

INFORMAZIONI PERSONALI



Nome, Cognome	Livio, Luzi
E-mail	[REDACTED]
Cittadinanza	[REDACTED]
Data di nascita	[REDACTED]
Codice fiscale	[REDACTED]
Sesso	●
H-Index	●
N° citazioni	[REDACTED]

POSIZIONE RICOPERTA
TITOLO DI STUDIO

Medico Endocrinologo, Professore Ordinario. Dipartimento di Scienze Biomediche per la Salute, Università degli Studi di Milano.

ESPERIENZA PROFESSIONALE



02/2020-oggi	Direttore, Dipartimento Interpresidio di Endocrinologia, Nutrizione e Malattie Metaboliche, Ospedale San Giuseppe, IRCSS MultiMedica
2013-01/2020	Direttore, Area di Endocrinologia e Malattie Metaboliche, Policlinico San Donato, IRCCS
2011-01/2020	Direttore, Centro Ricerca Metabolismi, Policlinico San Donato, IRCCS
2016-2019	Direttore, Scuola di Specializzazione in Endocrinologia e Malattie del Metabolismo, Università degli Studi di Milano
2007-2010	Preside, Facoltà di Scienze Motorie, Università degli Studi di Milano
2005-oggi	Professore Ordinario di Endocrinologia, Università degli Studi di Milano
2005-2012	Adjunct Professor, Leonard M. Miller School of Medicine, University of Miami, USA

- 2002-oggi Professore Ordinario di Fisiologia, Università degli Studi di Milano
- 1993-1996 Assistant Professor of Medicine, Harvard Medical School, Boston MA, USA
- 1994-1996 Associate Physician, Brigham and Women's Hospital, Boston, MA, USA
- 1990 Tecnico Laureato, Università degli Studi di Milano
- 1986 Ricercatore, Fondazione San Raffaele, Milano
- 1983 Sottotenente Medico, Ospedale Militare di Milano

ISTRUZIONE E FORMAZIONE

- 2000 Corso di perfezionamento in Economia e Gestione dei Servizi Sanitari, Università degli Studi di Milano
- 1993 E.C.F.M.G. certificate, Philadelphia, PA, USA
- 1994 Medical Licence, Commonwealth of Massachusetts
- 1984-1988 Research Fellowship, Endocrine Division, Yale University School of Medicine, New Haven, CT, USA
- 1986 Diploma di Specializzazione in Medicina Interna
- 1981 Laurea in Medicina e Chirurgia

Posizioni precedenti

- 2009-2013 Coordinatore del Dottorato di Ricerca in Scienze dello Sport - Università degli Studi di Milano
- 1997 Aiuto Ospedaliero, Medicina, Ospedale San Raffaele, Milano
- 2001-2010 Direttore Centro Nutrizione Clinica, Ospedale San Raffaele, Milano

Brevetti

"Therapeutic use of Conglutin-γ" Fondazione Ospedale San Raffaele, Inventors: Livio Luzi et al.

COMPETENZE PERSONALI

Lingua madre Italiano

Altre lingue

COMPRESIONE	PARLATO	PRODUZIONE SCRITTA

	Ascolto	Letture	Interazione	Produzione orale	
Inglese	C2	C2	C2	C2	C2

Livelli: A1/A2: Utente base - B1/B2: Utente intermedio - C1/C2: Utente avanzato
Quadro Comune Europeo di Riferimento delle Lingue

1993 - Morgagni Prize, Young Investigator Award

1994 - Research Grant Award, Juvenile Diabetes Foundation International

1997 - Membro della commissione di esperti per la valutazione del 3° anno del IV framework programme, BIOMED 2 (1994-1998) della Comunità Europea

2001 - Premio Società Italiana di Diabetologia

2002 - Membro della Commissione giudicatrice dei progetti di ricerca "Quality of Life and Management of Living Resources" della Comunità Europea

2003 - President, Consortium for Research, Prevention and Treatment of Endocrine and Metabolic Diseases, Milan, Italy.

