

**FORMATO EUROPEO
PER IL CURRICULUM
VITAE**



Name	LIVIO LUZI
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Current Academic Rank	Full Professor
Primary Department	Professor of Endocrinology, University of Milan
Secondary or Joint Appointments	Director, Department of Endocrinology, Nutrition & Metabolism, MultiMedica Hospital Group, Milano, Italy
Citizenship	Italian

HIGHER EDUCATION

Institutional	University of Milan, Medical Doctor, 1981 University of Milan, Specialization in Internal Medicine, 1986
Non-Institutional	University of Philadelphia, Educational Commission Foreign Medical Graduates Diplomat, 1993; University of Milan, Economy and Health Care Management Master, 2000.
Certification, licensure	European Union and Medical Licence, Commonwealth of Massachusetts.

EXPERIENCE

ACADEMIC

1981-1982	Intern in Medicine, Ospedale San Raffaele, Milan, Italy
1984-1988	Research Fellow in Medicine, Endocrinology, Yale University School of Medicine
1988	Research Fellow in Medicine, Diabetes/Metabolism, University of Texas Health Science Center, San Antonio, Texas
1991-2002	Tecnico Laureato, Department of Medicine, University of Milan, Italy

1992	Visiting Assistant Professor, Department of Internal Medicine, Diabetes Division, Yale University School of Medicine
1993-1996	Assistant Professor of Medicine, Department of Medicine, Division of Endocrinology-Hypertension, Section of Diabetes and Metabolism, Brigham and Women's Hospital, Harvard Medical School.
2002	Professor of Nutrition – Faculty of Exercise Sciences – University of Milan
2005	Adjunct Professor of Surgery, Leonard M. Miller School of Medicine, University of Miami.
2006	Professor of Endocrinology, University of Milan
2007-2010	Dean, Faculty of Exercise Sciences, University of Milan.
2009-2015	PhD Program Director in Sport Sciences – University of Milan
2011	Director of the Center for Research on Metabolism-Policlinico San Donato.
2016-2019	Director, Post-Graduate School of Endocrinology & Metabolism, Univ. Milan.

HOSPITAL APPOINTMENTS

2002-2011	Director, Section of Nutrition and Metabolism San Raffaele Hospital
2011-2012	Senior consultant in Diabetology, Endocrinology and Internal Medicine, Policlinico San Donato.
2013-2020	Director, Area of Endocrinology and Metabolic Diseases, Policlinico san Donato.
2020-	Director, Department of Endocrinology, Nutrition and Metabolism, MultiMedica Hospital Group

NON-ACADEMIC APPOINTMENTS

1997	Expert Member, External Monitoring Group of the medical research program BIOMED 2 (1994-1998) of the European Commission
1998-	Member, Scientific Committee, International Center for the Assessment of the Nutritional Status, University of Milan
2000	Expert Member, Marie Curie Fellowships Evaluators Panel, Quality of Life and Management of Living Resources, Brussels, European Commission.
2001	Expert Member, Marie Curie Fellowships Evaluators Panel, Quality of Life and Management of Living Resources, Brussels, European Commission.
2001-2006	Member Editorial Board of the American Journal of Physiology- Endocrinology and Metabolism. (January 2001-December 2006)

PUBLICATIONS

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, Rathelser K, Simonson DC, De Fronzo RA. Different effects of glyburide and glibenclamide on insulin secretion and hepatic glucose production in normal and NIDDM 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 sulphanylurea 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, Barzilay 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 lipoatrophic 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.
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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.
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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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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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58. Battezzati A, Benedini S, Caldara R, Calori G, Secchi A, Pozza G, Luzi L. Prediction of the long-term metabolic success of the pancreatic graft function. *Transplantation* 2001, 71: 1560
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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.
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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.

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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
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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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EDITORIAL RESPONSIBILITIES

2001	Associate Editor of <i>Acta Diabetologica</i> , Springer-Verlag, Heidelberg, DE
2004-2012	Co-Editor of <i>Sport Sciences for Health</i> , published by Springer Verlag, Heidelberg, DE.
2009-2013	Editor in Chief, <i>Sport Sciences for Health</i> .
2013-2016	Editorial Board, <i>J Endocrinol Invest</i>

HONORS AND AWARDS

1987-1989	Research Fellowship, Juvenile Diabetes Foundation International
1988	Prize for the best scientific work, <i>Societa' Italiana di Nutrizione Enterale e Parenterale</i> , Bologna, SINPE-GASAPE
1993	Morgagni Prize, Young Investigator Award

2001 Italian Society of Diabetology, Career Award

2018 Bocconi University, ViviSalute Prize

SERVICE

**UNIVERSITY COMMITTEE AND
ADMINISTRATIVE
RESPONSABILITIES**

1) Dean, Faculty of Exercise Sciences, University of Milan.

2) Member of Senato Accademico, University of Milan (2007-2010)

Milano, 10/09/2020

A handwritten signature in black ink, enclosed in a thin black rectangular border. The signature is stylized and appears to be the initials 'AS'.