

[Short CV version]

Bougault Valérie, Associate Professor in Sport Sciences, Université Côte d'Azur, Nice, France

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I have a 13 year experience, as an academic researcher (3 year post-doc trainee and 12 years as an associate professor) working together with respirologists and sport physicians, from different countries or professional/elite teams, aiming to solve athletes' respiratory disorders, either acute or chronic. I participate to screening for asthma and allergies, and fulfilled the TUE in some athletes from Canada before the 2008 and 2010 Olympic Games. Faced with the growing number of respiratory health problems among athletes, we set up from 2007 an evaluation center for the respiratory health of athletes in Quebec (Canada), supervised by Pr LP Boulet. Around this network, we have federated pulmonologists and cardiologists, team doctors, researchers, coaches and local sports financing structures, to optimize the care of athletes. Thus, every year, we welcomed about 200 athletes to carry out various exercise tests, respiratory challenge, or cardiac examinations ourselves. At the end of 2009, I accepted a position as a senior lecturer in Lille (France) where I set up with respirologists a yearly screening of allergies and exercise-induced bronchoconstriction in a professional football club and participated to the education of coaches, respirologists, journalists, sport physicians and sport science and medicine students to the frequency of respiratory disorders in athletes and their respective role in the prevention, diagnostic and management, according to the IOC and WADA recommendations. Since 2018, I am an assistant professor in Nice (Côte d'Azur University, France) in charge to setting up research projects on the respiratory disorders of athletes related to pollution. I am also currently actively involved in the IOC-medical commission consensus groups on asthma and respiratory disorders in athletes due to environment (subgroups 3 and 4) and secretary of the European Allergy and Clinical Immunology (EAACI) consensus group on allergies and asthma in sport.

Academic background

2018-now : Associate professor in Sport Sciences, Université Côte d'Azur, Nice, France

2009-2018 : Lecturer in Sport Sciences, Université de Lille, France

2007-2009 : Post-doctoral position on respiratory and cardiac health of athletes, in Centre de recherche de l'institut universitaire de cardiologie et de pneumologie de Québec (Pr LP. Boulet), Canada

2005-2006 : Post-doctoral position on cardiac health of healthy subjects, Université d'Avignon, France (Pr P. Obert)

June 2005 : PhD in Sport physiology, Université de Strasbourg, France

2000 : Master degree in Sport Sciences, Université de St Etienne, France

1999 : Lifeguard diploma (french BEESAN), Poitiers, France

1997 : Bachelor in Sport Sciences, Université de Rennes, France

1994 : French Baccalauréat in Sciences and Biology

Memberships

2016-2021 : Amercian College of Sports Medicine member (ACSM)

2013-2021 : European College of Sport Sciences member (ECSS)

Last significant responsibilities

2021-now : Responsible for educator sector of adapted physical activities in Sport Sciences department of Université Côte d'Azur

2015-2024: Elected member of the executive board of the *Association des Chercheurs en Activité Physique et Sportive (ACAPS)* (Pr S. Perrey)

2020-now : Associated editor of *Science & Sports* (Pr X. Bigard)

2022-now : Associated editor of *Science & Motricité* (Pr N. Benguigui)

2011-2019 : Elected member of the french *Conseil National des Universités* in Sport Sciences (CNU 74)

Current Involvement in international working groups

2020-2022 : International Olympic Committee-medical commission consensus group on respiratory health in athletes (Pr M. Schwellnus)

2022-2024 : European Academy of Allergies and Clinical Immunology (EAACI) , Secretary of the consensus group on Asthma and allergies in athletes (Dr O. Price)

Research Background

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Researchgate : https://www.researchgate.net/profile/Valerie_Bougault2/research

Selection of 5 recent relevant publication

Price OJ, Walsted ES, Bonini M, Brannan JD, **Bougault V**, Carlsen KH, Couto M, Kippelen P, Moreira A, Pite H, Rukhadze M, Hull JH. Diagnosis and management of allergy and respiratory disorders in sport: An EAACI task force position paper. *Allergy* 2022;77(10):2909-23

Bougault V, Adami PE, Sewry N, Fitch K, Carlsten C, Villiger B, Schwellnus M, Schobersberger W. Environmental factors associated with non-infective acute respiratory illness in athletes: A systematic review by a subgroup of the IOC consensus group on "acute respiratory illness in the athlete". *J Sci Med Sport* 2022;25(6):466-473

Swellnus M, Adami PE, **Bougault V**, et al. International Olympic Committee (IOC) consensus statement on acute respiratory illness in athletes part 2: non-infective acute respiratory illness. *Br J Sports Med*. 2022 May 27;bjsports-2022-105567

Karamaoun C, Haut B, Blain G, Bernard A, Daussin F, Dekerle J, Mauroy B, **Bougault V**. Is airway damage during physical exercise related to airway dehydration? Inputs from a computational model. *J Appl Physiol* (1985). 2022 Apr 1;132(4):1031-1040

Kippelen P, Fitch KD, Anderson SD, **Bougault V**, Boulet LP, Rundell KW, Sue-Chu M, McKenzie DC. Respiratory health of elite athletes - preventing airway injury: a critical review. *Br J Sports Med* 2012;46(7):471-6

Valérie Bougault, 15th December 2021