

Lesson 0

- 1. English / Italian**
- 2. Timing of the course**
- 3. Structure of the course / final exam**
- 4. Aims of the course**
- 5. Program of the course**

2. Timing of the course

- **START: Tue, Oct 4th, 2022**

- 5 hours/week

	lunedì	martedì	mercoledì	giovedì	venerdì
08:00-09:00		PATOLOGIA MOLECOLARE 713SM Aula A [Edificio A - corpo centrale] SM70-1-PDS0-2022		PATOLOGIA MOLECOLARE 713SM Aula F [Edificio G] SM70-1-PDS0-2022	IMMUNOLOGIA MOLECOLARE E IMMUNOTERAPIA 984SV Aula Magna [Edificio M] SM53-2-PDS0-2021 ME02-2-ME02+3+
09:00-10:00		PATOLOGIA MOLECOLARE 713SM Aula A [Edificio A - corpo centrale] SM70-1-PDS0-2022		PATOLOGIA MOLECOLARE 713SM Aula F [Edificio G] SM70-1-PDS0-2022	IMMUNOLOGIA MOLECOLARE E IMMUNOTERAPIA 984SV Aula Magna [Edificio M] SM53-2-PDS0-2021 ME02-2-ME02+3+
10:00-11:00		PATOLOGIA MOLECOLARE 713SM Aula A [Edificio A - corpo centrale] SM70-1-PDS0-2022		IMMUNOLOGIA MOLECOLARE E IMMUNOTERAPIA 984SV Aula F [Edificio C1] SM53-2-PDS0-2021 ME02-2-ME02+3+	
11:00-12:00		IMMUNOLOGIA MOLECOLARE E IMMUNOTERAPIA 984SV Aula 3B [Edificio H3] SM53-2-PDS0-2021 ME02-2-ME02+3+			
12:00-13:00		IMMUNOLOGIA MOLECOLARE E IMMUNOTERAPIA 984SV Aula 3B [Edificio H3] SM53-2-PDS0-2021 ME02-2-ME02+3+			

2. Timing of the course

- about 48 hours
- about 10 weeks

- some breaks
- **END of the course: probably just before Christmas 2022**

Lessons

Tuesday

- Start: 11.15 AM
- End: 12.45 AM or 12.55 AM (45+10+45 min)

Thursday (lessons-seminars-papers-discussion)

- Start: 10.15 AM
- End: 11.00 AM

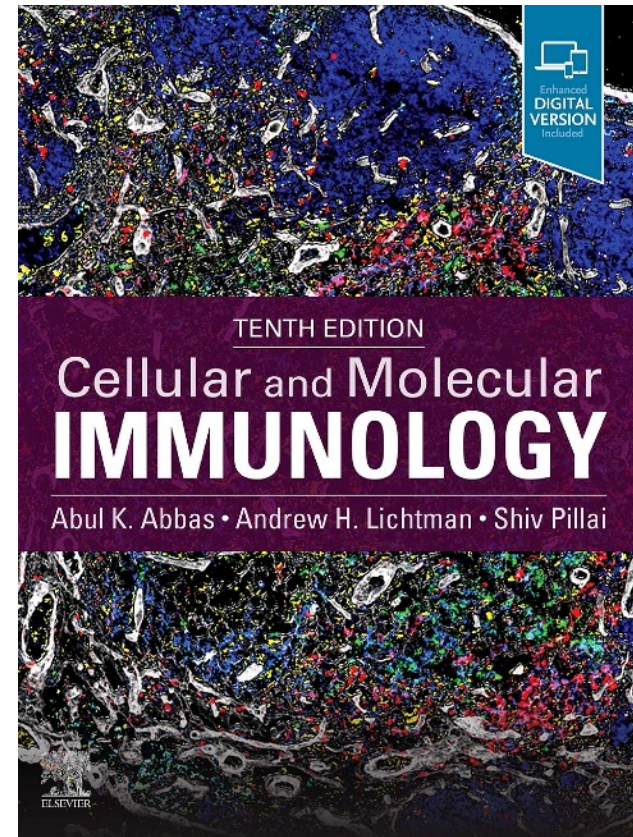
Friday (????)

- Start: 08.15 AM
- End: 09.45 AM

3. Structure of the course / final exam

- **Slides** (pdf version uploaded in Moodle)
- **Publications** (Review or Journal Articles uploaded in Moodle)

- **Book: Cellular and Molecular Immunology**, Abul Abbas, Andrew Lichtman, Shiv Pillai; Elsevier



3. Structure of the course / final exam

- **Final Exam:**

- Multiple choice - written text (31 questions in about 30 min)
- January/February, June/July, September)
- The results can be modified by an oral exam

(at least a month between 2 attempts)

4. Aim of the course

- to apply the knowledge and understanding of the students, and their problem-solving abilities, **talking and discussing** about molecular immunology and immunotherapy

5. Program of the course

- General aspects of the immune system and immune response
- Antibodies / monoclonal antibodies / recombinant antibodies / human antibodies in diagnosis and for therapeutic purposes
- Immune system and cancer
- Cancer immunotherapy
- Hypersensitivity and therapeutic neutralization of the immune system
- Immune-deficiencies and therapies
- Vaccines
- Transplantation: role of the immune system and therapeutic prevention of its activation

A sunset over a coastal city, with the sun low on the horizon, casting a warm orange glow over the sky and the city below. The city is silhouetted against the bright light of the setting sun. The sea is visible in the distance, with a few ships on the water.

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