



UNIVERSITÀ
CATTOLICA
del Sacro Cuore

SUMMER 2024

COURSE NAME: Eukaryotic Cell Biology

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Diego Sibilìa

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
Week 1	JUNE 24	JUNE 25	JUNE 26	JUNE 27	JUNE 28	JUNE 29	JUNE 30
	9:30 – 12:00 Orientation session <i>Aula 6@Polo</i> 14:30-16:30 Course introduction (Lattanzi, Di Pietro) <i>Aula 7@Polo</i> 16:30-18:30 Research laboratory site visit (Sibilìa)	9:30-11:30 Cell theory and eukaryotic cell nucleus (Lattanzi) <i>Aula 7@Polo</i> 11:30:13:30 Plasma membrane and transport mechanisms (Di Pietro) <i>Aula 7@Polo</i>	9:30-11:30 Cytoplasm structures – part 1 (Lattanzi) <i>Aula 1@Polo</i> 11:30:13:30 Cell cycle and division (Di Pietro) <i>Aula 1@Polo</i>	9:30-11:30 Virtual laboratory simulation on cell structures (Ragozzino) <i>Lab.Informatica@Polo</i> 11:30:13:30 Site visit to clinical research facilities (Tiberio) <i>Lab.Microscopia1@Polo</i>	FREE	FREE	FREE

Week 2	JULY 1	JULY 2	JULY 3	JULY 4	JULY 5	JULY 6	JULY 7
	<p>9:30-11:30 Virtual laboratory simulation on cell cultures (Sibilia) <i>Lab.Informatica@Polo</i></p> <p>11:30-13:30 Microscopy laboratory (Tiberio) <i>Lab.Microscopia1@Polo</i></p>	<p>9:30-11:30 Cytoplasm structures – part 2 (Di Pietro) <i>Aula 7@Polo</i></p> <p>11:30:13:30 Virtual laboratory simulation on RNA isolation (Ragozzino) <i>Lab.Informatica@Polo</i></p>	<p>9:30-11:30 Chromatin structure and gene regulation (Lattanzi) <i>Aula 2@Polo</i></p> <p>11:30:13:30 Virtual laboratory simulation on RNA isolation (Ragozzino) <i>Lab.Informatica@Polo</i></p> <p>14:30-16:30 Virtual laboratory simulation (Sibilia) <i>Lab.Informatica@Polo</i></p>	<p>9:30-11:30 Laboratory group 1: cell isolation and culture (Tiberio) <i>L3@Istituti Biologici</i></p> <p>11:30-13:30 Laboratory group 2: cell isolation and culture (Sibilia) <i>L3@Istituti Biologici</i></p>	FREE	FREE	FREE
Week 3	JULY 8	JULY 9	JULY 10	JULY 11	JULY 12	JULY 13	JULY 14
	<p>9:30-11:30 The flow of genetic info (Di Pietro) <i>Aula 7@Polo</i></p> <p>11:30:13:30 Virtual laboratory simulation on PCR (Tiberio) <i>Lab.Linguistico@Polo</i></p>	<p>9:30-11:30 Laboratory group 1: cell differentiation (Tiberio) <i>L3@Istituti Biologici</i></p> <p>11:30-13:30 Laboratory group 2: cell differentiation (Sibilia) <i>L3@Istituti Biologici</i></p>	<p>9:30-11:30 Laboratory group 1: RNA isolation (Tiberio) <i>L3@Istituti Biologici</i></p> <p>11:30-13:30 Laboratory group 2: RNA isolation (Sibilia) <i>L3@Istituti Biologici</i></p>	<p>9:30-11:30 Lesson <i>Aula Lazzati@Polo</i></p> <p>11:30-13:30 Final assessment (Di Pietro, Lattanzi) <i>Lab.Informatica@Polo</i></p>	FREE	FREE	FREE