



UNIVERSITÀ
CATTOLICA
del Sacro Cuore

SUMMER 2026

COURSE: Eukaryotic Cell Biology

Prof. Wanda Lattanzi, Federica Tiberio, Elvira Ragozzino, Martina Salvati,
Alessia Vita, Domiziano Dario Tosi

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
Week 1	JUNE 22	JUNE 23	JUNE 24	JUNE 25	JUNE 26	JUNE 27	JUNE 28
	FREE	<p>9:30-11:30 Course introduction (Wanda Lattanzi) <i>Classroom:</i> <i>Aula 20@Economia</i></p> <p>11:30-13:30 Cell theory and eukaryotic cell nucleus (Federica Tiberio) <i>Aula 20@Economia</i></p>	<p>9:30-11:30 Plasma membrane and transport mechanisms (Wanda Lattanzi) <i>Classroom:</i> <i>Aula20@Economia</i></p> <p>11:30-13:30 Site visit (Domiziano D. Tosi)</p>	<p>14:30-16:30 Site visit to research facilities (Alessia Vita) <i>Classroom:</i> <i>Lab informatica@Polo</i></p> <p>16:30-18:30 Virtual laboratory simulation on cell structures 1 (Martina Salvati) <i>Classroom:</i> <i>Lab informatica@Polo</i></p>	<p>9:30-11:30 Cytoplasm structures – part 1 (Wanda Lattanzi) <i>Classroom:</i> <i>Aula 20@Economia</i></p> <p>11:30-13:30 Cell cycle and division (Federica Tiberio) <i>Classroom:</i> <i>Aula 20@Economia</i></p>	FREE	FREE

Week 2	JUNE 29	JUNE 30	JULY 1	JULY 2	JULY 3	JULY 4	JULY 5
	FREE	<p>11:30-13:30 Cytoplasm structures – part 2 (Federica Tiberio) <i>Classroom:</i> <i>Aula 20@Economia</i></p> <p>14:30-16:30 Virtual laboratory simulation on cell structures 2 (Alessia Vita) <i>Classroom:</i> <i>Lab informatica@Polo</i></p>	<p>14:30-16:30 Microscopy laboratory (Elvira Ragozzino) <i>Classroom:</i> <i>Lab microscopia 1@Polo</i></p> <p>16:30-18:30 Virtual laboratory simulation on DNA, RNA and Proteins (Alessia Vita) <i>Classroom:</i> <i>Lab linguistico@Polo</i></p>	<p>11:30-13:30 Extracellular matrix and cell-cell junctions (Wanda Lattanzi) <i>Classroom:</i> <i>Aula 4@Polo</i></p> <p>14:30-16:30 Virtual laboratory simulation on cellular respiration and transport mechanisms (Elvira Ragozzino) <i>Classroom:</i> <i>Lab informatica@Polo</i></p> <p>16:30-18:30 Virtual laboratory simulation on Mitosis and Meiosis (Martina Salvati) <i>Classroom:</i> <i>Lab informatica@Polo</i></p>	<p>9:30-11:30 Cell isolation and culture laboratory: group 1 (Domiziano D. Tosi) <i>Classroom:</i> <i>L3@Istituti Biologici</i></p> <p>11:30-13:30 Cell isolation and culture laboratory: group 2 (Alessia Vita) <i>Classroom:</i> <i>Aula L3@Istituti Biologici</i></p>	FREE	FREE

Week 3	JULY 6	JULY 7	JULY 8	JULY 9	JULY 10	JULY 11	JULY 12
	<p>11:30-13:30 The flow of genetic info (Federica Tiberio) <i>Classroom:</i> <i>Aula 4@Polo</i></p>	<p>9:30-11:30 Laboratory group 1: cell differentiation (Domiziano D. Tosi) <i>Classroom:</i> <i>Lab L3@Istituti</i> <i>Biologici</i></p> <p>11:30-13:30 Laboratory group 2: cell differentiation (Elvira Ragozzino) <i>Classroom:</i> <i>Lab L3@Istituti</i> <i>Biologici</i></p>	<p>9:30-11:30 Laboratory group 1: RNA isolation (Alessia Vita) <i>Classroom:</i> <i>L3@Istituti Biologici</i></p> <p>11:30-13:30 Laboratory group 2: RNA isolation (Martina Salvati) <i>Classroom:</i> <i>L3@Istituti Biologici</i></p> <p>14:30-16:30 Virtual laboratory simulation on PCR (Elvira Ragozzino) <i>Classroom:</i> <i>Lab informatica@Polo</i></p>	<p>FREE</p>	<p>11:30-13:30 Final assessment part 1 (Federica Tiberio, Wanda Lattanzi) <i>Classroom:</i> <i>Aula</i> <i>16@Economia</i></p> <p>14:30-16:30 Final assessment part 2 (Federica Tiberio, Wanda Lattanzi) <i>Classroom:</i> <i>Lab</i> <i>linguistico@Polo</i></p>	<p>FREE</p>	<p>FREE</p>