



**Prof. Dr. Roberto MERONI**

Associate Professor, LUNEX

homepage: <https://lunex.lu>

## ACADEMIC ACHIEVEMENTS

### Current position

- 2020- Head of Department at LUNEX, Luxembourg
- 2019- Associate Professor of Physiotherapy at LUNEX, Luxembourg
- 2019- Chair of the Ethics Committee at LUNEX, Luxembourg
- 2024- Chair of the Senate at LUNEX, Luxembourg

### Qualifications

- 2014 Ph.D. in Neuroscience (Dottorato di Ricerca in Neuroscienze) – University of Milan Bicocca
- 2011 Health Profession of Rehabilitation Science degree – MSc (Laurea specialistica in Scienze delle Professioni Sanitarie della Riabilitazione)– University of Milan
- 2005 Physical Therapy Degree – Bsc (Laurea in Fisioterapia )– University of Milan Bicocca

### SHORT BIO

**Roberto Meroni** is an Associate Professor of Physiotherapy and Head of Department of Health at LUNEX in Luxembourg. He is also Chair of the Research and Ethics Committee and a member of LUNEX Research Council since 2019 and Chair of the LUNEX Academic Senate since January 2024. Before joining LUNEX in 2019, he worked at the University of Milan Bicocca (IT) first as contract professor and later as Assistant Professor with clinical responsibilities and Director of the Physiotherapy degree. He always kept a strong bond with the clinical practice, alternating his clinical activity with the involvement in research and academic commitments since 2006 when, after graduating as a physiotherapist, he started his career as a clinician while supporting the research activities at the University of Milan Bicocca as research assistant. Roberto oversaw the clinical motion capture laboratory at the University of Milan Bicocca from 2010 to 2019. He obtained his Ph.D. in Neuroscience in 2014 at the University of Milan Bicocca and his Master (Laurea Magistrale in Scienze delle Professioni Sanitarie della Riabilitazione) in 2010 at the University of Milan. Roberto has published 35 manuscripts in peer-reviewed international journals and his h-index is 12 with 314 total citations (source Scopus April 2023).

In 2008 Prof. Meroni has been a visiting researcher at Washington University in the Motion Analysis Laboratory directed by Prof. Linda Van Dillen at Washington University in St. Louis. That first international research experience boosted his curiosity towards the Movement System Science and, from that year, he had the privilege to participate in research meetings organized by Shirley Sahrmann on a yearly basis. In 2018 he attended for two months the NHMRC Centre of Clinical Research Excellence in Spinal Pain, Injury & Health at The University of Queensland under the guidance of Prof. Paul Hodges to study the relationship between motor control of the trunk and the transition from acute to chronic low back pain.

Prof. Meroni always believed in the development of the Profession, from 2009 to 2011 he was a member of the regional Board of Directors of the Italian Physical Therapy Association, subsequently he was elected, by the Association national congress, member of the national Board of Directors where he served from 2011 to 2014. Currently he is still actively participating in the associative life as a member of AIFI Scientific Committee and was appointed in 2021 as the responsible for the Association scientific journals and general publications. Prof. Meroni is a member of the Association Luxembourgeoise des Kinésithérapeutes (ALK).

### Areas of interests

Musculoskeletal rehabilitation - movement system impairments syndromes, biomechanics, motor control and outcome measures.

### Subjects of expertise

- Physical Therapy
- Rehabilitation
- Biomechanics
- Motor control

- Project management

#### Language

- Italian (native) | English (C1) | French (B1)

#### Other relevant skills

- Motion capture  
advanced knowledge of:
  - o Laboratory instrumentation management
  - o QTM (Qualisys AB) software
  - o C-motion Visual 3d Software
 intermediate knowledge of:
  - o Matlab, programming
  - o Labview, programming
- Statistics  
advanced knowledge of:
  - o IBM SPSS
  - o RUMM 2030 (RUMM Laboratory Pty Ltd)
  - o STATA
- Project Management  
advanced knowledge of:
  - o Microsoft Project
  - o Sonia (QSR International)

#### Other experiences

- From 2011 to 2014 – Italian Physical Therapy Association representative (AIFI - <https://aifi.net>), member of the National board of directors.
- From 2009 to 2011 – Italian Physical Therapy Association representative (AIFI - <https://aifi.net>), member of the Regional board of directors.

#### Editorial responsibilities

- Review Editor in Neurorehabilitation, specialty section of Frontiers in Neurology
- Editorial coordinator “Fisioterapia” official journal of the Italian Association of Physiotherapy

#### Publications

##### Scopus

<https://www.scopus.com/authid/detail.uri?authorid=23567006900>

##### Orcid ID

<http://orcid.org/0000-0002-5717-1148>

##### Other publications via IRIS\*

[https://boa.unimib.it/browse?type=author&authority=rp00634&authority\\_lang=en](https://boa.unimib.it/browse?type=author&authority=rp00634&authority_lang=en)

\*IRIS is an Integrated Information Management System and it includes BOA, Bicocca Open Archive, the Institutional Repository dedicated to the collection and dissemination of the scientific production of the University Milano Bicocca.