

<i>Name</i>	Marcello Trucas MD, Path, PhD
<i>Nationality</i>	Italian
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<i>Position</i>	Lecturer of Human Anatomy, University of Cagliari
PROFILE <i>Brief description</i>	<p>Lecturer of Human Anatomy (Tenure Track Researcher) at the University of Cagliari, with teaching positions at the Faculty of Medicine and Surgery for international students. Adjunct Assistant Professor in Anatomy at Trinity College Dublin, School of Medicine; Specialist in Clinical Pathology with a PhD in Experimental and Clinical Hepato-gastroenterology (Curriculum in Experimental and Clinical Hepatology, SSD Human Anatomy BIOS-12/A).</p> <p>Dr Trucas' research focuses on multi-organ morphological and morphometric modifications in chronic inflammatory conditions through immunohistochemistry, cell culture, electron microscopy, and molecular biology techniques. Interested in neuro-vascular interaction, he has recently focused on studies concerning the use of human donor tissues and primary cultures useful for research on ageing, chronic pathologies, and degenerative diseases.</p> <p>Other main interests concern the application of Artificial Intelligence in Anatomy, Anatomical Dissection, and the History of Medicine.</p>
ACADEMICAL ACTIVITY	
<i>(1 Oct 2025 → To date)</i>	RTT Researcher (Assistant Professor), SSD BIOS-12/A - Human Anatomy, University of Cagliari
<i>(1 March 2025 → To date)</i>	Adjunct Assistant Professor in Anatomy at Trinity College Dublin, School of Medicine
<i>(5 March 2025 → 30 Sept 2025)</i>	Adjunct Lecturer in Anatomy at the University of Cagliari, Faculty of Medicine and Surgery
<i>(1 March 2022 → 28 Feb 2025)</i>	Assistant Professor RTDA (Lecturer) in Human Anatomy, University of Cagliari
<i>(June 2023 → July 2024)</i>	Visiting Scientist at the Department of Anatomy and Regenerative Medicine, RCSI, Dublin , with a project (Partially funded by the Young Researchers Mobility Program of the Autonomous Region of Sardinia (Italy): <i>Remapping the neuro-immunity: a clinical neuroanatomy study.</i>
<i>(28 June 2023 → 7 July 2024)</i>	Supervisor and prosector in the anatomical dissection session on back, spinal cord, brain, chest, and abdomen , Department of Anatomy and Regenerative Medicine of the Royal College of Surgeons in Ireland in Dublin
<i>(1 Dec 2023 – July 2024)</i>	Supervisor, Demonstrator and Prosector in the Dissecting Theatre at Trinity College Dublin, School of Medicine
<i>(13-16 Feb 2023)</i>	Demonstrator of Cadaveric Anatomy and Dissection exercises for medical students of the Faculty of Medicine and Surgery – Universities of Cagliari and Sassari (Italy)
<i>(17 Sept 2021- Feb 2022)</i>	Adjunct Lecturer of Human Anatomy, University of Cagliari
<i>(12 Jan 2022- 28 Feb 2022)</i>	Demonstrator of Human Anatomy for medical students of the Faculty of Medicine and Surgery – University of Sassari
<i>(Oct-Nov 2021)</i>	Demonstrator of Human Anatomy for exercises on cadavers, medical students of the Faculty of Medicine and Surgery – University of Sassari
<i>(19 Nov 2020-17 Jun 2021)</i>	Demonstrator of Microscopic Anatomy for medical students of the Faculty of Medicine and Surgery – University of Cagliari
<i>(2021-2022)</i>	Reviewer of the Clinical Exams Guide for Italian Foundation for Cancer Research (AIRC)
CLINICAL ACTIVITY	
<i>(Sept 2018-March 2019 and Aug 2020- Feb 2022; March 2025 → To date)</i>	Outpatient clinic of haemostasis and thrombosis - National Health System
<i>(Oct 2020-Jan 2021)</i>	Teacher of Oral Anticoagulant Therapies (52 hours) for the Italian Healthcare System
<i>(May 2019-Aug 2020)</i>	Clinical Pathologist, Oral anticoagulant therapy, outpatient clinic and Lab. Chemical-Clinical and Microbiological Analysis – Giuseppe Brotzu Hospital of Cagliari
<i>(March 2019- May 2019)</i>	Transfusionist, Clinical Pathologist, Oral anticoagulant therapy outpatient clinic and Transfusional Medicine – Antonio Segni Hospital of Ozieri, ATS Sardegna - National Health System
<i>(Aug 2013- Jul 2014)</i>	Research experience, clinical-morphological and morphometric data collection on heart, arteries, retina, liver, spleen, blood - National Research Council (CNR) - IRGB Institute of Cagliari – ProgeNIA Project (with National Institute on Aging - USA)
<i>(Apr 2012- March 2019)</i>	General Practitioner (non-tenured) - ASL Cagliari and Lanusei - National Health System

(28 Jun 2012 – 24 Jun 2013)	Surgical and research activities during the Resident program. on Otolaryngology
EDUCATION	
(2018-2021)	Ph.D. in Experimental and Clinical Hepato-Gastroenterology (Morphology oriented) Grade: maximum score - Excellent cum laude, Sapienza University of Rome.
