



Curriculum Vitae Europass

Informazioni personali

Nome(i) / Cognome(i) **LUCIANA MASCIA**

Indirizzo(i)

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Cittadinanza ITALIAN

Data di nascita 04 MARCH 1968

Sesso F

Settore professionale PROFESSOR ANESTHESIA AND INTENSIVE CARE

Esperienza professionale

Academic Appointments:

- From July 2023 till now: Full Professor, University of Unisalento, Italy
- From Nov 2019 till now: Associate Professor, University of Bologna, Italy
- From Nov 2015 to Oct 2019: Associate Professor, University of Rome, La Sapienza, Polo Pontino, Italy
- From Dec. 2010 to Oct 2015: Associate Professor, University of Turin, Italy
- From Nov. 2001 to Dec. 2010: Assistant Professor, University of Turin, Italy

Clinical Appointments:

- From March 2009 to Oct 2015: Incarico gestione struttura semplice (GSU): coordinamento flussi del perioperatorio ad alta complessità – Ospedale San Giovanni Battista, Turin, Italy
- From Jan.2001 to Dec. 2009: Attending Physician – Ospedale San Giovanni Battista, Turin, Italy
- From Dec. 1996 to Oct. 1997: Attending Physician – Ospedale Policlinico, Bari, Italy
- From May 1996 to July 1996: Clinical Attending, Senior House Officer (SHO) – Western Hospital, Edinburgh, UK

Teaching experience:

- From Nov 2020 till now: Director of residency program in critical care and anesthesia, University of Bologna, Italy
- From Nov 2019 till now: English Medical school: critical care and anesthesia, University of Bologna, Italy
- From Nov 2019 till now: Faculty of Medicine – neurophysiology technicians school: critical care and anesthesia, University of Bologna, Italy
- From nov 2015 till now: Medical school: critical care and anesthesia; University of Rome La Sapienza, Italy
- From nov 2016 till now: Medical school: advanced life support; University of Rome La Sapienza, Italy
- From nov 2016 till now: Corso di alta formazione in neuroradiologia interventistica; Neurocritical care. University of Rome La Sapienza, Italy
- From nov 2015 till now: Residency program in anesthesia; - University of Rome La Sapienza, Italy
- From 2001 to oct 2015: Residency program in anesthesia; Residency program in general surgery; Residency program in cardiac surgery; Residency program in neurosurgery; Residency program in internal medicine; Residency program in vascular surgery - University of Rome La Sapienza, Italy
- From 2011 to oct 2015: Faculty of Medicine – Medical school: critical care and anesthesia – University of Turin, Italy
- From 2011 to oct 2015: PhD program – Functional genomics applied to translational research XXVI edition – University of Turin, Italy
- From 2008 to 2012: Master for critical care nurses – Neurocritical care/Statistical analysis – University of Turin, Italy
- From 2007 to 2011: PhD program – Functional genomics applied to translational research XXII edition – University of Turin, Italy
- From 2003 to 2011: Faculty of Dentistry – Dental school: emergency medicine for dental assistant - University of Turin, Italy
- From 2001 to 2011: Faculty of Medicine – Nurse school: critical care and anesthesia - University of Turin, Italy
- From 2004 to 2008: Master in palliative care: End of life care - University of Turin, Italy

Society memberships, Awards and Honours:

- From 2011 till now: Reviewer for grant proposal from Spanish Agency for Health
- From 2010 till now: Lead Guest Editor for Critical care Research and Practice
- From 2010 till now: Reviewer for Journal Critical Care Subject category: critical care medicine rank 15/23. Q3
- From 2009 to 2014: Steering Committee of the European society of intensive care medicine study of therapeutic hypothermia (32-35 °C): the Eurotherm3235 Trial ISRCTN34555414
- From 2009 to 2015: Section Editor for Minerva Anestesiologica Subject category: anesthesiology rank 9/26. Q2
- From 2009 till now: Reviewer for American Journal of Respiratory and Critical Care Medicine Subject category: critical care medicine rank 1/23. Q1
- From 2008 till now: Faculty member of F1000 Medicine
- From 2007 till now: Reviewer for Neurocritical Care Subject category: critical care medicine rank 12/23. Q2
- From 2005 till now: Member of Neuro Critical Care Society (NCCS)
- From 2002 till now: Reviewer for Critical Care Medicine Subject category: critical care medicine rank 2/23. Q1
- From 2001 till now: Reviewer for Intensive Care Medicine Subject category: critical care medicine rank 2/23. Q1

Istruzione e formazione

Date

- March 2004: Post-graduate studies – University of Aarhus, Denmark - Dept of Pharmacology (Use of wire myograph technology)
- From Sept 1998 to March 2001: Post-graduate studies – University of Toronto, Canada – Dept of Anesthesia, Neurosurgery and Vascular biology (Research Fellow PhD program)
- From 1997 to 2001: PhD – University of Turin, Italy and University of Toronto, Canada (Applied Physiology. Full marks)
- From Sept 1995 to Sept 1996: Post-graduate studies – University of Edinburgh, UK, Dept of Anesthesia (Clinical research fellow)
- From 1993 to 1996: Speciality – University of Bari, Italy (Full marks and honours)
- July 1992: University graduation – University of Bari, Italy (Full marks and honours)

Capacità e competenze personali

Madrelingua(e)

Italian

Altra(e) lingua(e)

English

Autovalutazione

Livello europeo (*)

