

## **Prof. Andrea Frontini – Research activity**

- Molecular mechanisms and neuroanatomical characterization of central and peripheral circuits that regulate energy balance in mammals;
- Functional anatomy of white and brown fat tissues;
- Pathogenesis and pathophysiology of obesity, diabetes, and related diseases.
- Since the recent collaboration with the Forensic Medicine of UNIPV, studies have been conducted to investigate the morphological and molecular mechanisms that cause sudden cardiac death due to acute myocardial ischemia.
- Moreover, the pathobiology of the malignant pleural mesothelioma will be investigated from a morphological and molecular point of view.