

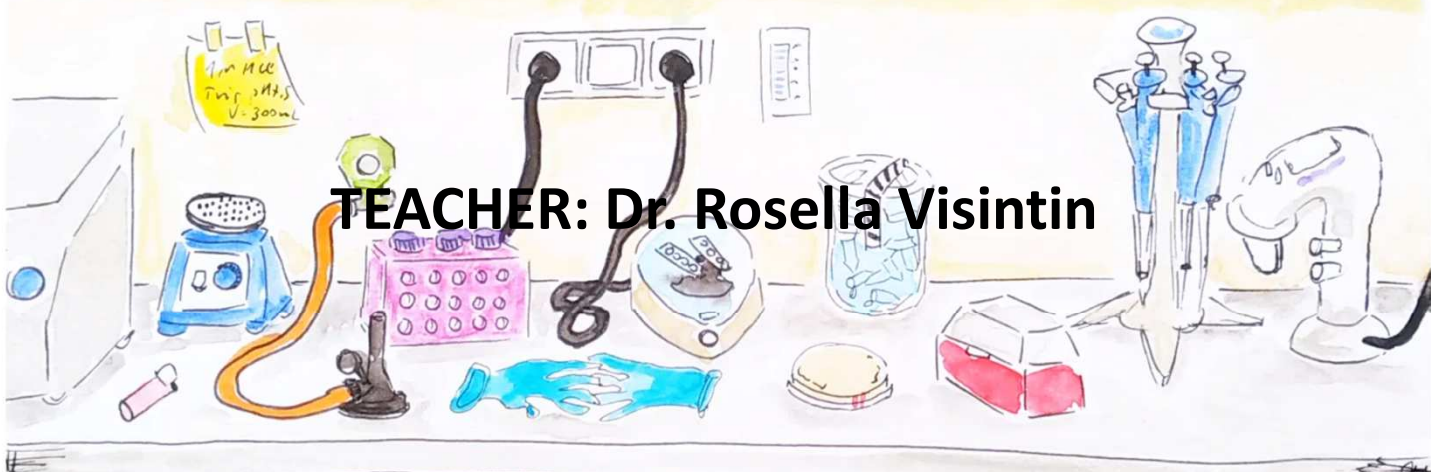


**14 - 16, 18 February 2022**

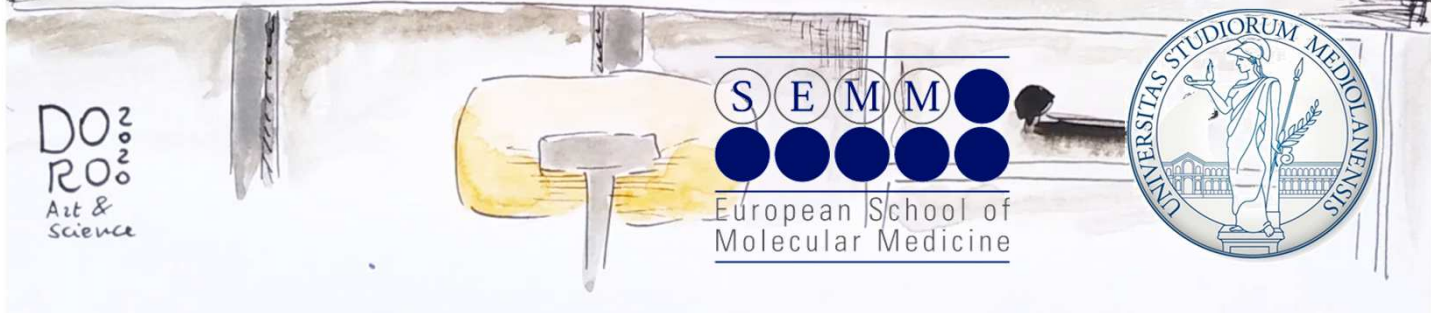
**Course for PhD**



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



**TEACHER: Dr. Rosella Visintin**



**SEMME**

European School of  
Molecular Medicine



DO RO  
Art &  
Science

# Molecular and cellular biology. Methods and communication of results

Dr. Rosella Visintin

14 - 16, 18 February 2022

## Monday 14<sup>th</sup> 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 15<sup>th</sup> 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 16<sup>th</sup> 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

## Friday 18<sup>th</sup> February

### 9.30 – 12.30 : Practical



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