



17 – 18 – 19 – 24 February 2025

Course for PhD



**Molecular and cellular biology.  
Methods and communication of  
results**



**TEACHER: Dr. Rosella Visintin**



DO2020  
RO2020  
Art & Science

SEMME  
European School of  
Molecular Medicine



# Molecular and cellular biology. Methods and communication of results

Dr. Rosella Visintin

17 – 18 – 19 – 24 February 2025

**Monday 17<sup>th</sup> February Room BM**

**09.30 – 12.30 : Critical reading of the literature**

- How to read a scientific manuscript
- How to do a Journal Club

**14.00 – 17.00: Experimental Design**

- Scientific methods and experimental design - From hypothesis to conclusions
- Gender diversity in scientific experiments

**Tuesday 18<sup>th</sup> February Room BM**

**09.30 – 12.30 : Research integrity**

- Shared values in scientific research: Running and recording experiments; generating and manipulating data
- Time management

**14.00 – 17.00 : Scientific integrity vs scientific misconduct**

- Standard of conduct
- Famous cases of alleged scientific misconduct

**Wednesday 19<sup>th</sup> February Room B8**

**09.30 – 12.30 : Science communication**

- Overview
- How to make a good presentation

**14.00 – 17.00 : Science communication**

- How to make a good poster
- How to write a good paper

**Monday 24<sup>th</sup> February Room BM**

**9.30 – 12.30 : Practicals**