

European Curriculum Vitae

Personal information

First name(s) / Surname(s)	Emanuele Bosi	
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E-mail	bosi.emanuele@hsr.it	
Nationality	Italian	
Date of birth	13 MARCH 1954	
Gender	Male	

Work experience

2019 to date	Director, Post-Graduate School of Internal Medicine, San Raffaele Vita Salute University, Milan
2018 to date	Professor of Internal Medicine, San Raffaele Vita Salute University, Milan
2002 to date	Head, General Medicine, Diabetes & Endocrinology Unit, San Raffaele Hospital, Milan
2003-2020	Director, JDRF/TrialNet International Clinical Centre
2014-2018	Professor of Endocrinology, San Raffaele Vita Salute University, Milan
2002-2018	Director, Post-Graduate School of Endocrinology, San Raffaele Vita Salute University, Milan
2013-2017	Director, Diabetes Research Institute, San Raffaele Hospital, Milan
2002-2014	Associate Professor of Endocrinology, San Raffaele Vita Salute University, Milan
2008-2011	Director, Department of Internal Medicine, San Raffaele Hospital, Milan
1989-2002	Senior Registrar and Head of Research Unit, Department of Medicine, San Raffaele Hospital Scientific Institute, Milan
1992-2001	Associate Professor of Internal Medicine, University of Milan at the San Raffaele Hospital Scientific Institute, Milan
1985-1988	Honorary Clinical Assistant and Research Fellow, Department of Immunology, University College and Middlesex Hospital, London
1983-1985	Clinical Assistant, Department of Medicine, San Raffaele Hospital Scientific Institute, Milan

1982-1983	Clinical and research fellow, Université Claude Bernard, Clinique de Néphrologie et Maladies Métaboliques, Transplantation Unit, Edouard Herriot Hospital, Lyon, France
1979-1981	Clinical and research fellow, San Raffaele Hospital Scientific Institute, Milan
Honorary appointments	
1996-1998	Elected Chairman, Lombardy region section, Italian Diabetes Society
2000-2004	Elected Member, National Board, Italian Diabetes Society
1999-2002	Deputy Chief Editor, European Journal of Endocrinology
Current main activities and responsibilities	Professor of Internal Medicine, Vita-Salute San Raffaele University, Milan; Head, General Medicine, Diabetes & Endocrinology Unit, San Raffaele Hospital, Milan; Director, Post-Graduate School of Internal Medicine, San Raffaele Vita Salute University, Milan; Director, FID-INNODIA Center for type 1 diabetes screening and prevention.
Name and address of employer	San Raffaele Vita Salute University, Milan, Via Olgettina 60, Milan, Italy
Type of business or sector	Academic, Health
Education and training	
Dates	1979; 1983; 1987
Title of qualification awarded	MD; Specialist in Diabetes; Specialist in Clinical Immunology
Principal subjects/occupational skills covered	Clinical Medicine; Diabetes and Metabolic Diseases; Clinical Immunology
Name and type of organisation providing education and training	University of Milan
Personal skills and competences	
Mother tongue(s)	Italian
Other language(s)	English, French
Self-assessment	
European level (*)	
Language: English	Very good understanding, speaking and writing
Language: French	Very good understanding, speaking, good writing
Additional information	Scientific Societies Italian Diabetes Society (SID) American Diabetes Association (ADA) Immunology of Diabetes Society (IDS) Italian Society of Internal Medicine (SIMI)

Main Research Grants:

- Director, INNODIA/INNODIA HARVEST Clinical Centre, EU IMI (European Union Innovative Medicines Initiative), 2020-2022 (€ 220,000)
- Director, FID (Fondazione Italiana Diabete), Centro Prevenzione diabete di tipo 1, Ospedale San Raffaele, 2021-2022, (€ 75,000)
- Director, TrialNet International Clinical Center (NIDDK-National Institutes of Health, USA), 2003-2020 (\$ 3,123,000)
- P.I., PRIN, Italian Ministry of University and Research, € 143,000, 2017-2021
- Director, JDRF (Juvenile Diabetes Research Foundation, USA) International Site, 2018-2019 (\$ 260,000)
- Director, JDRF (Juvenile Diabetes Research Foundation, USA) International Site, 2015-2017 (\$ 300,000)
- P.I., PRIN, Italian Ministry of University and Research, € 39,000, 2015-2017
- Director, JDRF (Juvenile Diabetes Research Foundation, USA) International Site, 2012-2014 (\$ 214,500)
- Director, JDRF (Juvenile Diabetes Research Foundation, USA) International Site, 2009-2011 (\$ 214,500)
- Director, JDRF (Juvenile Diabetes Research Foundation, USA) Italy/Germany TrialNet International Clinical Center, 2003-2008 (\$ 301,000)

Clinical Trials:

Principal Investigator (PI) or Co-PI in more than 80 Phase III clinical trials.

