



I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at Dipartimento di Fisiopatologia Medico Chirurgica e dei Trapianti

Scientist- in - charge: Prof Ristagno Giuseppe

## Aurora Magliocca, MD, PhD

### CURRICULUM VITAE

#### PERSONAL INFORMATION

Surname	Magliocca
Name	Aurora
Date of birth	28/04/1987

#### PRESENT OCCUPATION

Appointment	Structure
Postdoctoral Fellow	Department of Pathophysiology and Transplantation, University of Milan, Italy

#### EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Medical Doctor	La Sapienza	2012
PhD	Molecular and Translational Medicine - DIMET	Milano-Bicocca	2021
Degree of medical specialization	Anesthesia, Critical Care and Pain Medicine	Milano-Bicocca	2018
Other	Postdoctoral Research Fellowship	Harvard Medical School	2016
Other	Advanced Perioperative Transesophageal Echocardiography examination	National Board of Echocardiography	2017



## REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
04/03/2013	Ordine dei Medici Chirurghi e degli Odontoiatri	Frosinone

## FOREIGN LANGUAGES

Languages	level of knowledge
English	C1

## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2021	Early Career Investigator Award, sponsored by the Council on Cardiopulmonary, Critical Care, Perioperative and Resuscitation (3CPR), Resuscitation Science Symposium 2021, American Heart Association, 12-14 November 2021
2021	Paul Dudley White International Scholar Award, Resuscitation Science Symposium 2021, American Heart Association, 12-14 November 2021
2019	Young Investigator Start-Up Grant European Society of Anesthesia (ESA). P.I. for the project: Improving Outcomes in Cardiac Arrest and Cardiopulmonary Resuscitation targeting Indoleamine 2,3- Dioxygenase. 22,500€
2018	Levi-Montalcini Biomedical Sciences Award from the European Society of Intensive Care Medicine (ESICM). P.I. for the project: Inhibition of Kynurenine Pathway after Cardiac Arrest and Cardiopulmonary Resuscitation: effects on outcome. 20,000€
2018	The Zoll Foundation Grant - supporting Resuscitation and Acute Critical Care Research. P.I. for the project: Impact of kynurenine pathway inhibition on survival and neurological outcome after cardiac arrest and cardiopulmonary resuscitation. 27,278\$
2017	3CPR Cournand and Comroe Young Investigator Award oral abstract competition at the Resuscitation Science Symposium, American Heart Association Scientific Session 2017, Anaheim, California.
2012	"Excellent Medical Degree" at Sapienza University in Rome. Award for the academic career during Medical School.

## TRAINING OR RESEARCH ACTIVITY

2015-2016: Research Fellowship. Activities during the research fellowship program in the laboratory of Prof. Fumito Ichinose: - Development and execution of complex experimental models of cardiac arrest and cardiopulmonary resuscitation in mice. Expertise acquired: microsurgical techniques for vascular catheterization, orotracheal intubation and tracheostomy, mechanical ventilation, and neurobehavioral tests performance. Basic and advanced hemodynamic assessment like invasive arterial pressure monitoring and cardiac pressure-volume loops. Specific skills in transthoracic echocardiography in mice, defined as the ability to perform a comprehensive evaluation of left and right ventricular function and to obtain advanced hemodynamic measurements. Other basic science laboratory techniques: basic cytology reading, western blotting, enzyme linked immunosorbent assay, and real-time quantitative polymerase chain reaction. -Leading role in a clinical research project regarding non-invasive hemodynamic monitoring techniques in adult patients undergoing orthotopic liver transplantation. Expertise acquired: writing a



institutional review board protocol, data acquisition, statistical analysis by using statistical softwares (i.e. Prism GraphPad, STATA and Microsoft Excel package), data interpretation and manuscript drafting.

2017-2021: Ph.D. Program in Translational and Molecular Medicine (DIMET) Milan-Bicocca University, Monza (Italy) and researcher at Mario Negri Institute for Pharmacological Research, Department of Cardiovascular Medicine, Milan (Italy). Leading role in preclinical studies (i.e. cardiac arrest and cardiopulmonary resuscitation in mice and pigs). P.I. for the project “Modulation of Kynurenine Pathway to Prevent Brain Injury after Cardiac Arrest”. Leading role in the project: LUCAS Versus Manual Chest Compression During Ambulance Transport: A Hemodynamic Study in a Porcine Model of Cardiac Arrest. Leading role in the translational project: Cardiopulmonary Resuscitation-Associated Lung Edema (CRALE) - A Translational Study. Collaborator in: 1) preclinical studies (i.e. protective effects of inhalation of Argon in traumatic brain injury in mice; and neuroprotective effects of Argon after cardiac arrest in pigs). 2) clinical studies (i.e. Cerebral Vein Thrombosis International Study, WARd-COVID, CPar trial).

