



13 – 14 – 15 - 20 February 2023

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

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(ROOM B6 – VIA CELORIA 26 – MILAN)

Monday 13th February

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 14th February

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 15th February

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 20th February

9.30 – 12.30 : Practicals