(2013-2018)	Medical Specialization in Clinical Pathology at the University of Sassari (Italy) (5 years) Grade: maximum score - 50/50 cum laude.
(2005-2011)	Degree in medicine and surgery at the University of Cagliari (Italy) (6 years), Grade: maximum score - 110/110 cum laude.
FURTHER RELEVANT INFORMATION	I am a Member of the Anatomical Society (UK and Ireland) and the Italian Society of Anatomy, and an active member of the European Federation for Experimental Morphology Social Media Committee in organising various international events for young anatomists. I am a member of the Medical Council of Cagliari
LANGUAGES	English (Level C1)
	German (Level A1)
	Italian (native language)
PUBLICATIONS <i>Most recent Peer-reviewed articles</i>	
	Trucas, M., Gobbi, P., Burattini, S., Taurone, S., & Artico, M. (2025). Angelo Ruffini: neuroanatomist of embryos and receptors. <i>The Lancet. Neurology</i> , 24(10), 813. https://doi.org/10.1016/S1474-4422(25)00325-4
	Trucas, M., Vincis, M., Intini, C., Johnston, D., Diana A., Barry, D. The potential translational utility of embalmed cadaveric gastrointestinal tract specimens: a proof-of-concept study. <i>Translational Research in Anatomy</i> 2025, 39, 100404, https://doi.org/10.1016/j.tria.2025.100404
	Dolciotti, C., Righi, M., Grecu, E., Trucas, M., Maxia, C., Murtas, D. and Diana, A. The translational power of Alzheimer's-based organoid models in personalized medicine: an integrated biological and digital approach embodying patient clinical history. <i>Front. Cell. Neurosci</i> 2025, 19:1553642, https://doi.org/10.3389/fncel.2025.1553642
	Trucas, M., Dervan, A., Quondamatteo, F. Are spinal cord and medulla samples from embalmed donors suitable for histological examination? A pilot study. <i>Journal of Anatomy</i> 2024, 00:1–11. http://doi.org/10.1111/joa.14188
	Vincis, M., Lewis, C., Barry, D., Trucas, M. Multiple rare abdominal aortic branch variations in the case of a centenarian woman. Case report and review of the literature. <i>Translational Research in Anatomy</i> 2024, 38, 100366. https://doi.org/10.1016/j.tria.2024.100366
	Boi, M., Demontis, R., Isola, M., Isola, R., Loy, F., Serra, M. P., Trucas, M., Ekström, J., & Quartu, M. The human major sublingual gland and its neuropeptidergic and nitrenergic innervations. <i>Annals of anatomy = Anatomischer Anzeiger: official organ of the Anatomische Gesellschaft</i> 2024, 255, 152291. https://doi.org/10.1016/j.aanat.2024.152291
	Trucas M, Burattini S, Porcu S, Simbula M, Ristaldi MS, Kowalik MA, Serra MP, Gobbi P, Battistelli M, Perra A, Quartu M. Multi-Organ Morphological Findings in a Humanized Murine Model of Sickle Cell Trait. <i>Int J Mol Sci.</i> 2023, Jun 21;24(13):10452. https://doi.org/10.3390/ijms241310452
	Trucas M, Kowalik MA, Boi M, Serra MP, Perra A, Quartu M. The density of hepatic autonomic innervation differs between compensatory and direct hyperplasia rat models. <i>J Peripher Nerv Syst.</i> 2023 Mar;28(1):98-107. https://doi.org/10.1111/jns.12521
<i>Books</i>	Trucas M, Quartu M, Riva A. <i>Anatomia Clavis et Clavus Medicinæ – Storia dell'Anatomia nell'Università di Cagliari.</i> UNICApres/Ricerca Dicembre (2020), ISBN 978-88-3312-026-3.
	Trucas M. Di Vaiolo ed altro. Bendo Edizioni, Sanluri 2017 EAN: 9788894301700.
<i>Conferences</i>	I have participated with my abstracts in about 35 national and international congresses.
	<i>In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorise you to use and process my personal details contained in this document.</i>