2021-2023: Postdoctoral fellowship in the department of pathophysiology and transplantation, university of Milan. Leading role in preclinical studies (i.e. cardiac arrest and cardiopulmonary resuscitation in pigs). Leading role for the projects: “Cardiopulmonary Resuscitation-Associated Lung Edema: pathophysiological description”; “Identifying the presence of an acute myocardial infarction during ongoing cardiopulmonary resuscitation in a preclinical porcine model of cardiac arrest”. Clinical research activity: researcher in the randomized clinical trial “Cardiopulmonary Resuscitation with Argon” - CPar, phase I-II clinical trial (member of the steering committee, PI: Giuseppe Ristagno). Leading role for the projects: “Variability of Transthoracic Impedance: a New Chest Compression Quality Parameters Associated with Defibrillation Outcome in Out-of-Hospital Cardiac Arrest”; “Association between early variation in hemoglobin concentration after cardiac arrest and neurological outcome: a translational study”. Teaching activity: Lecturer for the Medical Doctor degree in the study course Medical and Surgical Emergency, University of Milano. Lecturer for the Residency program in Anesthesia, Resuscitation, Critical Care and Pain Medicine, University of Milano-Bicocca. Speaker activity: The 3rd Anecy Round Table on Cardio-Pulmonary Physiology and Resuscitation Outcomes. 27 and 28 April 2023, The Mérieux Foundation Les Pensières Center for Global Health, Anecy, France. PARQ-COST Meeting and training school. 15-18 May 2023, Palazzo Feltrinelli, Gargnano, Brescia, Italy. Faculty member and speaker during the European Resuscitation Council (ERC) Congress, 16-17 March 2022, Antwerp, Belgium. Faculty member and speaker during the European Resuscitation Council (ERC) virtual congress Guidelines 2021, March 25-26, 2021. Instructor of the course “Post-Resuscitation Care: gestione multidisciplinare del paziente rianimato da arresto cardiaco” ASST Monza, 07/06/2022, Monza.

Reporter for the PhD thesis “Identification and modeling of physiological signals to optimize cardiopulmonary resuscitation. Integration and evaluation of new indicators on a simulation system.” PhD candidate Arnaud Lesimple, ECOLE DOCTORALE N° 605, Biologie Santé, Spécialité: « Physiologie, Physiopathologie, Biologie Systémique Médicale» University of Angers, France.

## CONGRESSES AND SEMINARS

Date	Title	Place
27-28/04/2023	The 3rd Anecy Round Table on Cardio Pulmonary Physiology and Resuscitation Outcomes. The Mérieux Foundation Les Pensières Center for Global Health	Anecy, France
15-18/05/2023	PARQ-COST Meeting and training school. Palazzo Feltrinelli, Gargnano	Brescia, Italy
16-17/03 2022	European Resuscitation Council (ERC) Congress	Antwerp, Belgium
25-26/03/2021	European Resuscitation Council (ERC) virtual congress Guidelines 2021	virtual congress
14-16/11/2020	Resuscitation Science Symposium, American Heart Association	virtual congress
12/10/2020	Introduction to Grant Writing. University of Milano-Bicocca	Monza, Italy



