

# Curriculum Vitae - Simone Battista

01/02/1994 Pavia (PV), Italy; Sex: M; Gender: M.

## **SHORT BIO**

Simone Battista, physiotherapist, MSc, is a joint PhD student in Neurosciences (University of Genova, Genova, Italy) and Medical Science (Lund University, Lund, Sweden). His main area of research revolves around the study and the treatment of rheumatic and musculoskeletal diseases. Specifically, he is interested in understanding how to improve patients' adherence to lifestyle interventions (e.g., exercise and diet) and how patients' socioeconomic, cultural and psychological factors can jeopardise their care. He has authored 16 scientific papers in the last three years, all published in impact journals and participated as a speaker in oral and poster presentations in 13 congresses worldwide.

## **QUALIFICATIONS**

01/11/2019 - Present

**University of Genova**, Genova, Italy & **Lund University**, Lund, Sweden

**Joint Doctorate - PhD in Neurosciences** (Genova) | **PhD in Medical Science** (Lund)

Project: "A Multi-Method Analysis of the Cultural, Sociodemographic and Economical Elements Beneath Osteoarthritis Intervention Outcome"

Supervisors: Prof. Marco Testa, Dr Andrea Dell'Isola and Prof. Martin Englund

12/01/2019 - 10/2020

**University of Genova**, Genova, Italy

Post-Graduate Master Degree in **Musculoskeletal Disorders Rehabilitation**

Thesis: "Temporal Information Can Modulate the Onset of Nocebo Hyperalgesia: A Cold Pressor Test Experiment"

Supervisor: Prof. Aldo Scafoglieri

**110/110 cum Laude**

17/11/2016 - 22/10/2018

**University of Verona**, Verona, Italy

MSc in **Health Professional Rehabilitation Sciences**

Thesis: "Rehabilitative Paths in Patients with Chronic Migraine: Observational Study and Improvement Project on a Cohort of 40 Patients"

Supervisor: Prof. Nicola Smania

**110/110 cum Laude**

16/10/2013 - 10/11/2016

**University of Milano**, Milano, Italy

BSc in **Physiotherapy**

Thesis: "Rehabilitative Implications of the Capacity of Localised Sound Sources in Patients with Central Nervous System Injuries"

Supervisor: Rossella Pagani MD

**110/110**

## **WORKING POSITIONS**

02/11/2022 - Present

University of Genova, Genova, Italy

Post-Doc Research Fellow in Neurosciences

01/11/2019 - Present

University of Genova, Genova, Italy & Lund University, Lund, Sweden

PhD Candidate in Neurosciences (Genova) and Medical Science (Lund)

01/01/2017 - 01/11/2019

Freelance physiotherapist

## **SCIENTIFIC PUBLICATIONS - PUBLISHED IN IMPACT JOURNALS**

Caffini G, **Battista S**, Raschi A, Testa M. *Physiotherapists' Knowledge of and Adherence to Evidence-Based Practice Guidelines and Recommendations for Ankle Sprains Management: a Cross-Sectional Study*. BMC Musculoskelet Disord. 2022. 23, 975. doi: 10.1186/s12891-022-05914-5

Sadowski PK, **Battista S**, Leuzzi G, Sansone LG, Testa M. *Low Back Pain in People with Lower Limb Amputation: A Cross-sectional Study*. Spine. 2022. doi: 10.1097/BRS.0000000000004422

**Battista S**, Manoni M, Dell'Isola A, Englund M, Palese A, Testa M. *Giving an account of patients' experience: A qualitative study on the care process of hip and knee osteoarthritis*. Health Expect. 2022, 1-17. doi: 10.1111/hex.13468

Camerone E\*, **Battista S\***, Benedetti F, Carlino E, Sansone LG, Buzzatti L, Scafoglieri A, Testa M. *The temporal modulation of nocebo hyperalgesia in a model of sustained pain*. Front Psychiatry. 2022 Feb, 13:807138. doi: 10.3389/fpsy.2022.807138