Competenze digitali

AUTOVALUTAZIONE				
Elaborazione delle informazioni	Comunicazione	Creazione di Contenuti	Sicurezza	Risoluzione di problemi
Utente avanzato	Utente avanzato	Utente avanzato	Utente avanzato	Utente avanzato

Livelli: Utente base - Utente intermedio - Utente avanzato
Competenze digitali - Scheda per l'autovalutazione

Patente di guida A, B

ULTERIORI INFORMAZIONI

2012-2016 - Membro del Consiglio direttivo della Società Italiana di Diabetologia

2012 - Editor in Chief, Sport Sciences for Health, Springer International

2013 - Editorial Board J Endocrinol Investigation

2001-2006 - Editorial Board, Amer J Physiol-Endocrinology & Metabolism

2000-2006 - Managing Editor, Acta Diabetologica, Springer International

Articoli

1. Ripamonti M, Mosca A, Rovida E, Luzzana M, Luzi L, Ceriotti F, Cottini F, Rossi-Bernardi L. Urea creatinine and glucose determined in plasma and whole blood by a differential-pH technique. Clinical Chemistry 1984; 30(4):556-559.

2. Groop L, Luzi L, Melander A, Groop-PH, Ratheiser K, Simonson DC, De Fronzo RA. Different effects of glyburide and glibipizide on insulin secretion and hepatic glucose production in normal and NIDD subjects. *Diabetes* 1987; 36:1320-1328.
3. Castellino P, Luzi L, Simonson DC, Haymond WM, De Fronzo RA. Effect of insulin and plasma amino acids concentrations on leucine metabolism in man. *J Clin Invest* 1987; 80:1784-1793.
4. Luzi L, Barrett E, Groop LC, Ferrannini E, De Fronzo RA. Metabolic effect of low-dose insulin therapy on glucose metabolism in diabetic ketoacidosis. *Diabetes* 1988; 37:1470-1477.
5. Ferrannini E, Bevilacqua S, Lanzone L, Bonadonna R, Brandi L, Oleggini M, Boni C, Buzzigoli G, Clociaro D, Luzi L, De Fronzo RA. Metabolic interactions of amino acids and glucose in healthy humans. *Diabetes Nutrition and Metabolism* 1988; 3:175-186.
6. Luzi L, De Fronzo RA. Effect of the loss of first phase of insulin secretion on hepatic glucose production and tissue glucose disposal in humans. *Am J Physiol* 1989; 257:E241-E246.
7. Groop LC, Luzi L, De Fronzo RA, Melander A. Hyperglycemia and absorption of sulphonylurea drugs. *Lancet* 1989; 2:129-130.
8. Luzi L, Castellino P, Simonson DC, Petrides AS, De Fronzo RA. Leucine metabolism in insulin-dependent diabetes mellitus: role of insulin and substrate availability. *Diabetes* 1990; 39:38-48.
9. Castellino P, Luzi L, Del Prato S, De Fronzo RA. Dissociation of the effects of epinephrine and insulin on glucose and protein metabolism. *Am J Physiol* 1990; 258:E117-E125.
10. Luzi L, Ripamonti M, Marconi C, Cazzola E, Mosca A. Whole blood L-lactate assay by a new differential pH-method; application to metabolic investigation. *Acta Diabetologica Latina* 1990; 27(2): 129-138.
11. Luzi L, Secchi A, Facchini F, Battezzati A, Staudacher C, Spotti D, Castoldi R, Ferrari G, Di Carlo V, Pozza G. Reduction of insulin resistance by combined kidney-pancreas transplantation in type I (insulin-dependent) diabetic patients. *Diabetologia* 1990; 33:549-556.
12. Rossi G, Luzi L, Facchini F, Battezzati A, Castiglioni MT, Natale N, Pozza G, Vignali M. Effect of excessive ponderal increment for gestational age and of gestational diabetes on substrate oxidation and energy expenditure in pregnancy. *Diabetes Nutrition Metabolism*. 1991;3(Suppl2):45-47.
13. Cobelli C, Saccomani MP, Tessari P, Biolo G, Luzi L, Matthews DE. A compartmental model of leucine kinetics in humans. *Am J Physiol* 1991; 261:E539-E550.
14. Groop LC, Barzilai N, Ratheiser K, Luzi L, Melander A, De Fronzo R. Dose-dependent effect of glibenclamide on insulin secretion and glucose uptake in man. *Diabetes Care* 1991; 14:724-727.
15. Petrides AS, Luzi L, Reuben A, Riely C, De Fronzo RA. Effect of insulin and plasma concentration on leucine metabolism in cirrhosis. *Hepatology* 1991; 14:432-441.
16. Groop LC, Ratheiser K, Luzi L, Melander A, Simonson DC, Petrides AS, Bonadonna RC, Widen E, De Fronzo RA. Effect of sulphonylurea on glucose-stimulated insulin secretion in healthy and non-insulin dependent diabetic subjects: a dose-response study. *Acta Diabetologica* 1991; 28:162-168.
17. Castellino P, Solini A, Luzi L, Grant Barr J, Smith DJ, Petrides AS, Giordano M, Carrol C, De Fronzo RA. Glucose and amino acid metabolism in patients with chronic renal failure. The effect of insulin and amino acids. *Am J Physiol* 1992, 262:F168-F176.
18. Luzi L, Battezzati A, Perseghin G, Bianchi E, Vergani S, Secchi A, La Rocca E, Staudacher C, Spotti D, Ferrari G, Di Carlo V, Pozza G. Lack of feed-back inhibition of insulin secretion in denervated human pancreas. *Diabetes* 1992; 41:1632-39.

