

Lorenzo Cobianchi

MD, Ph.D.

Associate Professor in Surgery
University of Pavia, Pavia, Italy



ACADEMIC AND PROFESSIONAL RESUME OF LORENZO COBIANCHI

Personal information

Address Chirurgia Generale 1 IRCCS Fondazione Policlinico San Matteo
P.le Golgi n°1, 27100 Pavia – Italy.

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Citizenship Italian

Date and place of birth Castel San Giovanni (PC), Italy, June 1st, 1976

Research interests

Tissue and organ regeneration	Bioscaffold	Pancreatic Surgery	Mini invasive surgery
Surgical oncology	AI and Robotics	Academic medicine	Co-production in Surgery
Emergency Surgery	Soft skills in Surgery	Education in Surgery	

Academic and Professional Affiliation



Since Dec. 2019 – Associate Professor in Surgery, Department of Clinical, Diagnostic and Pediatric Sciences. University of Pavia, Italy

Dec. 2011 – Dec. 2019 – Assistant Professor in Surgery, Department of Clinical, Diagnostic and Pediatric Sciences. University of Pavia, Italy



Since Nov. 2008 – Attending Surgeon at IRCCS Fondazione Policlinico San Matteo, Pavia, Italy

Education

University of Pavia Medical School, Italy



Medical Degree (MD): July 2001, Final Mark 110/110 *magna cum laude* (highest average)

Certifications and licensure: May 2002, Italian National Board of Medicine and Surgery.

2003 ESOT Certification in Solid Organ Transplantation, after attending the ESOT Official Course in Cambridge (UK) and Paris (France).

Residency: October 2007, General Surgery

PhD: October 2010 PhD in Microsurgery and experimental surgery

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International Academic Experience



INSTITUT DE CHIRURGIE
GUIDÉE PAR L'IMAGE
Hospitalo-Universitaire

Invited Visiting Professor February, 2020 – IHU Institut de Chirurgie Guidée par l'Image, Strasbourg, France

UNIVERSITY OF MIAMI
MILLER SCHOOL
of MEDICINE



Post Doctoral Fellow 2005-2007 - the University of Miami "Leonard Miller" School of Medicine Department of Surgery (Diabetes Research Institute), Miami, FL, USA

Research Awards and Editorial Boards

UNIVERSITY OF MIAMI
MILLER SCHOOL
of MEDICINE



2006 "Award of excellence for outstanding fellowship" Miller School of Medicine. University of Miami, FL.



2020-2022 Guest editor in chief
Scaffold Technology, Tissue and Organ Engineering. New Horizons in Surgery.
New Frontiers for Artificial Intelligence in Surgical Decision Making and its organizational impacts

Technovation

Digital transformation in Healthcare and Surgery

Selected publications

Cobianchi L, Dal Mas F, Massaro M, Biffi W, Catena F, Coccolini F, Dionigi B, Dionigi P, Di Saverio S, Fugazzola P, Kluger Y, Leppäniemi A, Moore EE, Sartelli M, Velmahos G, Woltz S, Angelos P, Ansaloni L; Team Dynamics Study Group. Diversity and ethics in trauma and acute care surgery teams: results from an international survey. *World J Emerg Surg.* 2022 Aug 10;17(1):44.

Cobianchi L, Verde JM, Loftus TJ, Piccolo D, Dal Mas F, Mascagni P, Garcia Vazquez A, Ansaloni L, Marseglia GR, Massaro M, Gallix B, Padoy N, Peter A, Kaafarani HM. Artificial Intelligence and Surgery: Ethical Dilemmas and Open Issues. *J Am Coll Surg.* 2022 Aug 1;235(2):268-275.

Cobianchi L, Dal Mas F, Ansaloni L. Editorial: New Frontiers for Artificial Intelligence in Surgical Decision Making and its Organizational Impacts. *Front Surg.* 2022 Jun 21;9:933673.

Cobianchi L, Peloso A. Editorial: Scaffold Technology, Tissue and Organ Engineering: New Horizons in Surgery. *Front Surg.* 2022 May 18;9:914080.

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Stahel PF, **Cobianchi L**, Dal Mas F, Paterson-Brown S, Sakakushev BE, Nguyen C, Fraga GP, Yule S, Damaskos D, Healey AJ, Biffi W, Ansaloni L, Catena F. The role of teamwork and non-technical skills for improving emergency surgical outcomes: an international perspective. *Patient Saf Surg*. 2022 Feb 8;16(1):8.

Cobianchi L, Dal Mas F. New Perspectives for Pancreatic Cancer Treatment. Will We Be Able to Ensure Equity to Care? *Surg Innov*. 2022 Jun;29(3):313-314.

Cobianchi L, Dal Mas F, Massaro M, Fugazzola P, Coccolini F, Kluger Y, Leppäniemi A, Moore EE, Sartelli M, Angelos P, Catena F, Ansaloni L; Team Dynamics Study Group. Team dynamics in emergency surgery teams: results from a first international survey. *World J Emerg Surg*. 2021 Sep 16;16(1):47. doi: 10.1186/s13017-021-00389-6. Erratum in: *World J Emerg Surg*. 2021 Nov 1;16(1):55.