Sansone LG, Stanzani R, Job M, **Battista S**, Signori A, Testa M. *Robustness and static-positional accuracy of the SteamVR 1.0 virtual reality tracking system*. Virtual Reality. 2021. doi: <https://doi.org/10.1007/s10055-021-00584-5>

Keelson B, Buzzatti L, Ceranka J, Gutiérrez A, **Battista S**, Scheerlinck T, Van Gompel G, De Mey J, Cattrysse E, Buls N, Vandemeulebroucke J. *Automated Motion Analysis of*

*Bony Joint Structures from Dynamic Computer Tomography Images: A Multi-Atlas Approach.* Diagnostics. 2021 Nov, 11:2062. doi: <https://doi.org/10.3390/diagnostics11112062>

**Battista S**, Sansone LG, Testa M. *Prevalence, Characteristics, Association Factors of and Management Strategies for Low Back Pain Among Italian Amateur Cyclists: an Observational Cross-Sectional Study.* Sports Med Open. 2021 Oct 28;7(1):78. doi: [10.1186/s40798-021-00370-2](https://doi.org/10.1186/s40798-021-00370-2)

**Battista S**, Dell'Isola A, Manoni M, Englund M, Palese A, Testa M. *Experience of the COVID-19 pandemic as lived by patients with hip and knee osteoarthritis: an Italian qualitative study.* BMJ Open. 2021 Oct 27;11(10):e053194. doi: [10.1136/bmjopen-2021-053194](https://doi.org/10.1136/bmjopen-2021-053194)

**Battista S\***, Buzzatti L\*, Gandolfi M, Finocchi C, Falsiroli Maistrello L, Viceconti A, Giardulli B, Testa M. *The Use of Botulinum Toxin A as an Adjunctive Therapy in the Management of Chronic Musculoskeletal Pain: A Systematic Review with Meta-Analysis.* Toxins 2021, 13, 640. doi: <https://doi.org/10.3390/toxins13090640>

Cutolo R, **Battista S**, Testa M. *Actual and Perceived Level of Scientific English across Italian Physiotherapy Courses: A Cross-Sectional Study.* Healthcare 2021, 9, 1135. doi: [10.3390/healthcare9091135](https://doi.org/10.3390/healthcare9091135)

Dottor A, Sansone LG, **Battista S**, Mori L, Testa M. *Flexion-extension Strength of the Index-Thumb System in Italian Population. A Cross-Sectional Study to Gather Normative Data.* J Hand Ther. 2021. doi: [10.1016/j.jht.2021.05.004](https://doi.org/10.1016/j.jht.2021.05.004)

**Battista S**, Salvioli S, Millotti S, Testa M, Dell'Isola A. *Italian Physiotherapists' Knowledge of and Adherence to Osteoarthritis Clinical Practice Guidelines: a Cross-Sectional Study.* BMC Musculoskelet Disord. 2021. 22:380. doi: [10.1186/s12891-021-04250-4](https://doi.org/10.1186/s12891-021-04250-4)

Job M, **Battista S**, Stanzani R, Signori A, Testa M. *Quantitative Comparison of Human and Software Reliability in the Categorisation of Sit-to-stand Motion Pattern.* IEEE TNSRE. 2021. 29:770-776. doi: [10.1109/TNSRE.2021.3073456](https://doi.org/10.1109/TNSRE.2021.3073456)

Gandolfi M\*, Donisi V\*, **Battista S**, Picelli A, Valè N, Del Piccolo L, Smania N. *Health-Related Quality of Life and Psychological Features in Post-Stroke Patients with Chronic Pain: A Cross-Sectional Study in the Neuro-Rehabilitation Context of Care.* Int J Environ Res Public Health. 2021. 18, 3089. doi: [10.3390/ijerph18063089](https://doi.org/10.3390/ijerph18063089)