19. Luzi L, Dozio N, Battezzati A, Perseghin G, Sarugerl E, Terruzzi I, Spotti D. Anomalous leucine metabolism in total lipoathrophic diabetes: a possible mechanism of muscle mass hypertrophy. *Acta Diabetologica* 1992; 29:86-93.
20. Grimaldi LME, Luzi L, Martino G, Furlan R, Nemni R, Antonelli A, Canal N, Pozza G. Bilateral VIII cranial nerve neuropathy as initial manifestation of human immunodeficiency virus infection. *J Neurol* 1993; 240:363-366.
21. Martinenghi S, Secchi A, Luzi L, Battezzati A, Pozza G. Acute deterioration of pancreatic graft function presumably determined by steroid-induced insulin resistance: a case report. *Transplantation* 1993; 56:1241-244.
22. Luzi L, Petrides AS, DeFronzo RA. Different sensitivity to insulin of glucose and amino acid metabolism in NIDDM. *Diabetes* 1993; 42:1868-1877.
23. Luzi L, Battezzati A, Perseghin G, Bianchi E, Terruzzi I, Spotti D, Vergani S, Secchi A, La Rocca E, Ferrari G, Staudacher C, Castoldi R, Di Carlo V, Pozza G. Combined pancreas and kidney transplantation normalizes protein metabolism in insulin-dependent diabetic-uremic patients. *J Clin Invest* 1994; 93:1948-1958.
24. Petrides AS, Luzi L, De Fronzo RA. Time-dependent regulation by insulin of leucine metabolism in young healthy adults. *Am J Physiol* 1994; 30: E361-E368.
25. Battezzati A, Luzi L, Perseghin G, Bianchi E, Spotti D, Secchi A, Vergani S, Di Carlo V, Pozza G. Persistence of counterregulatory abnormalities in insulin dependent diabetes mellitus after pancreas transplantation. *Eur J Clin Invest* 1994; 24:751-758.
26. Paleari R, Mosca A, Maccaronio A, De Bellis G, Debernardi S, Lang F, Luzi L. Hb A_{1c} [90 (F6) Glu->Lys] identified by DNA analysis. *Hemoglobin* 1994; 18:347-352.
27. Castellino P, Pluvio C, Bianchi E, Vergani S., Carone M, dePascale E, Giordano D, D'Alessio O, Luzi L. Renal hemodynamic effects of cyclosporin A treatment in patients with chronic uvelitis and normal native kidneys. *Transplantation* 1994; 58:958-961.
28. Battezzati A, Terruzzi I, Perseghin G, Bianchi E, Di Carlo V, Pozza G, Luzi L. Defective insulin action on protein and glucose metabolism during chronic hyperinsulinemia in subjects with benign insulinoma. *Diabetes* 1995;44:837-844.
29. Luzi L, Castellino P, De Fronzo RA. Insulin and hyperaminoacidemia regulate by a different mechanism leucine turnover and oxidation in obesity. *Am J Physiol* 1996; 270:E273-E281.
30. Luzi L, Groop LC, Perseghin G, Taskinen M-R, Hilden H, Bianchi E, Terruzzi I, Di Carlo V, Pozza G. Effect of pancreas transplantation on free fatty acid metabolism in uremic IDDM patients. *Diabetes* 1996;45:354-360.
31. Pluvio C, dePascale E, Pluvio M, Carone M, Giordano M, Luzi L, Sabella F, Castellino P. Renal hemodynamics in renal transplant recipients. The role of reduced kidney mass and CsA administration. *Transplantation* 1996; 61:733-738.
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transplantation in cirrhotic patients. *J Clin Invest* 1997; 99:692-700.