English

Comprensione		Parlato		Scritto
Ascolto	Lettura	Interazione orale	Produzione orale	
C2	C2	C2	C2	C2

(*) [Quadro comune europeo di riferimento per le lingue](#)

Ulteriori informazioni

Funding information - Grants as PI-principal investigator or I-investigator (Year/title and function/Funding Agency/Grant value in €):

- PRIN 2023-2026 Timely diagnosis of brain death, prevention of organ dysfunction and reconditioning of harvested organs. A network for clinical and translational studies to optimize organ donation and transplantation process
- University of Bologna, Italy RFO 2020-2022
- PRIN 2017-2020 HYPERCAPNIC RESPIRATORY FAILURE: THE ROLE OF LUNG DIALYSIS TO CHANGE THE NATURAL HISTORY OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE ruolo: Partecipante al Programma di ricerca
- 2018-2015: meccanismi del vasospasmo cerebrale e trattamento con SIRNA/PI/Fondazione CRT/60.000
- 2011-2015: meccanismi del vasospasmo cerebrale e trattamento con SIRNA/PI/Fondazione CRT/60.000
- 2009-2011: ruolo dell'inflammation sistemica nella patogenesi del danno secondario successivo a trauma cranico/PI/Regione Piemonte/6.000
- 2008-2009: ruolo dell'endotelio polmonare nel danno secondario successivo a trauma cranico/PI/Regione Piemonte/8.000
- 2008-2010: miglioramento dell'outcome nel trapianto polmonare attraverso l'applicazione di una strategia ventilatoria protettiva/PI/Miur, PRIN/72.143
- 2008-2010: meccanismi del danno polmonare dopo trauma cranico: ruolo dell'inflammation/PI/Università degli Studi di Torino/7.226
- 2008-2009: assistenza polmonare extracorporea come bridge al trapianto di polmone/PI/Regione Piemonte/12.000
- 2007-2008: trattamento con SIRNA del vasospasmo cerebrale dopo emorragia sub aracnoidea/PI/Regione Piemonte/8.000
- 2007-2009: indice integrato di metabolismo anaerobio ed ipoperfusione come predittore dello sviluppo di vasospasmo/PI/Università degli Studi di Torino/6.592
- 2006-2008: meccanismi delle sequele neuropsicologiche nella sindrome da insufficienza respiratoria acuta/PI/Università degli Studi di Torino/4.641
- 2006-2009: ruolo delle endoteline e dell'ossido nitrico nella patogenesi del vasospasmo cerebrale dopo emorragia sub aracnoidea/PI/Regione Piemonte/80.000
- 2005-2006: strategia ventilatoria protettiva in potenziali donatori d'organo/PI/Regione Piemonte/18.000
- 2004-2006: ventilazione meccanica protettiva nel paziente neurologico ed in morte cerebrale/PI/Regione Piemonte/30.000
- 2004-2005: strategia ventilatoria protettiva nei potenziali donatori d'organo/PI/Università degli Studi di Torino/5.386
- 2004-2006: studio in vitro sul tono vascolare di arterie piali/PI/Università degli Studi di Torino/4.940
- 2003-2004: ripristino del ciclo sonno-veglia per prevenire disturbi della salute mentale nel paziente critico/PI/Regione Piemonte/13.492
- 2003-2005: ruolo delle endoteline e dell'ossido nitrico nella patogenesi del vasospasmo cerebrale/PI/Università degli Studi di Torino/4.652
- 2002-2004: strategia ventilatoria in pazienti con patologia cerebrale acuta ed insufficienza respiratoria/PI/Università degli Studi di Torino/4.715
- 2002-2005: brain monitoring with information technology (Brain IT)/I/European Community, FPV/50.000
- 2000-2001: brain monitoring with information technology (Brain IT)/I/European Community, FPV/50.000

Research Activities

Keywords: Traumatic brain injury, Subarachnoid hemorrhage, Endothelin 1, Cerebral vasospasm, Inflammation, Acute respiratory distress syndrome

Short Description: research interests and activities over the past 18 years covered applied physiology and translational research in the clinical fields of acute brain injury and acute respiratory failure. This research resulted in randomized clinical trials that potentially contribute to change the standard clinical practice.

We investigated:

- The role of the systemic inflammation on the secondary brain insults and the extra-cranial complications that worsen the outcome of patients with acute brain injury
- The role of ventilator-induced lung injury in the development of severe respiratory complications in patients with acute brain injury.

We developed a model of cerebral vasospasm after subarachnoid hemorrhage to study the role of endothelin 1 system and test SiRNA –based novel therapies.

We evaluated the accuracy of diagnostic tools for diagnosis and monitoring of cerebral vasospasm in patients with subarachnoid hemorrhage.

We performed clinical trials to test the efficacy of a novel ventilatory strategy to enhance organ availability for transplantation in brain death subjects.

We studied sleep disturbances in the critically ill patients and investigated the role of patient ventilator interaction.

We studied protective ventilatory strategies in patients with acute respiratory distress syndrome.

Allegati

Enumerare gli allegati al CV. (facoltativo, v. istruzioni)

IF TOTALE

310.497

CITAZIONI TOTALI

9422

**CITAZIONI MEDIE PER
ARTICOLO**

34.45

H-INDEX

46

**NORMALIZED H-INDEX
(corretto per età)**

1.095

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali". (facoltativo, v. istruzioni)

Firma