



**HIGHLIGHTED COURSE**

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**CRITICAL READING OF  
CLINICAL RESEARCH  
PUBLICATIONS**

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**March, 8 | 2022  
ONLINE**

# Learning objectives

1. To know the structure of a well written scientific article
2. To learn how to critically assess the robustness of the methodology applied and the quality of data collected
3. To understand the impact of scientific results reported in the article
4. To challenge the learnings with a real case study example

# Program

## Morning session 9.30 - 12.30

- Overview of the building blocks of a scientific paper and the rationale for the structure
- The concept of peer review journals
- The methodological elements of a clinical research protocol
- The presentation of data: the relevance of tabular and graphical format

## Afternoon session 14.00 - 17.00

- Tips and tricks to recognize good data
- The dissemination of scientific results in the news

**Workshop:** discussion and critical review of selected articles distributed in advance with the support of the teacher

# Speaker



## Anna Petroccione

Anna Petroccione had the privilege to make of her juvenile passion, the medical research, a fulfilling career: MD by background and specialized in Biometrics and Medical Statistics, she joined the pharma industry working in Boehringer Mannheim, Farmitalia, Pharmacia and Pfizer as the Director of Biostatistics and Data Management Department. She matured over 25 years experience in the international development of compounds in several therapeutics areas contributing to the submission of several compounds in US and EU. At Nerviano Medical Sciences, she took over the leadership of the Medical Department and assisted the Managing Director with the development of business plans and projects for the clients. After retirement she acts as a consultant for small companies and CROs.

# Purpose

Communication, and in particular the written one promoted by publications on scientific journals and reviews, covers a role of paramount importance to the advance of scientific knowledge and medical practice. An accurate estimate of the number of papers (citations) dealing with medical subjects issued every year is difficult to establish. However PubMed reported that the yearly MEDLINE® Citation Count in the past decade but in 2020 exceeded 750,000 entries each year. Hence the relevance for a researcher or a medical practitioner who need to be up to date to be able to properly choose and to critically read a scientific article in the medical arena.

This short course will focus on the latter objective by reviewing the theoretical structure of a well written paper, by analyzing in details the section of material & methods, by critically reading the results and finally by going through a few examples taken from the recent publications on anti-covid19 vaccines. These latter examples will also give the opportunity to appreciate common pitfalls in divulging scientific matters.

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# Who should attend?

This course is mainly intended, but not limited to professionals working in the pharmaceutical industry dealing with drug development or marketing in areas such as R&D, Marketing/Medical Affairs, Pharmacovigilance, Regulatory.

## TERMS OF PAYMENT

Advance payment is required with respect to the event date by bank transfer to BANCO BPM Spa – Firenze, IBAN IT81P0503402801000000007431, Bic/SWIFT BAPPIT21N25 made payable to Pharma Education Center S.r.l., Via dei Pratoni 16, 50018 Scandicci (FI), VAT number 02173670486, specifying event title along with name and surname of the participant enrolling. Attendance to the event will be allowed upon payment received. Invoice of payment will be issued after the second half of the month after the course.

**For further information and/or further assistance please contact (+39) 0550465181 or email: [amministrazione@pharmaeducationcenter.it](mailto:amministrazione@pharmaeducationcenter.it)**

## COURSE/EVENT CANCELLATION

If the minimum number of participants is not reached, Pharma Education Center reserves the right to cancel or schedule the event for another date. Formal communication will be given within 5 days before the event date. In this case Pharma Education Center will refund the registration fee in full and without additional charges. Alternatively, the participant can request a spendable coupon for participating in another PEC event scheduled in the current year.

## CANCELLATION TERMS

In order to cancel enrolment to a event, please email [info@pharmaeducationcenter.it](mailto:info@pharmaeducationcenter.it) within 2 weeks before the starting date of the event. Once this term will be expired, the entire fee will be charged.

## PARTICIPANT REPLACEMENT

It is possible to replace a participant attendance without additional cost, simply by contacting [info@pharmaeducationcenter.it](mailto:info@pharmaeducationcenter.it). It is asked to notify the participant replacement request within 5 days before the starting date of the course/event, specifying the full name and surname of the enrolled participant as well as the full name and surname of the substitute.

## HOW TO REGISTER

Please, fill the form on the web site <https://www.pharmaeducationcenter.it/>

## ENTRY FEE

750 €

650 € until February 8, 2022

Discounts are not cumulative

VAT not included

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