28/09-2/10/2019	32nd Annual Congress European Society of Intensive Care Medicine ESICM	Berlin, Germany
13-14/05/2019	Women in sciences. University of Milano-Bicocca	Monza, Italy
01-03/06/2019	Euroanesthesia The European Society Anesthesiology Congress	Vienna, Austria
20-24/10/2018	31st Annual Congress European Society of Intensive Care Medicine ESICM	Paris, France
20-26/05/2018	SIAARTI Academy CREM Critical Emergency Medicine	Lampedusa, Italy
03-07/12/2018	ESICM fellowship program "Infections in ICU: Modern Management" University Hospital ATTIKON Department of Critical Care	Athens, Greece
21-22/11/2017	Managing Pneumonia in the ICU - State of Art 2017 - European Society of Intensive Care Medicine ESICM	Brussels, Belgium
04-07/04/2017	Introduction Medical Statistics. University of Milano-Bicocca	Monza, Italy
05/09/2016-23/11/2016	Fundamentals of Clinical and Traslational Research. Certification Harvard Catalyst. Harvard Clinical and Translational Science Center	Boston, MA, USA
01/03/2016-01/05/2016	Successful Grant Writing Strategies. Certification Harvard Catalyst. Harvard Clinical and Translational Science Center	Boston, MA, USA
12-13/05/2016	Challenges in Mechanical Ventilation and Airway Technologies Massachusetts General Hospital	Boston, MA, USA
12-13/05/2016	Clinical Electroencephalography for the Anesthesiologist. Massachusetts General Hospital	Boston, MA, USA
03/10/2016	AKI: are we in a paradigm shift away from creatinine? Cardio Renal Society of America	Boston, MA, USA
01/12/2014-01/03/2015	BLSD/PBLSD/PALSD/ACLS/Medical Maxi-Emergency. AAT 118 San Gerardo Hospital, Milan-Bicocca University	Monza, Italy
22-24/06/2017	ATLS student Course American College of Surgeons ATLS Italian Regional Faculty	Milan, Italy

## PUBLICATIONS

<b>Books</b>
<b>Magliocca A, Ristagno G.</b> Invasive and non invasive ventilation in patients with cardiac failure. G Bellani (ed) Mechanical Ventilation from Pathophysiology to Clinical Evidence. 2022. Chapter 19. Publisher: Springer Nature.
Dentali F, Magliocca A, Rezoagli E. Urgenze in emostasi e trombosi: Anemia ed emorragia acuta. Manuale di emergenze medico - chirurgiche, Milone-Di Minno Edition: 2019. Chapter: 8. Publisher: Edra - Masson

<b>Articles in reviews</b>
<b>Magliocca A, Perego C, Motta F, Merigo G, Micotti E, Olivari D, Fumagalli F, Lucchetti J, Gobbi M, Mandelli A, Furlan R, Skrifvars MB, Latini R, Bellani G, Ichinose F, Ristagno G.</b> Indoleamine 2,3-Dioxygenase Deletion