Publications: Author/Co-Author of more than 250 papers (selected list since 2019):

Bosi E, Choudhary P, de Valk HW, Lablanche S, Castañeda J, de Portu S, Da Silva J, Ré R, Vorrink-de Groot L, Shin J, Kaufman FR, Cohen O; SMILE Study Group. Efficacy and safety of suspend-before-low insulin pump technology in hypoglycaemia-prone adults with type 1 diabetes (SMILE): an open-label randomised controlled trial. *Lancet Diabetes Endocrinol* 2019 Jun;7(6):462-472.

Battelino T, Danne T, Bergenstal RM, Amiel SA, Beck R, Biester T, Bosi E, Buckingham BA, Cefalu WT, Close KL, Cobelli C, Dassau E, DeVries JH, Donaghue KC, Dovic K, Doyle FJ 3rd, Garg S, Grunberger G, Heller S, Heinemann L, Hirsch IB, Hovorka R, Jia W, Kordonouri O, Kovatchev B, Kowalski A, Laffel L, Levine B, Mayorov A, Mathieu C, Murphy HR, Nimri R, Nørgaard K, Parkin CG, Renard E, Rodbard D, Saboo B, Schatz D, Stoner K, Urakami T, Weinzimer SA, Phillip M. Clinical Targets for Continuous Glucose Monitoring Data Interpretation: Recommendations From the International Consensus on Time in Range. *Diabetes Care*. 2019 Aug;42(8):1593-1603.

Battaglia M, Ahmed S, Anderson MS, Atkinson MA, Becker D, Bingley PJ, Bosi E, Brusko TM, DiMeglio LA, Evans-Molina C, Gitelman SE, Greenbaum CJ, Gottlieb PA, Herold KC, Hessner MJ, Knip M, Jacobsen L, Krischer JP, Long SA, Lundgren M, McKinney EF, Morgan NG, Oram RA, Pastinen T, Peters MC, Petrelli A, Qian X, Redondo MJ, Roep BO, Schatz D, Skibinski D, Peakman M. Introducing the Endotype Concept to Address the Challenge of Disease Heterogeneity in Type 1 Diabetes. *Diabetes Care*. 2020 Jan;43(1):5-12

Pozzilli P, Bosi E, Cirkel D, Harris J, Leech N, Tinahones FJ, Vantyghem MC, Vlasakakis G, Ziegler AG, Janmohamed S. Randomized 52-week Phase 2 Trial of Albiglutide Versus Placebo in Adult Patients With Newly Diagnosed Type 1 Diabetes. *J Clin Endocrinol Metab*, June 2020, 105(6):e2192–e2206

Bolla AM, Butera E, Pellegrini S, Caretto A, Bonfanti R, Zuppardo RA, Barera G, Cavestro GM, Sordi V, Bosi E. Expression of glucose transporters in duodenal mucosa of patients with type 1 diabetes. *Acta Diabetol*. 2020 Nov;57(11):1367-1373.

Laurenzi A, Caretto A, Barrasso M, Bolla AM, Dozio N, Molinari C, Meneghini E, Bosi E, Scavini M. Frequency of flash glucose monitoring readings, hemoglobin A1c and time in range: a real life study in adults with type 1 diabetes. *Acta Diabetol*. 2020 Nov;57(11):1395-1397.

Lampasona V, Secchi M, Scavini M, Bazzigaluppi E, Brigatti C, Marzinotto I, Davalli A, Caretto A, Laurenzi A, Martinenghi S, Molinari C, Vitali G, Di Filippo L, Mercalli A, Melzi R, Tresoldi C, Rovere-Querini P, Landoni G, Ciceri F, Bosi E, Piemonti L. Antibody response to multiple antigens of SARS-CoV-2 in patients with diabetes: an observational cohort study. *Diabetologia*. 2020 Dec;63(12):2548-2558

Bosi E, Bosi C, Rovere Querini P, Mancini N, Calori G, Ruggeri A, Canzonieri C, Callegaro L, Clementi M, De Cobelli F, Filippi M, Bregni M. Interferon β -1a (IFN β -1a) in COVID-19 patients (INTERCOP): study protocol for a randomized controlled trial. *Trials*. 2020 Nov 23;21(1):939.

