

ADE list 2024-25

1st year Coordinator: Prof. Simona Paladino (2 CFU)

- 1) Selected topics at the interface between cell biology and medicine.**
- 2) Cellular models and their biomedical applications.**
- 3) Cellular imaging: principles and applications in medicine.**
- 4) Technologies of NGS (next generation sequencing) in medicine.**

2nd year Coordinator: Prof. Brunella Franco (1 CFU)

- 1) New frontiers in human and medical genetics.**
- 2) How to read and interpret a scientific publication.**
- 3) Prioritization of diagnostic approaches in medical genetics.**
- 4) Genetics of the autism spectrum.**

3rd year Coordinator: Prof. Antonio Cittadini (1 ECTS)

- 1) Evidence-Based Medicine.**
- 2) Basic Principles of Echocardiography.**
- 3) Impact of Gender Medicine on Healthcare.**
- 4) Introduction to Blood Gas Analysis.**

4th year Coordinator: Prof. Carmela Matrone (1 ECTS)

- 1) Current and new potential pharmacological strategies for neurodegenerative diseases.**
- 2) From physiological pleasure to compulsive behaviors: neurobiological mechanisms and possible pharmacological interventions.**
- 3) Practical aspects of drug development, regulation, and prescription.**
- 4) Clinical applications of monoclonal antibodies.**

5th year Coordinator: Prof. Francesco Briganti (1 ECTS)

- 1) Neurointerventional and diagnostic neuroradiology.**
- 2) Diagnostic management of stroke.**
- 3) Percutaneous therapy of lumbar pain.**
- 4) Clinical evaluation of outpatient with stroke.**

6th year Coordinator: Prof. Francesco Cacciatore (2 ECTS)

- 1) Cardiopulmonary resuscitation (CPR) and emergency cardiovascular care (ECC) cardiopulmonary resuscitation.**
- 2) Management of the re-exacerbation of chronic diseases in internal medicine patients.**
- 3) Assessment and therapeutic approach of patients with acute cardio-respiratory failure.**
- 4) Different types of shock: instrumental diagnosis and medical therapy.**