



## Medical Reading

### The critical evaluation of the scientific papers

Type

Curso online -  
Limited number

Date

1 and 3  
December 2020

Language



English

Location

Online

## ABOUT

To form a truly educated opinion on a scientific subject, you need to become familiar with the available scientific articles in that field. And to be able to read research papers effectively, you have to be willing and able to read the scientific articles for yourself. Reading and understanding scientific papers is a skill that every single pharmaceutical industry or medical device professional, researcher, health care professional, doctor, and scientist should have learned during graduate school. You can have learnt it too, but like any skill, it takes perseverance and practice to be maintained.

The fast-evolving world of clinical research and the new media available have highly increased the number of scientific articles available; this does not always mean better scientific paper's quality. The growing volume of journals and editors has deeply changed the environment of research papers: What professionals learnt during their studies has become, probably, not true anymore.

Reading a scientific paper is a completely different process from reading an article about science in a blog or newspaper. Reading research papers may take you a very long time. The process will go much faster as you gain the right techniques and experience.

The course aims to provide the tools to

- understand the environment of medical-scientific communication;
- evaluate the quality of scientific articles and clinical studies using a systematic approach.



## PROGRAMME

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Welcome and opening remarks

Critical review of an article provided before the workshop

The basis of scientific communication

The actors of scientific communications

Scientific communication in the internet era

Journals and congresses

Indexing and peer-reviewing

The Impact factor and the other bibliometrics

Scientific evidence ranking

The structure of scientific articles

- Introduction, methods, results, discussion and conclusions
- Title and abstract
- Authors, conflicts of interest and acknowledgments

Workshop: The systematic review of an article

## WHO SHOULD ATTEND

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To anyone involved in medical-scientific communication including Medical Affairs Professionals, Medical Science Liaisons, Clinical Research Professionals, Sales Representatives, Product Managers who work in medical devices, pharma and biotech companies, CRO, as well as to those who work in the Research and Public Health.

Participant experience

Participants should be aware of the basic principles of clinical studies.

## TEACHING METHODS

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Interactive workshop with on-train exercises and application to participant's daily activities.

Before the training, participants will receive the article that will be used as example during the



training.

**Moreover a second article will be given to participant and it will be discussed in the systematic review of an article workshop.**

## LECTURERS

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### Andrea Rossi

#### Freelance International Scientific Communicator

Andrea Rossi has a degree in Biology from Florence University. After a brief spell at the University, he started working in the Italian Affiliate of Eli Lilly as a Clinical Research Associate. In the years that followed he was responsible for Statistics, Health Outcomes and Medical Information. Andrea has been working as Medical Writer since 2003 beginning in Italy and, then, becoming responsible worldwide for a biosimilar company based in Switzerland. He is author of more than 350 disclosures and acknowledged for his contribution in several others. From 2007 to 2009 he was on the coordination board of BIAS (Biometristi Italiani Associati) and has been an European Medical Writers Association (EMWA) member since 2004. Andrea acts as trainer for statistics and medical writing in some Italian schools for specialisation in medicine and has been a speaker at national and international conferences. Andrea leads the Medical Communications Special Interest Group, workshops for and is past-president and ambassador of EMWA.

## AT THE END OF THE TRAINING, YOU WILL BE ABLE TO

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- Evaluate the differences between various scientific articles
- Identify the strengths and weaknesses of a scientific paper

## USEFUL INFORMATION

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**This online training is divided in 2 modules:**

- Module 1 | 1st December, 10:00 am - 12:30 pm CET and 02:30 pm - 04:30 pm CET
- Module 2 | 3rd December, 10:00 am - 12:30 pm CET and 02:30 pm - 04:30 pm CET

Some days before the online training you will receive all details about the connection.

The course will proceed with a minimum number of participants. Should this number not be reached the registered participants will be notified one week prior to the commencement of the course.

## REGISTRATION FEE

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**Early Bird: € 920,00\*** (until 17 November 2020)

**Ordinary: € 995,00\***



## Freelance - Academy - Public Administration\*\*: € 552,00\*

\* for Italian companies: +22% VAT

\*\*Early Bird discount not applicable to Freelance - Academy - Public Administration fee

**The fee includes:** tuitions, organizational office assistance, teaching materials and attendance certificate that will be sent after the training via e-mail.

### SEDE DEL CORSO

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Online interactive training on Zoom platform.

*LS Academy will provide the access link to the virtual platform a few days before the training.*

