Academic Skills

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Why do I need "Academic Skills"?

Academic skills are the **skills** that ESRs need to increase their level of **academic preparedness** prior to commencement of their studies in the SEPOMO consortium and – who knows – to become a successful academic

SEPOMO ESRs need to able to

- **find** the relevant literature, critically **read and analyze** it
- **reflect** on scientific **ethics and integrity** of their research
- **compose** a (publishable!) **paper** based on the results obtained
- **deliver** a scientific **presentation** on their research at international conferences

Academic skills are **general skill**s which do not depend on a particular project

In this respect, they are different from project-oriented specific skills

What Will I Learn?

1. **Translate** a specific **question** or topic into a targeted **literature search**

2. **Extract** the needed **information** from the scientific papers effectively and quickly

3. **Structure a paper** in a coherent way, know where to put/find different types of information and figures

4. **Present the discussions** on the scientific content by evidence based arguments

5. **Distinguish** between 'plagiarism' and 'good academic practice'

6. **Build up** a scientific **presentation** based on the research results

7. **Deliver a presentation** with proper visual impact and **deal with questions**

8. **Apply Academic Integrity Guidelines** concerning plagiarism, data management, research analysis & reporting etc

What Competences Will I Acquire?

- how **to apply** a coherent **strategy** for searching the scientific literature online and using research databases

- **developing critical thinking** by reading and interpretation of scientific papers

- **clear and concise writing** of scientific manuscripts including plotting of graphs

- **transferring** the **scientific content** into **well-organized talks** with appropriate visual impact, including critical self-reflection

- **understanding academic integrity** and the need for it

Really?! in 1 ½ days?

Of course, not

This workshop is only **the first step** for the long (perhaps, even never-ending) road.

This step will have to be followed by **a lot of practice**

Composition of the Course

18 November 2017
 9:00-9:15
<u>Introduction</u>

 9:15-10:30
<u>Literature search</u>

11:00-12:30
<u>Academic integrity</u>
by Björn Kriete

18 November 2017
13:30-15:30
<u>Academic Writing</u>

16:15-18:00
<u>Presentation Skills</u>

19 November 2017
 9:00-10:30
<u>Making Graphs</u>

11:00-12:00
<u>Talk Preparation
and Delivery</u>

All lectures are uploaded @sepomo.eu