

Ph.D. in "Life Course Research" – Biomedical curriculum

Academic Year 2023-2024

Course: **Geriatrics**

Prof. Stefano Fumagalli (*University of Florence - stefano.fumagalli@unifi.it*)

Objectives:

The course aims to present and introduce the basics of geriatrics and gerontology, citing examples of physiology and physiopathology of common diseases related to aging, explores the definition of frailty and its importance in the management of the elderly patient.

Program:

Lesson 1:

- Physiopathological and epidemiological correlation between aging and atrial fibrillation
- Basics of atrial fibrillation therapy
- Anticoagulant therapy
- Definition of frailty and how to identify the patients at risk

Lesson 2:

- Physiopathological and epidemiological correlation between aging and cardiac arrest
- Ageism
- Delirium in cardiologic intensive care unit

Lesson 3:

- Definition of geriatric discipline
- How to achieve successful aging and what this definition means
- Key elements of the UGA program
- Correlation between psychology and aging definition of gerontology and definition of geriatrics Definition of aging in various aspects and consequences of aging

- Harold's model
- Crunch's model
- SOC's model
- The elderly and pathologies resulting in increased drug intake and possible ADRs disability and frailty

Suggested lecture: -

Requirement: -