

Lorenzo Cobianchi, M. D., Ph. D.
Curriculum Vitae

Biographical

Date of birth: 1976

Place of birth: Italy

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Business Address: Chirurgia Generale I IRCCS Fondazione Policlinico San Matteo, Pavia

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Professional education and training

High School Degree: 1996, Scientific Liceum

Graduation: July 21, 2001 University of Pavia Medical School, final mark 110/110 with honours (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: 2007, October, in General Surgery, University of Pavia, Department of Surgery

Post Doctoral Fellowship 2005-2007 at the University of Miami “Leonard Miller” School of Medicine Department of Surgery (Diabetes Research Institute), Miami, FL, USA

PhD: 2010, October, in “Microsurgery and experimental surgery” at The University of Pavia

Professional position: from November 2008 to December 2011 attending Surgeon at IRCCS Fondazione Policlinico San Matteo (Pavia) Italy

Current position: from December 2011 Assistant Professor of Surgery at University of Pavia (Italy) and Attending Surgeon at IRCCS Fondazione Policlinico San Matteo (Pavia) Italy.

Awards and Honors: 2006 “Award of excellence for outstanding fellowship” Miller School of Medicine. University of Miami, FL.

Research and clinical activity: 2001 – present, research activity at The Experimental Surgery Laboratory, Department of Surgery - University of Pavia, carrying out research in new immunosuppressive protocol in allogenic swine kidney and small bowel transplants; cellular transplantation and pancreatic islets transplantation.

Clinical activity in minimally invasive surgery, robotic surgery and pancreatic surgery.

Publications (manuscripts published on peer reviewed journals):

Hogan AR, Doni M, Molano RD, Ribeiro MM, Szeto A, **Cobianchi L**, Zahr-Akrawi E, Molina J, Fornoni A, Mendez AJ, Ricordi C, Pastori RL, Pileggi A. *Beneficial Effects of Ischemic Preconditioning on Pancreas Cold Preservation*. Cell Transplant. 2012 Feb 2.

Botrugno I, Jemos V, **Cobianchi L**, Fiandrino G, Brugnattelli S, Perfetti V, Vercelli A, Maestri M, Dionigi P. *A metachronous splenic metastases from esophageal cancer: a case report*. World J Surg Oncol. 2011 Sep 16;9:105.

Botrugno I, Lovisetto F, **Cobianchi L**, Zonta S, Klersy C, Vailati A, Dionigi P, Jemos V. *Incidental carcinoma in multinodular goiter: risk factors*. Am Surg. 2011

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Isolation and ex vivo expansion of bone marrow-derived porcine mesenchymal stromal cells: potential for application in an experimental model of solid organ transplantation in large animals. Transplant Proc. 2010 May;42(4):1341-3.

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Cobianchi L, Lucioni M, Rosso R, Zonta S, Fiandrino G, Alessiani M, Doni M, Ferrari A, Magrini U, Paulli M, Dionigi P. *Unique vascular tumor primary arising in the liver and exhibiting histopathological features consistent with so-called polymorphous hemangioendothelioma*. *Pathol Int*. 2009 Dec;59(12):890-4.

Fornoni A, Jeon J, Varona Santos J, **Cobianchi L**, Jauregui A, Inverardi L, Mandic SA, Bark C, Johnson K, McNamara G, Pileggi A, Molano RD, Reiser J, Tryggvason K, Kerjaschki D, Berggren PO, Mundel P, Ricordi C. *Nephrin is expressed on the surface of insulin vesicles and facilitates glucose-stimulated insulin release*. *Diabetes*. 2010 Jan;59(1):190-9.

Pileggi A, Ribeiro MM, Hogan AR, Molano RD, Embury JE, Ichii H, **Cobianchi L**, Fornoni A, Ricordi C, Pastori RL. *Effects of pancreas cold ischemia on islet function and quality*. *Transplant Proc*. 2009 Jun;41(5):1808-9.

Pileggi A, Ribeiro MM, Hogan AR, Molano RD, **Cobianchi L**, Ichii H, Embury J, Inverardi L, Fornoni A, Ricordi C, Pastori RL. *Impact of pancreatic cold preservation on rat islet recovery and function*. *Transplantation*. 2009 May 27;87(10):1442-50.

Hogan AR, Doni M, Ribeiro MM, Molano RD, **Cobianchi L**, Molina J, Zahr E, Ricordi C, Pastori RL, Pileggi A. *Ischemic preconditioning improves islet recovery after pancreas cold preservation*. *Transplant Proc*. 2009 Jan-Feb;41(1):354-5.

Marzorati S, Bocca N, Molano RD, Hogan AR, Doni M, **Cobianchi L**, Inverardi L, Ricordi C, Pileggi A. *Effects of systemic immunosuppression on islet engraftment and function into a subcutaneous biocompatible device*. *Transplant Proc*. 2009 Jan-Feb;41(1):352-3.

Cobianchi L, Zonta S, Vigano J, Dominioni T, Ciccocioppo R, Morbini P, Bottazzi A, Mazzilli M, De Martino M, Vicini E, Filisetti C, Botrugno I, Dionigi P, Alessiani M. *Experimental small bowel transplantation from non-heart-beating donors: a large-animal study*. *Transplant Proc*. 2009 Jan-Feb;41(1):55-6.

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Cobianchi L, Fornoni A, Pileggi A, Molano RD, Sanbria NY, Gonzalez-Quintana J, Bocca N, Marzorati S, Zahr E, Hogan A, Ricordi C and Inverardi L. *Inhibition of p38 activation and IL-6 production by riboflavin in islet cells*. *Cell Transplantation* 2008;17(5):559-66

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Pileggi A, **Cobianchi L**, Inverardi L, Ricordi C. *Overcoming the challenges now limiting islet transplantation: a sequential, integrated approach*. *Ann N Y Acad Sci*. 2006 Oct;1079:383-98. Review.

Vigano J, Abbiati F, Alessiani M, Bonfichi M, Zonta S, Bardone M, Zitelli E, **Cobianchi L**, Doni M, Lovisetto F, Dominioni T, De Martino M, Lusona B, Arbustini E, Dionigi P. *Incidence of graft rejection in small bowel transplanted pigs after immunosuppression withdrawal*. *Transplant Proc*. 2006 Jul-Aug;38(6):1818-20.

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