

27 NOV. 2024 — 19 FEB. 2025

ADVANCED  
TRAINING  
**MEDICAL WRITING  
FOR HEALTHCARE  
PROFESSIONALS**

**100%**

Scholarship  
for tuition fee  
*Online*



# WHY IS MEDICAL WRITING IMPORTANT?

Medical writing is the process of planning and writing medical and scientific documents in a clear and concise format. It involves the production of different types of materials, such as manuscripts, medical education and information articles, and regulatory papers, according to specific technical and ethical guidelines.

The medical writing profession has stepped up, both internationally and nationally, with COVID-19 pandemic as the need to provide reliable, correct and up-to-date information to different target audiences has become key.

This course aims to provide healthcare professionals, who are already working, or intend to work, in the field of medical writing with specific skills to create and develop documents used in the pharmaceutical industry, to use related computer tools (eg.: office suite; artificial intelligence) for organizing bibliographical references and to prepare adequate content for specific audiences.

Our faculty is highly specialized, with extensive professional experience and duly recognized internationally.

**1<sup>ST</sup> EDITION**

**3 ECTS**

Application deadline: **November 10, 2024**

## LEARNING OBJECTIVES

- Describe the relevance and usefulness of medical writing, as well as the fundamental elements of this activity and its documentation
- Explain the clinical regulatory development process and identify the various regulatory documents produced throughout the different stages of the process
- Demonstrate the use of Artificial Intelligence tools for generating, editing and optimizing medical-scientific content, including research articles, clinical reports and regulatory documents, among others
- Describe the various types of medical-scientific communication and the role of the medical writer in each of them

## AUDIENCE

- Healthcare professionals with master or higher degree in medicine, pharmacy, nursing, biotechnology and biomedical sciences who are looking for new challenges within the scientific/pharmaceutical field and keen in moving from academia to medical writing
- Researchers with the responsibility of creating medical-scientific materials for various purposes, such as trial protocols, investigator brochure, informed consents, and patient education materials.

## COURSE ASSESSMENT

Student performance includes written examination, case studies/presentations/discussions and classroom participation

## COORDINATION



**Lúcia Domingues**



**Maria João Pisco Almeida**



**Sara Ferrão**

## COURSE FACULTY

**Lúcia Domingues**  
**Maria João Pisco Almeida**  
**Sara Ferrão**  
**Lisa Chamberlain James**  
**Tiziana von Bruchhausen**  
**Martin Delahunty**



# PROGRAMME

ONLINE

30H

## SESSION 1

27 NOV 2024 | 18H30 - 20H30

### Introduction and fundamentals of medical writing

- Introduction to medical writing
- Scientific research

## SESSION 2

4 DEC 2024 | 16H00 - 20H00

### Pharmacovigilance

- Pharmacovigilance documents required by regulatory authorities before and after marketing authorization
- Purpose of each document, why and when required, interaction and overlap, and instructions for preparation
- Safety data collected during trials and after marketing

## SESSION 3

5 DEC 2024 | 18H30 - 20H30

### Regulatory medical writing

- Fundamentals of regulatory medical writing
- Clinical research: Regulatory documents
- "Lean medical writing" concept
- Writing for patients: General and regulatory concepts

## SESSION 4

11 DEC 2024 | 18H00 - 21H30

### Regulatory medical writing

- Information needed to develop regulatory documents, requirements and regulations
- Scientific documents vs lay documents of clinical trials





# PROGRAMME

ONLINE

30H

## SESSION 5

8 JAN 2025 | 18H30 - 21H30

### Medical communication - Scientific communication writing

- Fundamentals of medical communication
- Writing publications and other scientific documents

## SESSION 6

15 JAN 2025 | 18H30 - 20H30

### Medical communication – Scientific communication writing

- Tools and technologies used in bibliographic research and reference management

## SESSION 7

22 JAN 2025 | 18H30 - 21H30

### Medical communication - Scientific communication writing

- Publications' planning
- Virtual assistances designed to increase efficiency in medical writing

## SESSION 8

29 JAN 2025 | 18H30 - 20H30

### Medical communication –Types of medical communications

- "Medical communication documents targeted at specific projects, with objective and measurable details: Grant writing



ONLINE

30H

### SESSION 9

5 FEB 2025 | 18H30 - 22H30

#### **Medical communication –Types of medical communications**

- Role and importance of medical writing in content creation, across different areas of medical communications: Advisory board/congress reports, medical education, promotional writing

### SESSION 10

12 FEB 2025 | 18H30 - 22H30

#### **Medical communication – Artificial intelligence (AI)**

- Applications of artificial intelligence (AI) in the field of medical writing
- AI tools to ensure accuracy and consistency in medical and scientific terminology, style and formatting
- AI tools used in literature review, data extraction and analysis to support evidence-based medical-scientific writing
- AI use in relevant studies, summarize findings and generate insights from large data sets
- Ethical implications of using AI in medical-scientific writing, including issues of data privacy, bias and authorship
- Best practices for integrating AI tools into medical-scientific writing workflows

### COURSE EVALUATION

19 FEB 2025



## APPLICATION DOCUMENTS

CV and transcript of records

## APPLICATION CRITERIA

- Healthcare professionals with master or higher degree in medicine, pharmacy, nursing, biotechnology and biomedical sciences who are looking for new challenges within the scientific/pharmaceutical field and keen in moving from academia to medical writing.
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## NUMERUS CLAUSUS

30

## SELECTION PROCESS

CV evaluation

## ATTENDANCE REQUIREMENTS

At least 80% attendance is mandatory

## COURSE LANGUAGE

English

## TUITION FEE

Registration Fee **51€**

Tuition fee

- **100%** Scholarship for the first 19 registrations
- **350€** for the remaining registrations

## PROGRAM MANAGER



**FILIPA TOSCANO**

## INFORMATION

**For specific questions or inquiries, please contact:**

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