

Curriculum vitae

Aristides M. Machado-Rodrigues

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Aristides M. Machado Rodrigues (AMR) is a member of the *Research Centre for Anthropology and Health* and also researcher of the *Centre for Sport and Physical Activity of the University of Coimbra (Portugal)* where he finished his PhD in 2011. His main research interests are in the public health sciences, with a particular focus on pediatric obesity, cardiorespiratory fitness and behavioural medicine (i.e. active lifestyles, nutritional habits, impact of sedentary time on metabolic health, and so on). He also has strong interest in the biological, social and geographic determinants of health, and behavioural features of lifestyle of our populations and how these variables may modify health-related quality of life.

Machado-Rodrigues qualified at the *University of Coimbra* in a 5-year diploma, and he has an MSc in *Motor Development* from the same University. During his PhD on Physical Activity and Health, which was finished in a pre-Bologna standard, he was collaborating with researchers from the *School for Health at the University of Bath* [United Kingdom] and the *Faculty of Medical Sciences at the University of Groningen* [The Netherlands]. He has developed his research activity with close participation of members of the *Tarleton State University* [Texas, USA], *Michigan State University* [USA], *University of Bath* [England], *Londrina State University* [Brazil] and the *University of Saskatchewan* [Canada], among others.

Machado-Rodrigues has published several scientific articles, particularly in peer-reviewed journals with impact factor such as *Preventive Medicine*, *BMC Public Health*, *American Journal of Human Biology*, *Journal of Sport Sciences*, *Annals of Human Biology*, *Journal of Physical Activity and Health*, *Pediatric Exercise Science*, *Journal of School Health*, *The Journal of Early Adolescence*, *Journal of Child Health Care*, *International Journal of Public Health*, *PlosOne*, *Scandinavian Journal of Medicine and Science in Sports* or *Health Promotion International journal (Oxford University Press)*, among others. In addition, Machado-Rodrigues has supervised several master and PhD students at the *University of Coimbra*, and he has been invited for several lectures in post-graduate programs at the same University [eg. PhD in Sport Sciences – *Physical activity and Health issues*; Master in Leisure and Local Development; Master in Organized Sport for Children and Youth, Master in Leisure and Local Development,

Master in physical activity and Public Health and Master of Physical Activity and Pedagogy]. He has been also acting as invited reviewer by international journals with impact factor such as *Preventive Medicine*, *BMC Public Health*, *Journal of School Health*, *Annals of Human Biology*, *Diabetology and Metabolic Syndrome*, *BMC Pediatrics*, *Annals of Human Biology*, *European Journal of Sport Sciences*, *Cadernos de Saúde Pública*, *Journal of Physical Activity and Health*, *Child and Adolescent Psychiatry and Mental Health*, *the International Journal of Public Health*, among others.

As result of his intense research activity, AMR reached 92 publications in peer review journals with an accumulated Impact Factor (IF) of 153.75 (32 papers in full manuscript with a partial IF=63.18, and 60 publications in short-report/abstract with an additional IF of 90.57). Furthermore, AMR published 3 books and 5 book chapters, all of them after have finished his doctoral studies, in relevant national and international publishers such as *Portuguese Sport Institute* and *UK-Routledge*, respectively. Furthermore, he has a relevant experience in the supervision of post-graduate students and he also participated as a jury member of PhD and Master thesis, and even in some international scientific panels of congresses/conferences such as the European Congress of Epidemiology (2015), the *Pediatric Work Physiology Meeting* (2013), among others. Furthermore, AMR was already invited to act as reviewer in about 100 papers in several international peer-review journals.

Finally, his high-level and novel research has been clearly recognized by several national and international organizations/congresses during the last consecutive years. In 2014, 2013, and 2012, AMR was awarded by the *Portuguese Society for the study of Obesity* with the best communications and research on Paediatric Obesity – all prizes as independent investigator. Cumulatively, his research merit has been also recognised by international agencies/scientific events such as the European prize by the *Atomium Culture*, among others.

Keywords: *Obesity, Preventive Medicine, Dietary habits, Cardiorespiratory fitness, Sedentary Behaviour, Physical activity, Public Health*