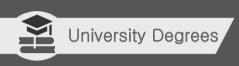


MARTINE DUCLOS

ABOUT ME

University Professor-Hospital Practitioner (Physiology), Head of Sports Medicine and Functional Explorations, CHU G. Montpied, Clermont-Ferrand



2001

Habilitation to supervise research

1997

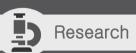
Doctorate from Bordeaux 2 University

1994

Doctorate in Medicine Specialty Endocrinology Metabolism-Nutritional Diseases (DES)

1993

DEA Biology-Health



Within the Human Nutrition Research Center (INRAUniversité d'Auvergne), she carries out research work focusing on relationships between physical and sporting activity and metabolism and hormones according to a cursor going from the intensive athlete to the physically inactive person and sedentary, in apparent good health or with chronic disease (type 2 diabetes, obesity, cancer).

Course and CV elements

Haute Autorité de Santé: member of the working group for the prescription of physical and sporting activity for health (2017- ...)

European Union-WHO: French expert

(focal point responsible for the implementation of the recommendation on the transversal promotion of PA)

National Cancer Institute: expert working group on "Physical activity during and after cancer" (2013–2016)

Fondation de France: expert for the "Sport Santé Insertion" committee (May 6, 2015-...)

National Agency for Food, Environmental and Occupational Health Safety (ANSES): working group expert on "PNNS-revision of benchmarks relating to physical activity" (2013–2015)

International Chair on Cardiometabolic Risk: expert (Pr JP Despres, Université Laval, Quebec) (March 2013-...)

Ministry of Sports: Scientific advisor for sport and health since September 2013

National Observatory of Physical Activity and Sedentary Life: founder and president of the scientific council

ANSES expertise: "Risk assessment related to weight loss dietary practices" (2010)

INSERM expertise on "the beneficial effects of physical activity" (2006–2008)

Ministerial Committee for Physical Activity-Prevention-Health (2008)

French National Sporting and Olympic Committee (CNOSF): member of the women's sport commission, member of the expert CNOSF medical commission, co-chair of the sporting activity-health commission

Publications

Thivel D, Doucet E, Julian V, Cardenoux C, Boirie Y, Duclos M. **Nutritional compensation to exercise-vs. diet-induced acute energy deficit in adolescents with obesity.** Physiol Behav. 2017;176:159–64M.

Duclos M, G. Fleury, P. Lacomme, R. Phan, L. Ren, S. Rousset. **An Acceleration Vector Variance based Method for Energy Expenditure Estimation in Real–Life Environment with a Smartphone/Smartwatch Integration.** Expert Systems With Applications, 2016, doi 10.1016/j.eswa.2016.07.021.

Duclos M, Tabarin A. Exercise and the Hypothalamo-Pituitary-Adrenal axis. Front Horm Res 2016, 47, 12–26.

Lanhers C., Duclos M., Guttmann A., Coudeyre E., Pereira B., & Ouchchane L. General Practitioners' Barriers to Prescribe Physical Activity: The Dark Side of the Cluster Effects on the Physical Activity of Their Type 2 Diabetes Patients. PLoSONE. Oct 15; 10 (10): e0140429, 2015.

Duclos M, Ouerdani A, Mormède P, Konsman JP. **Food-restriction-induced hyperactivity: addiction or fleeing famine?** Psychoneuroendocrinology 38(6) 884-97, 2013.

Duclos M, Coudeyre E, Ouchchane L. **General practioners' barriers to physical activity negatively influence type 2 diabetes mellitus patients' involvement in regular physical activity**. Diabetes Care 34 (7): e122, 2011