Cobianchi L, Dal Mas F, Massaro M, Bednarova R, Biancuzzi H, Filisetti C, Barcellini A, Orlandi E, Miceli L, Angelos P. Hand in hand: A multistakeholder approach for co-production of surgical care. *Am J Surg*. 2021 Aug 7:S0002-9610(21)00459-1. doi: 10.1016/j.amjsurg.2021.07.053..

Cobianchi L, Dal Mas F, Angelos P. One Size does not Fit all – Translating Knowledge to Bridge the Gaps to Diversity and Inclusion of Surgical Teams. *Ann Surg*. 2021 Feb 273(2):e34-e36.

Coccolini F, Cicuttin E, **Cobianchi L**, Pietrabissa A, Sartelli M, Catena F, Chiarugi M. Comment on: Abdominal fluid samples (negative for SARS-CoV-2) from a critically unwell patient with respiratory COVID-19. *Br J Surg*. 2020 Sep

Cobianchi L, Moeckli B, Croce S. Commentary: Insulin-Producing Organoids Engineered From Islet and Amniotic Epithelial Cells to Treat Diabetes. *Front Endocrinol (Lausanne)*. 2020 Oct 6;11:546114.

Cobianchi L, Dal Mas F, Peloso A, Pugliese L, Massaro M, Bagnoli C, Angelos P. Planning the Full Recovery Phase. An Antifragile Perspective on Surgery after COVID-19, *Ann Surg*. 2020, Dec 272(6):e296-e299

Cobianchi L, Pugliese L, Peloso A, Dal Mas F, Angelos P. To a New Normal: Surgery and COVID-19 During the Transition Phase. *Ann Surg*. 2020 Aug;272(2):e49-e51.

Pisani S, Croce S, Chiesa E, Dorati R, Lenta E, Genta I, Bruni G, Mauramati S, Benazzo A, **Cobianchi L**, Morbini P, Caliozna L, Benazzo M, Avanzini MA, Conti B. Tissue Engineered Esophageal Patch by Mesenchymal Stromal Cells: Optimization of Electrospun Patch Engineering. *Int J Mol Sci*. 2020 Mar 4;21(5):1764. doi:

Croce S, Peloso A, Zoro T, Avanzini MA, **Cobianchi L**. A Hepatic Scaffold from Decellularized Liver Tissue: Food for Thought. *Biomolecules*. 2019 Dec 2;9(12):813.

Vitolo V, **Cobianchi L**, Brugnattelli S, Barcellini A, Peloso A, Facoetti A, Vanoli A, Delfanti S, Preda L, Molinelli S, Klersy C, Fossati P, Orecchia R, Valvo F. Preoperative chemotherapy and carbon ions therapy for treatment of resectable and borderline resectable pancreatic adenocarcinoma: a prospective, phase II, multicentre, single-arm study. *BMC Cancer*. 2019 Sep 14;19(1):922.

Peloso A, Citro A, Zoro T, **Cobianchi L**, Kahler-Quesada A, Bianchi CM, Andres A, Berishvili E, Piemonti L, Berney T, Toso C, Oldani G. Regenerative Medicine and Diabetes: Targeting the Extracellular Matrix Beyond the Stem Cell Approach and Encapsulation Technology. *Front Endocrinol (Lausanne)*. 2018 Aug 31;9:445.

Peloso A, Citro A, Corradetti V, Brambilla S, Oldani G, Calabrese F, Dominioni T, Maestri M, **Cobianchi L**. In-Lab Manufacturing of Decellularized Rat Renal Scaffold for Kidney Bioengineering. *Methods Mol Biol*. 2018;1577:103-110.

Cobianchi L, Fossati P, Peloso A, Brugnattelli S, Vanoli A, Valvo F, Orecchia R, Dionigi P. Carbon ion radiotherapy and completion pancreatectomy. A feasible model to explore a new integrated approach? *Pancreatol*. 2017 Jan-Feb;17(1):19-21.

Full list of publications

<https://pubmed.ncbi.nlm.nih.gov/?term=cobianchi+l>

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<https://www.researchgate.net/profile/Lorenzo-Cobianchi>

Declarations (Italian only)

Il Sottoscritto Lorenzo Cobianchi, ai sensi degli art. 46 e 47 del DPR n. 445/2000 e s.m.i., consapevole delle sanzioni penali previste dall'art. 76 del DPR n. 445/2000 e s.m.i. per le ipotesi di falsità in atti e dichiarazioni mendaci, dichiara sotto la propria responsabilità che il proprio CV risponde al vero.

Il sottoscritto dichiara di essere pertanto informato che i dati personali forniti saranno trattati – anche con strumenti informatici – in conformità a quanto previsto dal Regolamento UE n. 679/2016 “Regolamento Generale sulla protezione dei Dati” (GDPR) e dal D.Lgs. n. 196/2003 e s.m.i. “Codice in materia di protezione dei dati personali”

Pavia, Nov 4th, 2022