Donisi V, Mazzi MA, Gandolfi M, Deledda G, Marchioretto F, **Battista S**, Poli S, Giansante M, Geccherle E, Perlini C, Smania N, Del Piccolo L. *Exploring Emotional Distress, Psychological Traits and Attitudes in Patients with Chronic Migraine Undergoing OnabotulinumtoxinA Prophylaxis versus Withdrawal Treatment.* Toxins. 2020. 12, 577. doi: [10.3390/toxins12090577](https://doi.org/10.3390/toxins12090577)

Gandolfi M, Donisi V, Marchioretto F, **Battista S**, Smania N, Del Piccolo L. *A Prospective Observational Cohort Study on Pharmacological Habitus, Headache-Related Disability and Psychological Profile in Patients with Chronic Migraine Undergoing OnabotulinumtoxinA Prophylactic Treatment*. *Toxins*. 2019. 29;11(9). doi: 10.3390/toxins11090504

\*These two authors shared the position on the authorship

## **PUBLISHED ABSTRACTS - INTERNATIONAL JOURNALS**

**Battista S**, Dell'Isola A, Pchelnikova P, Ndosu M, Englund M, Manoni M, Testa M. HPR 2020 Grant. Awareness of Non-Pharmacological and Non-Surgical Treatments for Osteoarthritis: A Survey of People with Osteoarthritis in Sweden. 2022. *Ann Rheum Dis*. 81(1):1107

**Battista S**, Manoni M, Dell'Isola A, Englund M, Palese A, Testa M. The Care Process of Patients With Hip and Knee Osteoarthritis: Giving an Account of Patients' Experience. 2021. *Ann Rheum Dis*. 80(1):292-3

**Battista S**, Salvioli S, Millotti S, Testa M, Dell'Isola A. *Physiotherapists' Adherence to Osteoarthritis Clinical Guidelines: A National Survey*. 2020. *Ann Rheum Dis*. 79(1):566-7

Donisi V, Mazzi MA, **Battista S**, Deledda G, Marchioretto F, Smania N, Gandolfi M. *Psychological factors in patients with chronic migraine attending a neurorehabilitation unit: an exploratory study*. *Mediterranean Journal of Clinical Psychology*, 7(2) Suppl. 2019

## **SUCCESSFUL FUNDING APPLICATIONS**

### **2021-2022**

**EULAR** (European Alliance of Associations for Rheumatology) | **Grant for Educational Visits for Health Professionals in Rheumatology**: 1.450 €

**Host Institute**: Salford University, Human Movement and Rehabilitation Research

**Role**: Principal Investigator

### **2020-2021**

**Fondazione C.M. Lerici** | **2021 Grant for Scientific Exchange between Sweden and Italy**: 50.000 SEK

**Project Name**: Exploring the (In)equality of Care in Patients Suffering from Osteoarthritis: Socioeconomic Position and Clinical Outcome

**Role**: Principal Investigator

### **2019-2020**

**EULAR** (European Alliance of Associations for Rheumatology) | **2020 EULAR Health Professionals Research Grant**: 29.950 €

**Project Name**: Exploring Patients' Knowledge of Non-Pharmacological Treatments for OA: An International Survey in Italy, Sweden, Russia and the United Kingdom.

**Role**: Principal Investigator

**University of Genoa | PhD in Neurosciences:** 46.029 €

**GIMBE Foundation | "EBP - Core Curriculum":** 1.000 €

**2018-2019**

**University of Genoa | Erasmus+ Project:** 1.500 €

## **PRIZES**

May 2023 - Sønderborg, Denmark

Danish Hospital for Rheumatic Diseases

Winner of the educational visit at the 'Center for Expertise in Rheumatology' at the 'Danish Hospital for Rheumatic Diseases'

November 2022 - Paris, France

European Alliance of Associations for Rheumatology (EULAR): Teaching and Learning Seminar

Winner of the bursary to cover the travel to the venue and the expenses of the course

October 2022 - Berlin, Germany

European Alliance of Associations for Rheumatology (EULAR): 5<sup>th</sup> EULAR Registers and Observational Drug Studies (RODS) Meeting 2022

Abstract winner of the bursary to cover the expenses of the course

September 2022 - Trelleborg, Sweden

The Kock Foundation International Symposium on Osteoarthritis & Alzheimer's disease

Winner of the 'Best Oral Presentation by Early Career Investigators'

June 2022 - Copenhagen, Denmark

European Alliance of Associations for Rheumatology (EULAR): Annual European Congress of Rheumatology

Winner of the 'Travel Bursary' for the cost of the conference, travel and accommodation.