to Modulate Kynurenine Pathway and to Prevent Brain Injury After Cardiac Arrest in Mice. <i>Anesthesiology</i> . 2023 Jul 24.
Penna A, <b>Magliocca A</b> , Merigo G, Stirparo G, Silvestri I, Fumagalli F, Ristagno G. One-Year Review in Cardiac Arrest: The 2022 Randomized Controlled Trials. <i>J Clin Med</i> . 2023 Mar 14;12(6):2235
Ruggeri L, Fumagalli F, Bernasconi F, Semeraro F, Meessen JMTA, Blanda A, Migliari M, <b>Magliocca A</b> , Gordini G, Fumagalli R, Sechi G, Pesenti A, Skrifvars MB, Li Y, Latini R, Wik L, Ristagno G. Amplitude Spectrum Area of ventricular fibrillation to guide defibrillation: a small open-label, pseudo-randomized controlled multicenter trial. <i>EBioMedicine</i> . 2023 Mar 26;90:104544.
<b>Magliocca A</b> , Rezoagli E, Bellani G, Ristagno G. Reply to He et al. <i>Am J Respir Crit Care Med</i> . 2021 Sep 15;204(6):741-743. doi: 10.1164/rccm.202105-1187LE.
Ristagno G, <b>Magliocca A</b> , Sanfilippo F. Targeted Temperature Management after Cardiac Arrest. <i>N Engl J Med</i> . 2021 Sep 30;385(14):1341-1342. doi: 10.1056/NEJMc2112370. PMID: 34587396
Ruggeri L, Fumagalli F, Merigo G, <b>Magliocca A</b> , Ristagno G. Amplitude Spectrum Area Measured in Real-Time during Cardiopulmonary Resuscitation - How Does This Technology Work? <i>Resuscitation</i> . 2023 Aug 23:109941. doi: 10.1016/j.resuscitation.2023.109941. Epub ahead of print. PMID: 37625578.
Redaelli S, <b>Magliocca A</b> , Malhotra R, Ristagno G, Citerio G, Bellani G, Berra L, Rezoagli E. Nitric oxide: Clinical applications in critically ill patients. <i>Nitric Oxide</i> . 2022 Apr 1;121:20-33. doi: 10.1016/j.niox.2022.01.007.
Rezoagli E, <b>Magliocca A</b> , Grieco DL, Bellani G, Ristagno G. Impact of lung structure on airway opening index during mechanical versus manual chest compressions in a porcine model of cardiac arrest. <i>Respir Physiol Neurobiol</i> . 2022 Feb;296:103807. doi: 10.1016/j.resp.2021.103807
Miyazaki Y, Hayashida K, Ikeda K, Marutani E, <b>Magliocca A</b> , Nagashima F, Ikeda T, Tainsh RET, Buys ES, Ichinose F. Inhaled nitric oxide improves post-cardiac arrest outcomes via guanylate cyclase-1 in bone marrow-derived cells. <i>Nitric Oxide</i> . 2022 Jun 15:S1089-8603(22)00068-4. doi: 10.1016/j.niox.2022.06.005.
Signori D, <b>Magliocca A</b> , Hayashida K, Graw JA, Malhotra R, Bellani G, Berra L, Rezoagli E. Inhaled nitric oxide: role in the pathophysiology of cardio-cerebrovascular and respiratory diseases. <i>Intensive Care Med Exp</i> . 2022 Jun 27;10(1):28. doi: 10.1186/s40635-022-00455-6. PMID: 35754072.
Merigo G, Silvestri I, <b>Magliocca A</b> , Fumagalli F, Ristagno G. "De trop" meta-analyses and systematic reviews in cardiopulmonary resuscitation - A way to rapidly improve authors' citation index at a price of real science. <i>Resuscitation</i> . 2023 Jun;187:109799
Redaelli S, Pozzi M, Giani M, <b>Magliocca A</b> , Fumagalli R, Foti G, Berra L, Rezoagli E. Inhaled Nitric Oxide in Acute Respiratory Distress Syndrome Subsets: Rationale and Clinical Applications. <i>J Aerosol Med Pulm Drug Deliv</i> . 2023 Jun;36(3):112-126.
<b>Magliocca A</b> , Rezoagli E, Zani D, Manfredi M, De Giorgio D, Olivari D, Fumagalli F, Langer T, Avalli L, Grasselli G, Latini R, Pesenti A, Bellani G, Ristagno G. Cardiopulmonary Resuscitation-Associated Lung Edema (CRALE) - A Translational Study. <i>Am J Respir Crit Care Med</i> . 2021 Feb 15;203(4):447-457. doi: 10.1164/rccm.201912-2454OC.
<b>Magliocca A</b> , Olivari D, De Giorgio D, Zani D, Manfredi M, Boccardo A, Cucino A, Sala G, Babini G, Ruggeri L, Novelli D, Skrifvars MB, Hardig BM, Pravettoni D, Staszewsky L, Latini R, Belloli A, Ristagno G. LUCAS Versus Manual Chest Compression During Ambulance Transport: A Hemodynamic Study in a Porcine Model of Cardiac Arrest. <i>J Am Heart Assoc</i> . 2019 Jan 8;8(1):e011189. doi: 10.1161/JAHA.118.011189
<b>Magliocca A</b> , Omland T, Latini R. Dipeptidyl peptidase 3, a biomarker in cardiogenic shock and hopefully much more. <i>Eur J Heart Fail</i> . 2019 Dec 15. doi: 10.1002/ejhf.1649
<b>Magliocca A</b> , Manfredi M, Olivari D, De Giorgio D, Cucino A, Zani DD, Ristagno G. High quality chest compression: Don't be afraid of breaking ribs to gain a life! <i>Heart Lung</i> . 2019 Mar - Apr;48(2):173-174. doi: 10.1016/j.hrtlng.2018.12.004
<b>Magliocca A</b> , Rezoagli E, Anderson TA, Burns SM, Ichinose F, Chitilian HV. Cardiac output measurements based on the pulse wave transit time and thoracic impedance exhibit limited agreement with thermodilution method during orthotopic liver transplantation. <i>Anesth Analg</i> . 2018;126:85-92 PMID:28598912
Moro F, Fossi F, <b>Magliocca A</b> , Pascente R, Sammali E, Baldini F, Tolomeo D, Micotti E, Citerio G, Stocchetti N, Fumagalli F, Magnoni S, Latini R, Ristagno G, Zanier ER Efficacy of acute administration of inhaled argon



on traumatic brain injury in mice. *Br J Anaesth.* 2021 Jan;126(1):256-264. doi: 10.1016/j.bja.2020.08.027. Epub 2020 Sep 22.