35. Lanzi R, Bianchi E, Andreotti AC, Manzoni MF, Luzi L, Pontiroli AE. Evidence for an inhibitory effect of physiological hyperinsulinemia on GH-RH-induced growth hormone release in healthy subjects. *J Clin Endocrinol Metabolism* 1997; 82:2239-2243.

36. Perseghin G, Regalia E, Battezzati A, Vergani S, Pulvirenti A, Terruzzi I, Baratti D, Bozzetti F, Mazzaferro V, Luzi L. Regulation of glucose homeostasis in humans with a denervated liver. *J Clin Invest* 1997; 100: 931-941.

37. Luzi L. Pancreas transplantation and diabetic complications. *N Engl J Med* 1998;339:115-117.

38. Battezzati A, Simonson DC, Luzi L, Matthews DE. Glucagon increases glutamine uptake without affecting glutamine release in humans. *Metabolism* 1998; 47: 713-723.

39 Perseghin G, Corno A, Santoro F, Biagioli B, Paolini G, Benedini S, Donatelli F, Battezzati A, Pozza G, Grossi A, Luzi L. Myocardial metabolism studied during warm blood antero-retrograde reperfusion in ischemic human hearts. *Acta Diabetol* 1998; 35:67-73.

40. Perseghin G, Baratti D, Benedini S, Regalia E, Mazzaferro V, Luzi L. Effect of liver transplantation in cirrhotic diabetic patients. *Transplantation Proceedings* 1998; 30(5): 1868.

41. Battezzati A, Bonfatti D, Benedini S, Calori G, Caldara R, Mazzaferro V, Elli A, Secchi A, Di Carlo V, Pozza G, Luzi L. Spontaneous hypoglycemia after pancreas transplantation in IDDM. *Diab. Med.* 1998; 15:991-996.

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44. Fernandez LA, Lehmann R, Luzi L, Battezzati A, Angelico MC, Ricordi C, Tzakis A and Alejandro R. The effects of maintenance doses of FK506 versus Cyclosporin A on glucose and lipid metabolism after orthotopic liver transplantation. *Transplantation* 1999; 68 (10):1532-41.

45. Castellino P, Luzi L, Giordano M, De Fronzo RA. Effects of insulin and amino acids on glucose and leucine metabolism in CAPD patients. *J Am Soc Nephrol.* 1999 May;10(5):1050-

46. Perseghin G, Scifo P, De Cobelli F, Pagliato E, Battezzati A, Arcelloni C, Vanzulli A, Testolin G, Pozza G, Del Maschio A and Luzi L. Intramyocellular triglyceride content is a determinant of in vivo insulin resistance in humans: a ¹H-¹³C NMR spectroscopy assessment in offspring of type 2 diabetic parents. *Diabetes* 1999; 48: 1600-1606.

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51. Battezzati A, Zerbi A, Perseghin G, Caumo A, Terruzzi I, Di Carlo V, Luzi L. Effect of

hemipancreatectomy and of pancreatic diversion on the tolerance to a glucose load in humans. *Eur. J. Clin. Invest*, 2000, 30: 397-410

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55. Luzi L, Piceni Sereni L, Spessot M, Dodesini R, Pastore M.R., Bianchi E, Terruzzi I, Secchi A, Cristallo M, Pozza G, Di Carlo V. Postabsorptive muscle protein metabolism in type 1 diabetic patients after pancreas transplantation. *Acta Diabetologica* 2000, 37(4):219-224

56. Luzi L, Regalia E, Pulvirenti A, Piceni Sereni L, Spessot M, Romito R, Baratti D, Terruzzi I, Mazzaferro V. Post-absorptive and insulin-mediated muscle protein metabolism in liver transplanted patients. *Acta Diabetol* 2002 Dec; 39(4): 203-8

57. Luzi L, Perseghin G, , Brendel M, Terruzzi I, Battezzati A, Eckart M, Brandhorst D, Brandhorst H, Soggi C, Di Carlo V, Piceni Sereni L, Benedini S, Secchi A, Pozza G, Bretzel RG. Metabolic effects of restoring partial B-cell function after islet allotransplantation in type 1 diabetic patients. *Diabetes* 2001, 50:277-282.

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59. Perseghin G, Caumo A, Caloni M, Testolin G, Luzi L. Incorporation of the fasting plasma FFA concentration into QUICKI improves its association with insulin sensitivity in nonobese individuals. *J Clin Endocrinol Metab* 2001 Oct, 86(10):4776-81.