June 2020 - Frankfurt, Germany

European Alliance of Associations for Rheumatology (EULAR): Annual European Congress of Rheumatology

Winner of the 'Travel Bursary' for the cost of the conference, travel and accommodation.

## **TEACHING EXPERIENCES IN HIGHER EDUCATION**

**2022-2023**

**University of Genova** | 40 hours

Post-Graduate Degree in **Rheumatic and Musculoskeletal Disorders Rehabilitation**

Teaching assistant for the module "Cervical Spine and Temporomandibular joint"

**University of Verona** | 24 hours

MSc in **Health Professional Rehabilitation Sciences** - 2nd year

Temporary Professor for the Course "Teaching Methodology for the Rehabilitative Health Professions"

### **2021-2022**

**University of Genova** | 40 hours

Post-Graduate Degree in **Rheumatic and Musculoskeletal Disorders Rehabilitation**

Teaching assistant for the module "Cervical Spine and Temporomandibular joint"

**University of Verona** | 24 hours

MSc in **Health Professional Rehabilitation Sciences** - 2nd year

Temporary Professor for the Course "Teaching Methodology for the Rehabilitative Health Professions"

### **2020-2021**

**University of Verona** | 20 hours

MSc in **Health Professional Rehabilitation Sciences** - 2nd year

Temporary Professor for the Course "Teaching Methodology for the Rehabilitative Health Professions"

### **2019-2020**

**University of Milan** | 5 hours

**Medical School** - 5th year

Seminar: "Introduction to Neurological Rehabilitation"

**University of Verona** | 30 hours

MSc in **Health Professional Rehabilitation Sciences** - 2nd year

Teaching Assistant for the Course "Organisational Progress in the Diagnostic-Rehabilitation Pathways" held by Prof. Nicola Smania

**University of Verona** | 6 hours

MSc in **Health Professional Rehabilitation Sciences** - 2nd year

Seminar: "Teaching Innovation in Rehabilitation: New Perspectives"

### **2018-2019**

**University of Verona** | 30 h

MSc in **Health Professional Rehabilitation Sciences** - 2nd year

Teaching Assistant for the Course "Organisational Progress in the Diagnostic-Rehabilitation Pathways" held by Prof. Nicola Smania

**University of Milan** | 5 hours

BSc in **Physiotherapy** - 3rd year

Seminar: "Evidence Based Medicine in Rehabilitation"

**University of Milan** | 5 hours

BSc in **Physiotherapy - 3rd year**

Seminar: "Clinical Reasoning in the Physiotherapy Assessment"

**2016-2017** | 10 hours

**University of Milan** - BSc in **Physiotherapy - 1st year**

Seminar: "Physical Assessment in Physiotherapy"

**University of Milan** | 5 hours.

BSc in **Physiotherapy - 3rd year.**

Seminar: "Evidence Based Medicine in Rehabilitation"

## **THESIS SUPERVISION**

**2020-Currently**

**University of Verona** - MSc in **Health Professional Rehabilitation Sciences**

Supervisor MSc dissertation

**2018-2021**

**University of Milan** - BSc in **Physiotherapy**

Co-supervisor BSc dissertation

## **ORAL PRESENTATIONS**

October 2022 - Palermo, Italy

Italian Association of Physiotherapy: 2nd International Scientific Congress

**Intervention:** "How Relevant is Relevance in Teaching? Relevance as a Driver for Inspiring Lectures"

October 2022 - Berlin, Germany

European Alliance of Associations for Rheumatology (EULAR): 5th EULAR Registers and Observational Drug Studies (RODS) Meeting

