

UNIVERSITY OF THESSALY – DEPARTMENT OF PHYSICAL EDUCATION AND SPORT SCIENCE
POSTDOCTORAL RESEARCHERS

MARIA VLIORA

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TOPIC OF POSTDOCTORAL RESEARCH:

Maria Vliora is currently working on the treatment of brain stroke with the use of nano-engineered carriers that target the brain through the vascular system. She is also working in the field of regenerative medicine by developing 3D printed bio-degradable bioscaffolds to stimulate growth and differentiation of stem cells.

CURRICULUM VITAE:

Maria Vliora has studied Molecular Biology and Genetics in Democritus University of Thrace. She specialized in Molecular Biology during her master's degree in Umeå University of Sweden. In 2022 she received her PhD in Biomedical Sciences from the Department of Exercise Science, University of Thessaly and the Department of Molecular and Translational Science, University of Brescia. During her PhD she worked on the development of biological scaffolds for adipose derived stem cells (ADSCs) transplantation, in the fight against obesity and related co-morbidities. She also has studied vascular factors and their implication in the development and progression of obesity and metabolic disorders. Finally, she has studied the protein irisin and its role in browning of white adipose tissue. In the past years, she has worked as a researcher in several European funded projects, and she served as a Teaching Assistant in the Department of Nutrition and Dietetics, University of Thessaly in the field of Food Microbiology. Today she is working on the development and application of targeted drug delivery solutions through the vascular system for treating cardiovascular diseases. She is also working on the development of new 3D printed biological membranes and bioscaffolds for use in medical procedures.