EUROPEAN FEDERATION OF CLINICAL CHEMISTRY
AND LABORATORY MEDICINE

EFLM Postgraduate Courses
The general frame

From 2019, EFLM will start offering EFLM National Society Members a new type of postgraduate education: **the EFLM Postgraduate Courses**. These courses will be 1-2 days long, educational, low budget (not profitable), for a small group (up to 50 participants) and organised as workshop with applicative knowledge.

The EFLM Postgraduate Courses will be organized on specific topics and are proposed as a "turnkey course", i.e. with a defined structured programme and designated speakers' teams.
Ideally, EFLM Postgraduate Courses should be organized as a satellite meeting on occasion of a National Societies Congress or another national educational event

General framework for courses:

- Through the application form, the EFLM National Society selects the preferred course and speakers' team and proposes the possible dates and venue (the date will be confirmed according to the availability of the speakers' team).
- The Hosting EFLM National Society is responsible for the local organization (venue, speaker's accommodation, catering, registrations ect).
- The venue should be equipped with computers (at least one PC every 2 participants).
- Applications requesting the EFLM coverage for speakers' travel will be evaluated and selected by the EFLM Executive Board on the basis of defined criteria (e.g. budget of the National Society, first request of EFLM support, etc).
- A Memorandum-of-Understanding between EFLM and the Hosting EFLM National Society will be signed to define responsibilities.

List of EFLM postgraduate courses in 2019

1. Biostatistics in Laboratory Medicine

Framework programme:

1. How to prepare and plan the research properly; define the subjects, hypothesis and the aim
2. How to represent the data of the investigation
   2.1. Measures of central tendency and dispersion. Distribution of the data
   2.2. Statistical hypothesis, tests and power analysis
3. Statistical methodology
   3.1. How to compare continuous data sets (dependent and independent)
   3.2. How to compare categorical data
   3.3. Confidence intervals
   3.4. Correlation and regression
   3.5. Multivariate analyses
   3.6. Tests for validation and verification of laboratory tests

Speakers' teams:

- Team 1: *Ana-Maria Simundić (Zagreb, HR) and Vanja Radisic Biljak (Zagreb, HR)*
- Team 2: *Matteo Vidali (Borgomanero, IT) and Andrea Padoan (Padova, IT)*

2. How to write a good scientific and professional article

Framework programme:

1. Journal selection. Instruction for authors
2. Title. Abstract and Key words.
3. Introduction, hypothesis and the aim of the study.
4. Material and methods
5. Presenting the results-text, graphs, tables and figures.
6. Discussing the results, added value, limitation of the study and conclusions.
7. Literature list, deferent styles in presenting the literature, DORA-statement.
8. Research ethics

Speakers' teams:

- Team 1: *Sverre Sandberg (Bergen, NO) and Elvar Theodorson (Linkoping, SW)*
- Team 2: *Ferruccio Ceriotti (Milan, IT) and Martina Montagnana (Verona, IT)*
- Team 3: *Paola Pezzati (Florence, IT) and Martina Zaninotto (Padova, IT)*
- Team 4: *Ana-Maria Šimundić (Zagreb, CRO) and Daria Pašalić (Zagreb, CRO)*