**Intervention:** "Exercise Adherence in Osteoarthritis: What do we know about it?"

September 2022 - Innsbruck, Austria

MCI | The Entrepreneurial School® - 9th Responsible Management Education Research Conference

**Intervention:** "Demographic and Lifestyle, Socioeconomic and Disease-Related Characteristics Associated with Adherence to a Supervised Exercise Programme for Osteoarthritis"

September 2022 - Trelleborg, Sweden

The Kock Foundation International Symposium on Osteoarthritis & Alzheimer's disease

**Intervention:** "Adherence to exercise in OA: a complex yet poorly understood phenomenon"

June 2022 - Bled, Slovenia

Angela Boškin Faculty of Health Care - 15th International Scientific Conference:

Digitalisation and Education in Health Sciences

**Intervention:** "Quality of Healthcare Professional Students' Clinical Records: a Multi-Method Randomised Double-Blind Controlled Trial on Asynchronous and Synchronous Learning"

February 2022 - Genova, Italy

The Use of Technology at the Service of the Patient - Conference Organised at the Paediatric Gaslini Hospital (Genova, Italy)

**Intervention:** "New Way to Assess the Force and Motor Control of Pinch and Bite Movements"

November 2021 - Rimini, Italy

Italian Rheumatology Society Annual Conference

**Intervention:** "Qualitative research: When Words Weigh More than Numbers"

June 2021 - Rome, Italy

PText - Physical Therapy Excellence Congress - The Future of Italian Physiotherapy

**Intervention:** "A Multi-Method Analysis of the Cultural, Sociodemographic and Economic Elements Beneath Osteoarthritis Intervention Outcome"

May 2021 - Baltimore, USA

International Conference of the Society for Interdisciplinary Placebo Studies (SIPS)

**Intervention:** "Temporal Expectation Can Modulate the Onset of Nocebo Hyperalgesia in Tonic Pain: a Randomised Controlled Trial."

## **POSTER PRESENTATIONS**

June 2022 - Copenhagen, Denmark

European Alliance of Associations for Rheumatology (EULAR): "Annual European Congress of Rheumatology"

**Poster Title:** "HPR 2020 Grant. Awareness of Non-Pharmacological and Non-Surgical Treatments for Osteoarthritis: a Survey of People with Osteoarthritis in Sweden"

June 2021 - Paris, France

European Alliance of Associations for Rheumatology (EULAR): "Annual European Congress of Rheumatology"

**Poster Title:** "The Care Process of Hip and Knee Osteoarthritis: Giving an Account of Patients' Experience"

June 2020 - Frankfurt, Germany (E-Congress)

European Alliance of Associations for Rheumatology (EULAR): "Annual European Congress of Rheumatology"

**Poster Title:** "Physiotherapists' Adherence to Osteoarthritis Clinical Guidelines: a National Italian Survey"



## **CONFERENCE AND SUMMER SCHOOL ORGANISATION**

25-9/07/2022 - University of Genova, Campus of Savona, Savona, Italy

NEUREHAB - Summer School organised by the University of Genova (Genova, Italy) and the University of Stuttgart (Stuttgart, Germany)

Part of the Organisation Committee

## **EXPERIENCE ABROAD**

23/03/2022-03/04/2022

University of Salford, Manchester, United Kingdom

Visiting PhD Student at the 'Salford Human Movement and Rehabilitation Research'

01/03/2020-31/07/2020

Vrije Universiteit Brussel (VUB), Bruxelles, Belgium

Visiting PhD Student at 'EXAN-Research Department'

## **JOURNAL EDITOR**

13/10/2020 - 31/10/2021

**Guest Editor** for *Toxins (MDPI)* for the Special Issue "Treatment Applications of Botulinum Toxins in the Multidisciplinary and Integrated Management of Pain Syndromes"

