

Special Issue

Muscles, Exercise, and Obesity

Message from the Guest Editor

Obesity is an illness characterized by excess of body fat. The large amount of fat can cause many health problems, like cancer, cardiovascular disease, diabetes, decrease in life expectancy, hyperlipidemia, hypertension, and stroke. The increase in obesity has become a major health issue worldwide affecting all groups in the population, from children to older adults. Physical exercise involves energy expenditure, and the number of burned calories depend on the intensity, volume and type of exercise performance; thus, exercising is an alternative to reduce body fat mass. The skeletal muscle is a metabolically active tissue that involves energy expenditure, so another treatment against obesity can be the increase in total body muscle mass. Conversely, the loss of muscle mass has been associated with physical disability, which can decrease physical exercise, increase sedentary behavior, decrease energy expenditure, and increase obesity and the consequent health problems. Therefore, the purpose of this Special Issue is to highlight the role of exercise and muscle mass against obesity.

Guest Editor

Prof. Dr. Jorge Pérez-Gómez

Health, Economy, Motricity, and Education (HEME) Research Group,
Faculty of Sport Sciences, The University of Extremadura, 10003
Cáceres, Spain

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
medicina@mdpi.com

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Prof. Dr. Edgaras Stankevičius

Medical Academy, Lithuanian University of Health Sciences, Kaunas,
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