

FISIOLOGIA DEI SISTEMI - Prof. LOI

Lunedì: 14:00 - 16:00 (17:00/18:00)

Giovedì: 15:00 - 17:00 (18:00/19:00)

| | | TEORIA | PRATICA |
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| 1. | 04.03.2024 | Introduction and course organisation. Lab organisation, safety, equipment, general informations etc. | |
| 2. | 07.03.2024 | Media composition, role of serum, pH, Oxygen, buffering, osmolality, temperature, serum free medium advantages and disadvantages | |
| 3. | 11.03.2024 (14:00 - 17:00) | | Establishment of primary cell line (Coltura primaria) Group A (1.5 h) Group B (1.5 h) |
| 4. | 14.03.2024 (15:00 - 18:00) | | Establishment of primary cell line (coltura primary) Group C (1.5h) Group D (1.5h) |
| 5. | 18.03.2024 | Cytotoxicity and Cell Characterisation | |
| 6. | 21.03.2024 (14:00 - 18:00) | | Cell characterisation: Actin/ mitochondria/nucleus staining Group A (2h) (14.00 - 16.00) Group B (2h) (16.00 - 18.00) |
| 7. | 25.03.2024 (15:00 - 19:00) | | Cell line characterisation: Actin/ mitochondria/nucleus staining Group C (2h) (15.00 - 17.00) Group D (2h) (17.00 - 19.00) |

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| 8. | 28.03.2024 (15:00 - 18:00) | OFF | |
| 9. | 4.04.2024 (14:30 - 18:30) | | LAB BARONE Kariotype Group A (2h) (14.30 - 16.30) Group B (2h) (16.30 - 18.30) |
| 10. | 08.04.2024 | | DIDACTIC LAB Counting and Freezing of MSCs Cells throwing and viability (Trypan blue and/or Calcein/PI staining) Group C (1.5h) (14.00 - 15.30) Group D (2h) (15.30 - 17.00) |
| 11. | 11.04.2024 (14.30 - 18.30) | | LAB BARONE Kariotype Group C (2h) (14.00 - 16.00) Group D (2h) (16.00 - 18.00) |
| 12. | 15.04.2024 (14.00 -18.00) | | LAB BARONE Counting and Freezing of MSCs Cells throwing and viability (Trypan blue and/or Calcein/PI staining) Group A (2h) (14.30 - 16.30) Group B (2h) (16.30 - 18.30) |
| 13. | 18.04.2024 (15.00 -17.00) | Reprogramming, Somatic Cell Nuclear transfer (for TEST II) | |
| 14. | 22.04.2024 | Base of the Embryology (for TEST II) | |

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| 15. | 29.04.2024 | Cryopreservation vs Lyopreservation (For TEST I) | |
| 16. | 02.05.2024 (15.00 - 17.00) | TEST INTERMEDIO 1 | |
| 17. | 06.05.2024 | Differenziazione Cellulare | |
| 18. | 09.05.2024 (14.30 - 18:30) | | Cell Culture LAB Embryology Group A1 (1h) Group A2 (1h) Group B1 (1h) Group B2 (1h) |
| 19. | 13.05.2024 (14.00 - 18.00) | | Cell Culture LAB Embryology Group C1 (1h) Group C2 (1h) Group D1 (1h) Group D2 (1h) |
| 20. | 16.05.2024 (15.00 -17.00) | Lezione Magistrale (Prof. Loi) | |
| 21. | 23.05.2024 (15.00 -17.00) | TEST INTERMEDIO 2 | |
| 22 | Da definire | TEST FINALE | |