ISSN: 2072-6651

## **PARTICIPATION TO COMMITTEES**

June 2022 - Present

Part of the EMerging EULAR NETwork (EMEUNET) Peer-Mentoring Subcommittee

## **PARTICIPATION TO CONFERENCES**

November 2022 - Rimini, Italy

Italian Rheumatology Society Annual Conference

October 2022 - Palermo, Italy

Italian Association of Physiotherapy: 2nd International Scientific Congress

October 2022 - Berlin, Germany

European Alliance of Associations for Rheumatology (EULAR): "Annual European Congress of Rheumatology": 5th EULAR Registers and Observational Drug Studies (RODS) Meeting

September 2022 - Innsbruck, Austria

MCI | The Entrepreneurial School® - 9th Responsible Management Education Research Conference

September 2022 - Trelleborg, Sweden

The Kock Foundation International Symposium on Osteoarthritis & Alzheimer's disease

June 2022 - Bled, Slovenia

Angela Boškin Faculty of Health Care - 15th International Scientific Conference: Digitalisation and Education in Health Sciences

June 2022 - Copenhagen, Denmark

European Alliance of Associations for Rheumatology (EULAR): "Annual European Congress of Rheumatology"

November 2021 - Rimini, Italy

Italian Rheumatology Society Annual Conference

June 2021 - Paris, France

European Alliance of Associations for Rheumatology (EULAR): "Annual European Congress of Rheumatology"

May 2021 - Baltimore, USA

International Conference of the Society for Interdisciplinary Placebo Studies (SIPS)

July 2020 - Nagoya, Japan

International Society of Electrophysiology and Kinesiology (ISEK) : "XXIII ISEK Congress"

June 2020 - Frankfurt, Germany

European Alliance of Associations for Rheumatology (EULAR): "Annual European Congress of Rheumatology"

June 2019 - Savona, Italy

Pain Science in Motion III (PSIM): "International and Interdisciplinary Colloquium on Research Methods in Pain Sciences"

October 2017 - Roma, Italy

International Scientific Conference A.I.FI.: "Therapeutic Exercise: Foundations, Evidences and Clinical Reasoning in Physiotherapy Practice"

## **COURSES**

May 2022 - Lund, Sweden | 40 h

Cochrane Sweden, Cochrane Denmark, Cochrane Norway, Cochrane Sustainable Healthcare

Course: "Systematic Reviews and Meta-analysis: Introduction to the Cochrane Methodology"

## **AFFILIATIONS**

**BSRI** British Society of Rheumatology

**EMEUNET** | EMerging EULAR NETwork

**ForRHEUMA** | Italian Forum of the Health Professionals in Rehabilitation

**AIFI** | Italian Association of Physiotherapists

**GTM** | Italian Manual Therapy Group

## **REFEREES**

<b>Name and Surname</b>	<b>Position</b>	<b>University</b>	<b>Email</b>
Prof. Marco Testa	Associate Professor	University of Genoa	<a href="mailto:marco.testa@unige.it">marco.testa@unige.it</a>
Prof. Martin Englund	Full Professor	Lund University	<a href="mailto:martin.englund@med.lu.se">martin.englund@med.lu.se</a>
Prof. Marialuisa Gandolfi	Associate Professor	University of Verona	<a href="mailto:marialuisa.gandolfi@univr.it">marialuisa.gandolfi@univr.it</a>
Dr Andrea Dell'Isola	Research Associate	Lund University	<a href="mailto:andrea.dellisola@med.lu.se">andrea.dellisola@med.lu.se</a>

## **LANGUAGES**

<b>Language</b>	<b>Reading</b>	<b>Speaking</b>	<b>Writing</b>	<b>Listening</b>
Italiano	Native Speaker	Native Speaker	Native Speaker	Native Speaker
English	C1	C1	C1	C1
French	B2	B2	B2	B2

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