ALM formation

WRITING SUCCESSFUL SCIENTIFIC PAPERS

Duration:	2 days
Location:	On your premises / online
Schedule:	September to July
Group size:	5 to 15 participants
Audience:	PhD candidates
Language:	French or English
Prerequisites:	Proficiency in the language of instruction

All our training courses can be customized to fit your expectations and needs.
Please contact us to discuss any specific requirements and/or request a quotation.
contact@almformation.com

OVERVIEW

Writing and publishing scientific papers is often a new experience during a PhD. It is a complex and stressful task, yet essential for career progression.
This training helps participants approach their publications in an organised, structured and clear way, both independently and as members of the scientific community through peer review. It develops their scientific writing skills in French and English so that they can publish successfully and ethically in scientific journals.

OVERALL OBJECTIVE

Apply the standards and conventions of scientific writing to a planned publication

SPECIFIC OBJECTIVES

- Understand the structure of a scientific paper (title, abstract and IMRaD structure) and the specific purpose of each section
- Write clear, precise and compelling sentences and paragraphs in a scientific register
- Define a clear communication objective before writing: intended audience, target journal and main message
- Identify the editorial requirements of the target scientific journal and apply them to the planned publication
- Recognise the main issues in publication ethics: authorship, redundant submission and data integrity

TARGET COMPETENCIES

(in accordance with the French National Register of Professional Certifications — RNCP)

RNCP — Competency block 5 “Training and dissemination of scientific and technical knowledge”:

- Report on and communicate scientific and technological work in several languages, for different audiences or publications, both in writing and orally

EQUIPMENT AND FACILITIES

- Training room

Internet connection, projector and board

- Participants

Personal computer, paper, pencil and pen

PROGRAMME
WRITING SUCCESSFUL SCIENTIFIC PAPERS

DAY 1 | ESTABLISHING A CLEAR DIRECTION AND STRUCTURE

- Learn good practices and pitfalls to avoid by analysing the architecture of selected scientific papers (structure, objectives, syntax, and the influence of journal choice on structure and tone)
- Define structural conventions and standards (IMRaD and SMART objectives)
- Hands-on writing practice, both guides and alone, through extended workshops
- Close the session by setting an individual writing goal

DAY 2 | APPLYING WRITING TECHNIQUES ETHICALLY

- Writing a title - workshop
- Guided peer review practice
- Explore techniques for writing clear and concise scientific sentences
- Case studies - group discussion of a grey area in publication ethics
- Individually plan the next writing sessions to achieve their goals

TEACHING AND LEARNING METHODS

- Slide presentation and theoretical input
- Group exercises (including paper mapping, peer review practice and Wooclap)
- Discussion and sharing of experiences
- Practical writing exercises
- Individual progress checklist