Hayashida K, Bagchi A, Miyazaki Y, Hirai S, Seth D, Silverman MG, Rezoagli E, Marutani E, Mori N, **Magliocca A**, Liu X, Berra L, Hindle AG, Donnino MW, Malhotra R, Bradley MO, Stamler JS, Ichinose F. Improvement in Outcomes After Cardiac Arrest and Resuscitation by inhibition of S- Nitrosogluthione Reductase. *Circulation.* 2018 Oct 4. doi: 10.1161/CIRCULATIONAHA.117.032488

Fumagalli F, Olivari D, Boccardo A, De Giorgio D, Affatato R, Ceriani S, Bariselli S, Sala G, Cucino A, Zani D, Novelli D, Babini G, **Magliocca A**, Russo I, Staszewsky L, Salio M, Lucchetti J, Maisano M, Fiordaliso, F, Roberto Furlan, Gobbi M, Luini MV, Pravettoni D, Scanziani E, Belloli A, Latini R, Ristagno G. Ventilation with argon improves survival with good neurological recovery after prolonged untreated cardiac arrest in pigs. *J Am Heart Assoc.* 2020 Dec 15;9(24):e016494. doi: 10.1161/JAHA.120.016494. Epub 2020 Dec 8.

Bellani G, Grasselli G, Cecconi M, Antonini L, Borelli M, De Giacomo F, Bosio G, Latronico N, Filippini M, Gemma M, Giannotti C, Antonini B, Petrucci N, Zerbi SM, Maniglia P, Castelli GP, Marino G, Subert M, Citerio G, Radrizzani D, Mediani TS, Lorini FL, Russo FM, Faletti A, Beindorf A, Covello RD, Greco S, Bizzarri MM, Ristagno G, Mojoli F, Pradella A, Severgnini P, Da Macallè M, Albertin A, Ranieri VM, Rezoagli E, Vitale G, **Magliocca A**, Cappelleri G, Docci M, Aliberti S, Serra F, Rossi E, Valsecchi MG, Pesenti A, Foti G; COVID-19 Lombardy ICU Network. Noninvasive Ventilatory Support of COVID-19 Patients Outside the Intensive Care Units (WARd-COVID). *Ann Am Thorac Soc.* 2021 Jan 4. doi: 10.1513/AnnalsATS.202008-1080OC. Online ahead of print.

Rezoagli E, **Magliocca A**, Bellani G, Pesenti A, Grasselli G. Development of a Critical Care Response - Experiences from Italy during the Covid19 Pandemic. *Anesthesiology Clinics* (2021), in press. doi: <https://doi.org/10.1016/j.anclin.2021.02.003>.

Olivari D, De Giorgio D, Staszewsky LI, Fumagalli F, Boccardo A, Novelli D, Manfredi M, Babini G, Luciani A, Ruggeri L, **Magliocca A**, Zani DD, Masson S, Belloli A, Pravettoni D, Maiocchi G, Latini R, Ristagno G. Searching for Preclinical Models of Acute Decompensated Heart Failure: a Concise Narrative Overview and a Novel Swine Model. *Cardiovasc Drugs Ther.* 2020 Oct 24. doi: 10.1007/s10557-020-07096-5. Online ahead of print.

Porceddu E, Rezoagli E, Poli D, **Magliocca A**, Scoditti U, Di Minno MND, De Stefano V, Siragusa S, Ageno W, Dentali F; CEVETIS (CErebral VEin Thrombosis International Study) Investigators Sex-related characteristics of cerebral vein thrombosis: A secondary analysis of a multicenter international cohort study. *Thromb Res.* 2020 Dec;196:371-374. doi: 10.1016/j.thromres.2020.09.023. Epub 2020 Sep 17.

