

## PERSONAL INFORMATION

Stefano Olgiati



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## WEB INFO

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Harvard Medical Alumni Association: <https://www.harvardae.org/moderators>  
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Web of Science ResearcherID X-9278-2019  
GitHub Author ID: SAO65  
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## HONORS AND NOMINATIONS

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- Lancet-CAMS Health Summit, Investigator outside China at the Chinese Academy of Medical Sciences (CAMS), Beijing, China (2015)
- World Health Summit 2012, New Voice in Global Health, Berlin, Germany (2012)
- Earthquake of Carlentini, Brigade Military Commendation, Palermo, Italy (1991)
- Bocconi University, Gold Medal for Academic Achievements, Milano, Italy (1990)

## FELLOWSHIPS

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- Royal Society of Medicine, Fellow, 1 Wimpole St, Marylebone, London W1G 0AE, UK
- Harvard Alumni Association, Member (HAA), 124 Mount Auburn St (University Place), Cambridge, MA 02138, United States

- Harvard Medical Alumni Association, Member (HMAA), 124 Mount Auburn St (University Place), Cambridge, MA 02138, United States
- Harvard Alumni Entrepreneurs, Member and Global Mentor for Digital Health (HAE), 2 Avenue de Lafayette, Boston, MA 02111, United States
- Bocconi University, Manager of the University Equestrian Polo Team, Bocconi Sport Team SSD, Università Bocconi, Via Bocconi, 12, 20136 Milano, Italy

## INTERNATIONAL RESEARCH COLLABORATIONS

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- Global Burden of Disease Health Financing Network, Institute for Health Metrics and Evaluation (IHME), Seattle, WA 98121, USA (2016 – Current)
- Italian Global Burden of Disease Initiative, Institute for Health Metrics and Evaluation (IHME), Seattle, WA 98121, USA (2018 – Current)
- IDEAL Collaboration (Idea, Development, Exploration, Assessment, Long-term Follow-up, Improving the Quality of Research in Surgery), Nuffield Department of Surgical Sciences, University of Oxford, Oxford, OX3 9DU, UK (2018 – Current)

## ORCID-VERIFIED PEER REVIEW ACTIVITY

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Springer Nature, European Spine Journal; Springer Nature (New York, US)

## ACADEMIC EXPERIENCE

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2020 – Current  
Università di Ferrara, Facoltà di Medicina, Biostatistica Avanzata, SSD  
MED/01

2019 – Current

Harvard Medical Alumni, HAE, Boston (MA), USA, Global Moderator, Digital Health

2013 – 20

University of Bergamo, Bergamo, Italy, Research Scientist, Sustainable Development and Global Health



2013

University of Bergamo, Bergamo, Italy, Adjunct Professor, Master in Health Professions

2012-13

University of Milano-Bicocca, Milano, Italy, Post-Doctoral Research Scientist, Centre for Public Health Studies (CeSP)

2009-12

University of Milano-Bicocca, Milano, Italy, Research Scientist ex Law 240/2010, Department of Clinical and Experimental Medicine

2000-05

University of Pavia, Pavia, Italy, Adjunct Professor, Master in Healthcare Management

## EDUCATION AND TRAINING

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2018 – 2020

Massachusetts Institute of Technology  
MIT Sloan School of Management  
Cambridge (MA), USA  
Post-Doc Executive Education  
ACE Program

2016-17

Harvard Medical School  
Boston (MA), USA  
Post-Doc Medical Education  
SQIL program

2007-12

University of Milano Bicocca Medical School  
Department of Clinical and Experimental Medicine  
International Program (English) University of Milano Bicocca, Milano, Italy  
PhD Clinical Epidemiology and Medical Biostatistics

1990-91

De Carolis Carabinieri Military Academy, Rome, Italy  
Military Reserve Officers' Training Corps (ROTC)  
Second Lieutenant Graduation (Hons)

1984-89

Bocconi University, Milano, Italy  
MSc Economics (Summa Cum Laude)

1987  
Exchange Trimester  
London School of Economics, London, UK  
Comparative Law

## PUBLICATIONS

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### Peer Reviewed Journal Articles

- Borg, T.M., Heidari, N., Noorani, A., Slevin, M., Cullen, A., Olgiati, S., Zerbi, A., Danovi, A. and Wilson, A., 2021. Gender-Specific Response in Pain and Function to Biologic Treatment of Knee Osteoarthritis: A Gender-Bias-Mitigated, Observational, Intention-to-Treat Study at Two Years. *Stem Cells International*, 2021.
- Heidari, N., Noorani, A., Slevin, M., Cullen, A., Stark, L., Olgiati, S., Zerbi, A. and Wilson, A., 2020. Patient-Centered Outcomes of Microfragmented Adipose Tissue Treatments of Knee Osteoarthritis: An Observational, Intention-to-Treat Study at Twelve Months. *Stem Cells International*, 2020.
- Global Burden of Disease Italy Collaborator Network, Olgiati S (2019), "Italy's health performance, 1990-2017: Findings from the Global Burden of Disease Study 2017", *Lancet Public Health*, Published Online November 20, 2019 [https://doi.org/10.1016/S2468-2667\(19\)30189-6](https://doi.org/10.1016/S2468-2667(19)30189-6)
- Global Burden of Disease Health Financing Collaborator Network, Olgiati S (2019), "Past, present, and future of global health financing: a review of development assistance, government, out-of-pocket, and other private spending on health for 195 countries, 1995? 2050", *Lancet*, Published Online April 25, 2019: [https://doi.org/10.1016/S0140-6736\(19\)30841-4](https://doi.org/10.1016/S0140-6736(19)30841-4)
- Global Burden of Disease Health Financing Collaborator Network, Olgiati S (2017), "Evolution and patterns of global health financing 1995-2014: development assistance for health, and government, pre- paid private, and out-of-pocket health spending in 184 countries", *Lancet*, Published Online April 19, 2017: [http://dx.doi.org/10.1016/S0140-6736\(17\)30874-7](http://dx.doi.org/10.1016/S0140-6736(17)30874-7)
- Global Burden of Disease Health Financing Collaborator Network, Olgiati S (2017), "Future and potential spending on health 2015-40: development assistance for health, and government, prepaid private, and out-of-pocket health spending in 184 countries", *Lancet*, Published Online April 19, 2017: [http://dx.doi.org/10.1016/S0140-6736\(17\)30873-5](http://dx.doi.org/10.1016/S0140-6736(17)30873-5)
- Olgiati S, Danovi A (2015), "Living longer with disability in China and G20 nations: a quantitative model for the Sustainable Development Goal for health post-2015. A reproducible research", *Lancet*, Volume 386, S56 doi: 10.1016/S0140-6736(15)00637-6
- Olgiati S, Danovi A, Lanzarini A, Cesana G (2012), "Sustainability of universal health coverage in Italy: a modeling study", *Lancet*, Volume 380, S18 doi:10.1016/S0140-6736(13)60304-9



