qualitative and quantitative research methods. In clinical pharmacy practice, the number of AI tools relevant to patient care and service delivery are also increasing. However, research ethics and research integrity should be considered before using these tools in clinical pharmacy and in research.

The Masterclass will provide a review of the scope of Generative AI and will explore examples of AI tools and offer guidance about their responsible use.

Other great reasons to attend include:

- Becoming familiar with Generative AI tools in research
- Gaining practical experience of Generative AI tools
- 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 using or considering using Generative AI in clinical pharmacy research.

*Programme – 25 November 2025	
09.00-09.15	Introductions of participants and moderators
09.15-09.30	AI: Distinguishing the different types
09.30-10.15	Use of AI in Clinical Pharmacy
10.15-10.30	Coffee break
10.30-10.45	Prompt engineering for effective use of AI
10.45-11.30	AI tools in literature review, writing, and creating the hypothesis
11.30-12.15	Group work#1- Critical appraisal of an AI-generated background of a study based on a PICO structured research question
12.15-13.00	AI tools in research methods and data analysis
13.00-14.00	Lunch
14.00 -14.45	Group work#2- Comparison of AI tools in computation/statistics
14.45-15.15	AI tools in presenting data and publishing
15.15-15.45	Group work#3- Generate a poster and/or video based on a research and/or practice intervention
15.45-16.15	Coffee break
16.15-16.45	Presentation of group work
16.45-17.15	AI, research ethics and research integrity in clinical pharmacy
17.15-17.30	Summary and closing remarks

*Participants are requested to bring their laptop with them to the Masterclass

Moderators

Prof. Martin C Henman is adjunct associate professor of pharmacy practice, Trinity College Dublin, Ireland. He is currently chair of the ESCP Research Committee and a member of the Editorial Board of the International Journal of Clinical Pharmacy. Dr Henman's research interests are in pharmacy practice and education, pharmacoepidemiology and health services research in a variety of national and international multidisciplinary groups and networks.

Prof. Pierrick Bedouch is a professor/hospital pharmacist in clinical pharmacy at the Faculty of Pharmaceutical Sciences of the University Grenoble Alpes, France. He shares his professional activities between the hospital (management and clinical pharmacy in pneumology), teaching clinical pharmacy, and research on medications and clinical pharmacy within the ThEMAS research team (TIMC-IMAG department of the French National Centre for Scientific Research CNRS). He interests in research evaluating the role of the clinical pharmacist and reducing adverse drug events including evaluation of health technologies (including CPOE, automated drug dispensing system) and big data/AI in health. Since 2018, he is a President of the French Association of Clinical Pharmacy and Therapeutics Professors (ANEPC). His research themes are adverse drug events prevention, health information technology and pharmacoepidemiology/Big data.

Prof. Daniela Fialová is a clinical pharmacist and researcher in geriatrics. She is Associate Professor at Faculty of Pharmacy, Charles University in Prague, Czech Republic and Dept. of Geriatrics and Gerontology, 1st Faculty of Medicine, Czech Republic. She is a member of ESCP General Committee and Research Committee. She is a senior researcher and member of the WP5 and WP6 of the I-CARE4OLD H2020 project testing the impact of pharmacological and non-pharmacological interventions by using AI methods in complex older adults.

Prof. Betül Okuyan is a professor of clinical pharmacy at Faculty of Pharmacy at Marmara University, Istanbul, Türkiye. She is Vice-Chair of the ESCP Research Committee, and she is a member of the Editorial Board of the International Journal of Clinical Pharmacy. Her research interests focus on development and evaluation of clinical pharmacy services and pharmacy education, and medication adherence and medication literacy.

Venue

Faculty of Pharmacy - Université Grenoble Alpes

Domaine de la Merci, F-38700 La Tronche
(Tram B stop: Hôpital Michallon)

Registration

Registration can be done via the ESCP website: https://escpweb.org/escp_events/escp-grenoble-symposium-2025-from-interprofessional-education-to-interprofessional-practice/



Registration fee (including lunch and refreshments)

ESCP members: € 120,-
Non-members: € 150,-

Fees are exempt from VAT.

Maximum number of participants 30 (*first come, first served*)