

## CURRICULUM VITAE (Version Oct. 8, 2024)

### Basic Information

**First Name:** Pasquale

**Last Name:** Longobardi

**Email:**

**Personal Websites\*:**

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### Photo

### Current Primary Affiliation/Institution\*

**Department/  
Division:** Centro iperbarico (Hyperbaric Center)  
Ravenna

**University/  
Institution:** Scuola Superiore Sant'Anna, Pisa  
(Sant'Anna School of Advanced Studies)

**City:** Ravenna

**Country/Region:** Italy

## Highest Degree & Job Title

<b>Highest Degree*:</b>	Medical Degree (M.D.)
<b>Job Title*:</b>	Adjunct Professor

## Research Fields

Hyperbaric oxygenation; diving medicine; underwater medicine; tunneling; wound care; health management.

## Online Profiles

<b>ORCID:</b>	<a href="https://orcid.org/0000-0002-2383-7431">https://orcid.org/0000-0002-2383-7431</a>
<b>ResearchGate:</b>	<a href="https://www.researchgate.net/profile/Pasquale-Longobardi-2">https://www.researchgate.net/profile/Pasquale-Longobardi-2</a>
<b>Google Scholar:</b>	<a href="https://scholar.google.com/citations?hl=it&amp;user=GbSZAYcAAAAJ">https://scholar.google.com/citations?hl=it&amp;user=GbSZAYcAAAAJ</a>
<b>Publons:</b>	<a href="https://www.webofscience.com/wos/author/record/AAF-9183-2020">https://www.webofscience.com/wos/author/record/AAF-9183-2020</a>
<b>SSRN:</b>	
<b>Academia:</b>	<a href="https://sssup.academia.edu/PasqualeLongobardi">https://sssup.academia.edu/PasqualeLongobardi</a>

## Education

Medical degree, University of Naples (1986). Specialist in hyperbaric and underwater medicine, University of Chieti (1989). Master in Healthcare Management at SDA Bocconi (1997). Master in Compression therapy and Tissue Repair Methods at University of Ferrara (1985). Master in Marketing and Communication at Sole 24 Ore Business School (2009).

## Work Experiences

Researcher at the Underwater and Hyperbaric Research Institute in Naples (1982-1989). Medical Director of the Hyperbaric Centre in Ravenna. Member of the European Committee of Hyperbaric Medicine (ECHM). Italian representative on the EU Management Committee for Hyperbaric Oxygen Therapy (1999-2004). Professor at the University of Chieti (1998-2006). Affiliated researcher and adjunct professor at the University Master's in Underwater and Hyperbaric Medicine, Scuola Superiore Sant'Anna, Pisa (Sant'Anna School of Advanced Studies, since 2006). External consultant for the World Union of Wound Healing Societies (2016-2020). Vice-President of Italian Underwater and Hyperbaric Medical Society (SIMSI). Former President (2016-2020). President of the Mistral Foundation. Diving affiliations: EDTC Board Member and Italian Medical Representative. Diving

Medical Advisory Committee (DMAC) member. IMCA member of the SMTT Forum. President of the Italian Diving Contractors Association (AISI) Scientific Committee. In 2017, the AISI gave him the San Paolo Award for his work in health, safety and diving. As of 2024, he is a Diving Medical Advisor for the following companies: CNS International, DeepWater SA, Marine Consulting Diving Contractor, Micoperi Ltd, Nautilus Diving Contractors, RANA Diving Ltd

