



University "G. D'Annunzio" of Chieti-Pescara
Department of Medicine and Aging Sciences
Lab. of Physiology and Physiopathology of Striated
Muscles



A 12 months (26.000 €) renewable research fellowship is available in the laboratory of "Physiology and physiopathology of striated muscles" directed by Prof. Feliciano Protasi at the Department of Medicine and Aging Sciences, "G. d'Annunzio" University of Chieti-Pescara, Italy.

We are looking for highly motivated candidates for a PRIN project.

Title of the project

Climatic Changes and increased risk of Heat Stroke (HS): understand the mechanisms to develop therapeutic interventions and healthy lifestyle habits during heat waves

Brief description of the proposal

Climate change causes dangerous heat waves. Exposure to high humidity/temperature predisposes the organism to heat stress, which, in situations of ineffective regulation of body temperature, can be followed by "Heat Stroke", and therefore death. For years, our research group has been studying the origin and nature of the effects induced by acute and chronic heat stress. For this purpose, animal models bearing mutations of muscle proteins predisposing to heat stroke are used. The Fellow will delve into the study of heat stress, its effects on the muscle and potential mechanical dysfunctions; she will also test possible treatments with the aim of preventing, reducing or eliminating the risk of heat stroke.

Further information for applications:

D.R. n.1810 prot. n.84369 del 27/11/2023 Bando di concorso per il conferimento di n.11 assegni per la collaborazione ad attività di ricerca (ASSEGNO N.3 NELLA DECLARATORIA)

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Deadline for application: 12/29/2023

https://www.unich.it/sites/default/files/bando_1810.pdf

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