Bolla AM, Gandolfi A, Borgonovo E, Laurenzi A, Caretto A, Molinari C, Catalano RS, Bianconi E, Monti P, Sordi V, Pellegrini S, Lampasona V, Costa S, Scavini M, Bosi E, Piemonti L. Rapamycin Plus Vildagliptin to Recover β -Cell Function in Long-Standing Type 1 Diabetes: A Double-Blind, Randomized Trial. *J Clin Endocrinol Metab*. 2021 Jan 23;106(2):e507-e519.

Dozio N, Indirli R, Giamporcaro GM, Frosio L, Mandelli A, Laurenzi A, Bolla AM, Stabilini A, Valle A, Locatelli M, Cavestro GM, Scavini M, Battaglia M, Bosi E. Impaired exocrine pancreatic function in different stages of type 1 diabetes. *BMJ Open Diabetes Res Care*. 2021 Feb;9(1):e001158.

Da Silva J, Bosi E, Jendle J, Arrieta A, Castaneda J, Grossman B, Cordero TL, Shin J, Cohen O. Real-world performance of the MiniMed™ 670G system in Europe. *Diabetes Obes Metab*. 2021 Aug;23(8):1942-1949.

Di Molfetta S, Bosi E, Ceriello A, Cucinotta D, Tiengo A, Scavini M, Piccolo C, Bonizzoni E, Acmet E, Giorgino F; PRISMA STUDY GROUP. Structured self-monitoring of blood glucose is associated with more appropriate therapeutic interventions than unstructured self-monitoring: A novel analysis of data from the PRISMA trial. *Diabetes Res Clin Pract*. 2021 Nov;181:109070

Bosi E, Gregori G, Cruciani C, Irace C, Pozzilli P, Buzzetti R. The use of flash glucose monitoring significantly improves glycemic control in type 2 diabetes managed with basal bolus insulin therapy compared to self-monitoring of blood glucose: A prospective observational cohort study. *Diabetes Res Clin Pract*. 2022 Jan;183:109172

Giovenzana A, Vecchio F, Cugnata F, Nonis A, Mandelli A, Stabilini A, Mazzi BA, De Pellegrin M, Laurenzi A, Bonfanti R, Battaglia M, Bosi E, Petrelli A. Exocrine pancreas function is impaired in adult relatives of patients with type 1 diabetes. *Acta Diabetol*. 2022 Apr;59(4):473-479

Petrelli A, Popp SK, Fukuda R, Parish CR, Bosi E, Simeonovic CJ. The Contribution of Neutrophils and NETs to the Development of Type 1 Diabetes. *Front Immunol*. 2022 Jul 6;13:930553.

Piemonti L, Keymeulen B, Gillard P, Linn T, Bosi E, Rose L, Pozzilli P, Giorgino F, Cossu E, Daffonchio L, Goisis G, Ruffini PA, Maurizi AR, Mantelli F, Allegretti M, Ladarixin, an inhibitor of the interleukin-8 receptors CXCR1 and CXCR2, in new-onset type 1 diabetes: A multicentre, randomized, double-blind, placebo-controlled trial. *Diabetes Obes Metab*. 2022 Sep;24(9):1840-1849.

Phillip M, Nimri R, Bergenstal RM, Barnard-Kelly K, Danne T, Hovorka R, Kovatchev BP, Messer LH, Parkin CG, Ambler-Osborn L, Amiel SA, Bally L, Beck RW, Biester S, Biester T, Blanchette JE, Bosi E, Boughton CK, Breton MD, Brown SA, Buckingham BA, ... Battelino T. Consensus Recommendations for the Use of Automated Insulin Delivery Technologies in Clinical Practice. *Endocr Rev*. 2023 Mar 4;44(2):254-280.

Bosi C, Ferrarese R, De Lorenzo R, Mancini N, Bosi E; INTERCOP study group. Lack of efficacy of Interferon β -1a in COVID-19 patients with mild to moderate pneumonia. *Eur J Intern Med*. 2023 Apr;110:104-106.