Rezoagli E, **Magliocca A**, Ristagno G, Bellani G. CO2 Oscillation during Cardiopulmonary Resuscitation: the Role of Respiratory System Compliance. *Am J Respir Crit Care Med.* 2019 Jan 25. doi: 10.1164/rccm.201812-2331LE

Kakinohana M, Marutani E, Tokuda K, Kida K, Kosugi S, Kasamatsu S, **Magliocca A**, Ikeda K, Kai S, Sakaguchi M, Hirai S, Xian M, Kaneki M, Ichinose F. Breathing hydrogen sulfide prevents delayed paraplegia in mice. *Free Radic Biol Med.* 2018 Dec 8;131:243-250. doi: 10.1016/j.freeradbiomed.2018.12.003.

Rezoagli E, **Magliocca A**, Catenacci SS, Bellani G, Fumagalli R. Identification of Biological Phenotypes in Acute Respiratory Distress Syndrome. From Biomarkers to Clinical Outcome. *Am J Respir Crit Care Med.* 2018 May 1;197(9):1209-1211 PMID 29406790

De Santis V, Vitale D, Santoro A, **Magliocca A**, Porto AG, Nencini C, Tritapepe L Ivabradine: potential clinical applications in critically ill patients. *Clin Res Cardiol.* 2013 Mar;102(3):171-8. PMID:23064879

Congress proceedings

**Aurora Magliocca**, Valentina Castagna, Francesca Fumagalli, Davide Olivari, Daria De Giorgio, Giuseppe Ristagno. Effects of no-flow time on the pathophysiology of Cardiopulmonary resuscitation-associated lung edema (CRALE) in a porcine model of cardiac arrest. *Resuscitation* Vol. 175 Supplement S24-S25 Published in issue: June, 2022



**Aurora Magliocca**, Perego C, Motta F, Merigo G, Fumagalli F, Micotti E, Latini R, Ristagno G. Modulation of Kynurenine Pathway to Prevent Brain Injury After Cardiac Arrest and Cardiopulmonary Resuscitation in Mice. 16 Dec 2021, *Circulation*. 2021;144:A14258

Davide Olivari, Daria De Giorgio, Francesca Fumagalli, **Aurora Magliocca**, Laura Ruggeri, Giuseppe Ristagno. Preclinical feasibility of real time AMSA measurement during CPR using a modified clinical defibrillator. *Resuscitation* Vol. 175 Supplement S2-S3 Published in issue: June, 2022

Nishioka N, Kiguchi T, Yuto Makino, Fumagalli F, **Magliocca A**, Ristagno G, Taku Iwami Volume And Direction Of Carotid Blood Flow During Cardiopulmonary Resuscitation In A Porcine Model Of Ventricular Fibrillation. 30 Oct 2022, *Circulation*. 2022;146:A231

**A. Magliocca**, E. Rezoagli, G. Bellani, G. Ristagno. CO2 oscillation during Cardiopulmonary Resuscitation: mechanical versus manual chest compression in a porcine model of cardiac arrest. *Intensive Care Medicine Experimental* 2019, 7(Suppl 3):001610

F. Fossi, F. Moro, **A. Magliocca**, E. Micotti, G. Citerio, N. Stocchetti, R. Latini, G. Ristagno, E. Zanier. Inhaled Argon improves neurological outcome in experimental traumatic brain injury. *Intensive Care Medicine Experimental* 2019, 7(Suppl 3):001119

Olivari D, De Giorgio D, Novelli D, **Magliocca A**, Ruggeri L, Ristagno G. Hemodynamically-Guided Optimum Chest Compression Point in a Rat Model of Cardiopulmonary Resuscitation. *Circulation*. 2018;138:A262

Hayashida K, Ikeda K, Marutani E, **Magliocca A**, Mori N, Tainsh RET, Johansson KB, Rhee DK, Buys ES, F. Ichinose. Soluble Guanylate Cyclase- $\alpha$ 1 in Bone Marrow Derived Cells is Required for Inhaled Nitric Oxide to Improve Outcomes After Cardiac Arrest and Cardiopulmonary Resuscitation in Mice. *Circulation*. 2017;136:A18149

#### OTHER INFORMATION

Reviewer for peer-reviewed journals:  
Resuscitation, Resuscitation plus, BMC Anesthesiology, Scientific report, Journal of Clinical Medicine, Plos one, Physiological Measurement. Section editor for the Emergency Medicine section, Medicine and Science journal.

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Place and date: Milano, 03/09/2023

SIGNATURE