

Special Issue on **Pain, Sedentary Behavior, Physical Activity, Physical Fitness, and Exercise Training: Effects and Mechanisms**

CALL FOR PAPERS

We invite the submission of manuscripts for this special issue. Sedentary behavior, physical activity, and fitness are all important health markers associated with pain in both healthy individuals and those with chronic conditions. Overall, an active lifestyle has been associated with benefits in the management of pain whereas lack of exercise has been proposed as a contributing factor to the development and/or maintenance of pain. Therefore, there is a need to further expand our knowledge in this field, to help individuals become more active and reduce pain.

The ultimate goal of the special issue is twofold:

(i) To shed light on relationships between sedentary behaviors, physical activity, physical fitness, exercise training, and pain. Particular interest will be given to manuscripts that elucidate the biological and psychosocial mechanisms that underlie the relationship among these variables.

(ii) To explore the evidence supporting interventions that target increases in physical activity or exercise training and/or decreases in sedentary behavior, for the prevention/management of pain.

We welcome articles in the fields of sedentary behavior, physical activity, physical fitness, exercise training, and pain, involving any age group. This special issue invites contributions from any disciplines, methodological, and theoretical backgrounds that address these topics. The scope of this special issue includes both humans and animal models. Pain may be an outcome of the study or a characteristic of the studied sample, which may include a variety of painful or medical conditions (e.g., fibromyalgia, rheumatoid arthritis, and cancer).

Potential topics include but are not limited to the following:

- ▶ Clinical/behavioral relationships including associations, correlations, or cause-effect
- ▶ Effect/impact of interventions
- ▶ Modulating mechanisms
- ▶ Management strategies
- ▶ Outcome measures, psychometric properties, validity, reliability, sensitivity, and other methodological issues
- ▶ Testing and theory development
- ▶ Basic science in animal models or human experiments

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/prm/psbp/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

Lead Guest Editor

Víctor Segura-Jiménez, University of Cádiz, Cádiz, Spain
victor.segura@uca.es

Guest Editors

Marina López-Solà, Cincinnati Children's Hospital, Cincinnati, USA
marina.lopez-sola@cchmc.org

Flavia Di Pietro, University of Sydney, Sydney, Australia
flavia.dipietro@sydney.edu.au

Julia Bidonde, McMaster University, Hamilton, Canada
bidondej@mcmaster.ca

Laura Ellingson, Iowa State University, Ames, USA
ellingl@iastate.edu

Virginia A. Aparicio, University of Granada, Granada, Spain
virginiaparicio@ugr.es

Submission Deadline

Friday, 1 March 2019

Publication Date

July 2019