60. Luzi L, Giordano M, Caloni M, Castellino P. Effects of insulin and amino acids on leucine metabolism in young and middle-aged humans. *Eur J. Nutr* 2001, Jun; 40(3):106-12.

61. Perseghin G, Scifo P, Pagliato E, Battezzati A, Benedini S, Soldini L, Testolin G, Del Maschio A, Luzi L. Gender factors affect fatty acids-induced insulin resistance in nonobese humans: effects of oral steroidal contraception. *J Clin Endocrinol Metab* 2001, 86: 3188-3196.

62. Benedini S, Fiocchi R, Battezzati A, Scifo P, Piceni Sereni L, Gamba A, Mammana C, Del Maschio A, Perseghin G, Luzi L. Energy metabolism in diabetic and non-diabetic heart transplant recipients. *Diabetes Care*, 2002 Mar, 25(3):530-6.

63. Battezzati A, Caumo A, Fattorini A, Piceni Sereni L, Coppa J, Romito R, Ammatuna M, Regalia E, Mazzaferro V, Luzi L. Amino acid kinetics during the anhepatic phase of liver transplantation. *Diabetes*, 2002 Jun, 51(6): 1690-8.

64. Perseghin G, Mazzaferro V, Benedini S, Pulvirenti A, Coppa J, Regalia E, Luzi L. Resting energy expenditure in diabetic and non diabetic patients with liver cirrhosis: relation with insulin sensitivity and effect of liver transplantation and immunosuppressive therapy. *Am J Clin Nutr*; 2002 Sep, 76(3): 541-8.

65. Perseghin G, Scifo P, Danna M, Battezzati A, Benedini S, Meneghini E, Del Maschio A, Luzi L. Normal insulin sensitivity and IMCL content in overweight humans are associated with higher fasting lipid oxidation. *Am J Physiol Endocrinol Metab*, 2002 Sep, 283(3): E556-64.

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72. Perseghin G, Caumo A, Arcelloni C, Benedini S, Lanzi R, Pagliato E, Sereni PL, Testolin G, Battezzati A, Comi G, Comola M, Luzi L. Contribution of abnormal insulin secretion and insulin resistance to the pathogenesis of type 2 diabetes in myotonic dystrophy. *Diabetes Care*, 2003 Jul;26(7):2112-8
73. Perseghin G, Lattuada G, Danna M, Sereni PL, Maffi P, De Cobelli F, Battezzati A, Secchi A, Del Mashio A, Luzi L. Insulin resistance, intramyocellular lipid content and plasma adiponectin in patients with type 1 diabetes. *Am J Physiol Endocrinol Metab*, 2003, 285(6): E1174-E1181
74. Luzi L, Perseghin G, Tambussi G, Meneghini E, Scifo P, Pagliato E, Del Maschio A, Testolin G, Lazzarin A. Intramyocellular lipid accumulation and reduced whole body lipid oxidation in HIV lipodystrophy. *Am J Physiol Endocrinol Metab*, 2003 Feb; 284(2):E274-80
75. Perseghin G, Caumo A, Mazzaferro V, Pulvirenti A, Piceni Sereni L, Romito R, Lattuada G, Coppa J, Costantino F, Regalia E, Luzi L. Assessment of insulin sensitivity based on a fasting blood sample in men with livercirrhosis before and after liver transplantation. *Transplantation*, 2003, Aug 27; 76(4):697-702.
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78. Battezzati A, Caumo A, Martino F, Piceni Sereni L, Coppa J, Romito R, Ammatuna M, Regalia E, Matthews DE, Mazzaferro V, Luzi L. Non-hepatic glucose production in humans. *Am J Physiol Endocrinol Metab*. 2004 Jan;286(1):E129-35.
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81. Perseghin G, Comola M, Scifo P, Benedini S, De Cobelli F, Lanzi R, Costantino F, Lattuada G, Battezzati A, Del Maschio A, Luzi L. Postabsorptive and insulin-stimulated energy and protein metabolism in patients with Myotonic Dystrophy type 1. *Am J Clin Nutr*. 2004 Aug;80(2):357-64

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Dati personali

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 (Codice in materia di protezione dei dati personali) e sue successive modifiche e integrazioni, nonché del Regolamento UE 679/2016 (Regolamento Generale sulla Protezione dei dati o, più brevemente, RGPD).

Il sottoscritto è a conoscenza che, ai sensi dell'art. 76 del DPR 445/2000, le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali.

Data, 02/02/2022

Firma