### **Publications (Ten articles chosen by citation and publication date).**

1. De Santis I, Zanoni M, Pignatta S, Longobardi P, Tesei A, Bevilacqua A. Pro-inflammatory RNA:DNA Hybrids Are p53 Independently Boosted by Hyperbaric Oxygen: a Subcellular Distribution Analysis by Automated Quantitative Imaging. *Mol Imaging Biol.* 2023 Jun;25(3):504-512. doi: 10.1007/s11307-022-01778-2. Epub 2022 Oct 19. PMID: 36261778; PMCID: PMC10172224.
2. Arpa D, Parisi E, Ghigi G, Cortesi A, Longobardi P, Cenni P, Pieri M, Tontini L, Neri E, Micheletti S, Ghetti F, Monti M, Foca F, Tesei A, Arienti C, Sarnelli A, Martinelli G, Romeo A. Role of Hyperbaric Oxygenation Plus Hypofractionated Stereotactic Radiotherapy in Recurrent High-Grade Glioma. *Front Oncol.* 2021 Mar 30;11:643469. doi: 10.3389/fonc.2021.643469. PMID: 33859944; PMCID: PMC8042328.
3. Arienti C, Pignatta S, Zanoni M, Zamagni A, Cortesi M, Sarnelli A, Romeo A, Arpa D, Longobardi P, Bartolini D, Tosatto L, Naldini A, Tesei A. High-pressure oxygen rewires glucose metabolism of patient-derived glioblastoma cells and fuels inflammasome response. *Cancer Lett.* 2021 May 28;506:152-166. doi: 10.1016/j.canlet.2021.02.019. Epub 2021 Feb 27. PMID: 33652086.
4. Longobardi, Pasquale; Hoxha, Klarida; Perreca, Fabiana. Is Hyperbaric Oxygen an Effective Treatment for the Prevention of Complications in SARS-CoV-2 Asymptomatic Patients?. *Infectious Microbes & Diseases* 3(2):p 109-111, June 2021. | DOI: 10.1097/IM9.0000000000000064
5. Baiula M, Greco R, Ferrazzano L, Caligiana A, Hoxha K, Bandini D, Longobardi P, Spampinato S, Tolomelli A. Integrin-mediated adhesive properties of neutrophils are reduced by hyperbaric oxygen therapy in patients with chronic non-healing wound. *PLoS One.* 2020 Aug 18;15(8):e0237746. doi: 10.1371/journal.pone.0237746. PMID: 32810144; PMCID: PMC7433869.
6. Longobardi P, Hartwig V, Santarella L, Hoxha K, Campos J, Laurino M, Salvo P, Trivella MG, Coceani F, Rocco M, L'Abbate A. Potential markers of healing from near infrared spectroscopy imaging of venous leg ulcer. A randomized controlled clinical trial comparing conventional with hyperbaric oxygen treatment. *Wound Repair Regen.* 2020 Nov;28(6):856-866. doi: 10.1111/wrr.12853. Epub 2020 Aug 24. PMID: 32789935.
7. Longobardi P, Hoxha K, Bennett MH. Is there a role for hyperbaric oxygen therapy in the treatment of refractory wounds of rare etiology? *Diving Hyperb Med.* 2019 Sep 30;49(3):216-224. doi: 10.28920/dhm49.3.216-224. PMID: 31523797; PMCID: PMC6884104.
8. Ravaioli M, Baldassare M, Vasuri F, Pasquinelli G, Laggetta M, Valente S, De Pace V, Neri F, Siniscalchi A, Zanfi C, Bertuzzo VR, Caraceni P, Trerè D, Longobardi P, Pinna AD. Strategies to Restore Adenosine Triphosphate (ATP) Level After More than 20 Hours of Cold Ischemia Time in Human Marginal Kidney Grafts. *Ann Transplant.* 2018 Jan 12;23:34-44. doi: 10.12659/aot.905406. PMID: 29326416; PMCID: PMC6248038.
9. Huang E, Shah J, Pestell D, Kot J, Mathieu D, Smart D, Longobardi P, Sahni T, Rech FV, Löndahl M, Kawashima M, Weir G. An open letter to the American Diabetes Association board of directors: Special commentary. *Undersea Hyperb Med.* 2017 Sept-Oct;44(5):373-376. PMID: 29116690.
10. Scalise A, Campitiello F, Della Corte A, Longobardi P, Di Salvo M, Tartaglione C, Santin C, Giordan N, Guarnera G. Enzymatic debridement: is HA-collagenase the right synergy? Randomized double-blind controlled clinical trial in venous leg ulcers. *Eur Rev Med Pharmacol Sci.* 2017 Mar;21(6):1421-1431. PMID: 28387882.