

Curriculum Vitæ

Luca Puce

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Citizenship: Italian

Date of Birth: 27/09/1985

Education

Graduation Date: 21/07/2015

Degree Awarded: Master's Degree

Grade: 110/110 with Honors

Degree Class: LM-67 - Sciences and Techniques of Preventive and Adapted Physical Activities

University: University of Genoa

Work Experience

01/10/2024 – Present – Paralympic Informant at the INAIL office in Genoa
Integration of work injury victims through sports practice.

09/10/2024 – Present – Head Coach, Competitive Swimming Team, Superba

01/01/2015 – Present – Head Coach, Paralympic Swimming Team, Nuotatori Genovesi

01/12/2021 – Present – University Researcher (fixed-term)

University of Genoa, Department of Neurosciences, Rehabilitation, Ophthalmology, Genetics, and Maternal-Infant Sciences (DINOGLI)

03/02/2020 – 02/02/2021 – Research Fellow

University of Genoa, DINOGLI

01/11/2016 – 31/10/2019 – PhD Student in Neurosciences

University of Genoa, DINOGLI

Teaching Activities

Academic Year 2021–2022

- Lecturer in Master's Degree Program in Sciences and Techniques of Preventive and Adapted Physical Activities (LM-67)
 - Adapted Motor and Sports Activities 1 (3 ECTS, Year II)
 - Motor Activities for the Disabled (3 ECTS, Year II)
- Lecturer in Master's Degree Program in Sciences and Techniques of Sport (LM-68)
 - Sport Sciences and Techniques for the Disabled (3 ECTS, Year II)

Academic Year 2022–2023

(same courses as above)

Academic Year 2023–2024

(same courses, with added role:)

- Coordinator of the Integrated Course: Technical Aspects of Sports Performance 1
(Master's Degree in Sciences and Techniques of Sport, LM-68, Year II)

Academic Year 2024–2025

(same as 2023–2024)

Conference and Scientific Outreach Activities

- **30 Nov – 1 Dec 2023** – National Update Course SIMFER “Sport and Rehabilitation” (Genoa)
Talk: “Hedonic well-being and Paralympic sport: evidence from a large international case series”
- **12–15 Oct 2023** – 51st SIMFER Congress (Bologna)
Talk: “Not all types of muscle hypertonia worsen with fatigue: a study on Paralympic athletes”
- **1 Apr 2022** – Conference “Sport, Well-being and Poland Syndrome” (San Martino Hospital, Genoa)
Talk: “Perceived psychophysical well-being in Paralympic swimmers”
- **11 Dec 2021** – 6th Sports Medicine Conference (Genoa)
Talk: “Rehabilitation strategies for preparing Paralympic athletes for Tokyo 2020 Paralympics”
- **3 Dec 2020** – Seminar “Sport to Restart – Reintegration of People with Disabilities” (Genoa)
Talk: “Paralympic sport as a post-rehabilitation path for enhancing residual abilities and developing new motor skills”
- **29 Sep – 2 Oct 2019** – 47th SIMFER National Congress (Florence)
Talk: “Hyper-excitability is there but unseen! Stretch reflex study in hamstrings of patients with multiple sclerosis”
- **5–7 Oct 2018** – 10th National Congress of the Italian Society of Motor and Sports Sciences (SISMES) (Messina)
Talk: “Methodologies and race analysis of a top-level Paralympic swimmer”
- **22–25 Oct 2017** – 45th SIMFER National Congress (Genoa)
Talk: “Effect of competitive swimming on perceived well-being in disabled athletes”

Editorial Activities

- **July 2024** – Guest Editor for the Special Issue “Physical Activity in People with Cognitive Impairment” in the journal *Life* (Impact Factor: 3.2; Q1; CiteScore: 4.3)
- **2023 – 2024** – Member of editorial boards of international scientific journals:
 - *International Journal of Sport Studies for Health*
 - *Disaster and Emergency Medicine Journal*

Scientific Responsibilities

- **07/06/2017** – Key Investigator, Vodafone Foundation Project “Call for Ideas – Always Sport”.
Project: “Creation of a multifunctional gym for scientific research in Paralympic sports”
- **03/10/2023** – Key Investigator, competitive funding “FRA 2022 Funds”
Project: “Developing a Clinical Scale for Evaluating the Psychophysical Well-being of Athletes with Disabilities”
- **01–03/2022** – Key Investigator, EU H2020 SoftPro Project (Grant No. 688857)
Clinical study: “Effect of the softband x medical device in subjects with upper limb weakness due to stroke”

Peer Reviewer for International Scientific Journals

(includes but not limited to)

- *Plos One, Medicine, Scandinavian Journal of Medicine & Science in Sports, European Journal of Physical and Rehabilitation Medicine, Journal of Sports Medicine and Physical Fitness, Frontiers in Public Health, International Journal of Sports Physiology and Performance, Frontiers in Psychology, Frontiers in Aging, Journal of Autism and Developmental Disorders, Frontiers in Sports and Active Living, Applied Physiology Nutrition and Metabolism, PeerJ, BMC Sports Science Medicine and Rehabilitation, Adapted Physical Activity Quarterly, Human Movement, F1000 Research, Frontiers in Cardiovascular Medicine, International Journal of Inclusive Education, Frontiers in Clinical Diabetes and Healthcare*

Publications and Editorial Work

Author of **66 peer-reviewed scientific articles**, published in indexed international journals (PubMed/Scopus), **26 as first, last, or corresponding author**.

Personal Statement

I conduct my research at the Neurorehabilitation Clinic of San Martino Hospital. Since my recruitment, I have focused on studying biochemical, physiological, psychological, and psychophysiological responses induced by sports activity, both in healthy individuals and in people with disabilities. I have also developed and implemented physical activity programs and training strategies to enhance athletic performance. As a Paralympic coach, I have contributed to the success of several athletes, earning medals at the Paralympic Games, World, and European Championships. My dedication has been recognized by the Italian National Olympic Committee (CONI) with the Golden Palm for Technical Merit.