Cellular Physiology and Cell Culture Laboratory 2026/2027			
DATA	**Hour**	**Lezione**	**TYPE**
29.09.2026 - Martedi	8.30 – 10.30 (2h)	Introduction to the course	Theoretical
30.09.2026 - Mercoledi	15.30 – 17.30 (2h)	Introduction to the Cell and Cellular Physiology	Theoretical
06.10.2026 - Martedi	8.30 – 10.30 (2h)	Primary Culture and Cell Culture Laboratory	Theoretical
07.10.2026 - Mercoledi	*14.30 – 18.30 (4h) Cell Culture Laboratory*	*Primary Culture*	*Practical*
13.10.2026 - Martedi	8.30 – 10.30 (2h)	Structure of the Cellular Membrane	Theoretical
14.10.2026 . Mercoledi	15.30 – 17.30 (2h)	Membrane Proteins	Theoretical
20.10.2026 - Martedi	8.30 – 10.30 (2h)	Transport Across the Membrane + *Osmosis*	Theoretical
21.10.2026 - Mercoledi	*14.30 – 18.30 (4h) Barone*	*Osmosis: Group 1, 2*	*Practical*
26.10.2026 - Lunedi	*14.00 – 17.00 (3h) Barone*	*Osmosis: Group 3, 4*	*Practical*
27.10.206 - Martedi	8.30 – 10.30	Transport Across the Membrane - Part II	Theoretical
28.10.2026 - Mercoledi	14.30 – 16.30	TEST I	
03.11.2026 - Martedi	8.30 – 10.30	Intracellular Compartments and Transports	Theoretical
04.11.2026 - Mercoledi	*14.30 – 18.30 (4h) Barone*	*Fluorescent Staining of the the Cell organelles: Group 1, 2*	*Practical*
09.11.2026 - Lunedi	*14.00 – 17.00 (3h) Barone*	*Fluorescent Staining of the the Cell organelles: Group 3, 4*	*Practical*
10.11.2026 - Martedi	8.30 – 10.30	*Cy*toskeleton	Theoretical
11.11.2026 - Mercoledi	*14.30 – 17.30 (3h) Barone*	*Kariotype: Group 1, 2*	*Practical*
16.11.2026 - Lunedi	*14.00 – 17.00 (3h) Barone*	*Kariotype: Group 2,3*	*Practical*
17.11.2026 - Martedi	8.30 – 10.30 (2h)	Nucleus and Cell Cycle + Kariotype	Theoretical
18.11.2026 - Mercoledi	15.30 – 17.30 (2h)	Mitochondria+Cell Death(s) + Cell counting/freezing	Theoretical
24.11.2026 - Martedi	*8.30 – 10.30 (2h) Barone*	*Cell counting/freezing (group 1 + 2)*	*Practical*
25.11.2026 - Mercoledi	*14.30 – 16.30 (2h) Barone*	*Cell counting/freezing (group 3 + 4)*	*Practical*
01.12.2026 - Martedi	8.30 – 10.30 (2h)	TEST 2	
02.12.2026 - Mercoledi	14.30 – 16.30 (2h)	Lyophilisation vs Cryopreservation	Theoretical
09.12.2026 - Mercoeldi	14.30 – 16.30 (2h)	Nuclear reporgrammin g, Cell Differentiation, Assisted Reproduction Technologies (ART) models: SCNT, ICSI, IVF	Theoretical
15.12.2026 - Martedi	*8.30 – 10.30 (2h)*	*Embryolgy*	*Practical*

	Cell Culture Laboratory		
16.12.2026 - Mercoledi	*14.30 – 18.30 (4h) Cell Culture Laboratory*	*Embryology*	*Practical*
January 2027	(2h)	FINAL TEST	