- Lanzarini A, Lanfranconi A, Nonis M, Madotto F, Grillo P, Olgiati S, Cesana G (2014), "Using DRG to analyse hospital production: a re-classification model based on a linear tree-network topology", *Epidemiology, Biostatistics and Public Health*, Volume 11-3: e9347.1-11. doi: 10.2427/9347
- Olgiati S, Danovi A (2015), "The financial unsustainability of the Italian public health care system", *Sinergie Italian Journal of Management*, 33; 97: 239-254 ISSN 0393-5108 doi: 10.7433/s97.2015.15
- Olgiati S, Ferrari M, Magon G, Danovi A (2014), "I rimborsi a DRG in Italia oggi quale disincentivo economico a prevenire le Infezioni Correlate all' Assistenza", *Sanità Pubblica e Privata*; Il 2014: 33-36 Available at: <http://www.preview.periodicimaggioli.it/>
- Olgiati S, Danovi A (2013), "Long-term financial sustainability and inequality of pharmaceutical expenditure in the European Union, 2011-2060: a comparative analysis", *European Scientific Journal*; Special issue, volume 1: 488- 495 – ISSN 1857- 7431
- Olgiati S, Scatigna M, Danovi A, Clementi E, Cesana G (2013), "The affordability of pharmaceutical expenditure: do the United States have a lesson on long-term sustainability for the European Union?", *Journal of Global Strategic Management JGSM* ; Vol 7, Number 2, December 2013 – print delayed by the publisher
- Olgiati S, Magon G, Piacentini D, Danovi A, Cesana G (2012), "L'efficienza dinamica nell'utilizzo dei posti letto di un reparto ospedaliero. Un modello e un indice di efficienza dinamica (IED) basato su una applicazione della matrice demografica di Leslie", *Sanità Pubblica e Privata*; 6; 68-78 Available at: <http://www.preview.periodicimaggioli.it>
- Olgiati S, Magon G, Danovi A, Cesana G (2012), "L'organico medico e infermieristico tra le cause di squilibrio della spesa sanitaria: un'ipotesi priva di fondamenta statistiche", *Sanità Pubblica e Privata*; (5): 70-79 Available at: <http://www.preview.periodicimaggioli.it>
- Olgiati S (2011), "The Sustainability of the Lombardia Health System", *Bicocca Open Archive (UNIMIB-BOA)*, University of Milano-Bicocca Library
- Danovi A, Morlin Visconti A, Olgiati S (2015), "La black list della Consob. Crisi finanziarie e obblighi informativi per le quotate", *Esperienze d'impresa*; 1: 5-27, ISSN 1971-5293
- Olgiati S, Danovi A (2015), "ZETA methodology and variation in the systemic risk of default: accounting for the effects of Type II (false negative) errors variation on lending", *Russian Federal State Autonomous Educational Institution of Higher Professional Education - "National Research University" Higher School of Economics* ; 1 (33)
- Olgiati S, Danovi A (2015), "Credit risk management and cyclicity of bank lending to non-financial corporations in Italy during the financial crisis: 2008-2012. A modeling study", *Problems and Perspectives in Management*, 13; 2: 6-13
- Olgiati S, Danovi A (2015), "ZETA methodology and variation in the systemic risk of default: accounting for the effects of Type II (false negative) errors variation on lending", *Journal of Corporate Finance Research*; 1; 33: 71-81

### **Peer Reviewed Conference Participations**

- Olgiati S, Kalra A, Danovi A, Costa M (2018), "Does teamwork improve clinician and health care executive leaders' individual performance? A reproducible analysis of an experiment at the Harvard Medical School", 2018 EURAM Conference "Research in

Action – Accelerating knowledge creation in management", University of Iceland, Reykjavik, Iceland, 19-22 June 2018

- Olgiati S, Herdy M, Casas Lopez DC, Baviskar DS, Youcef-Khodja D (2017), "Do patients enable tech-enabled healthcare management? The PINCER-BRAZIL approach in settings characterized by a high degree of social, cultural and demographic heterogeneity", 2017 EURAM Conference "Managing Knowledge: Making Knowledge Work", University of Strathclyde Business School, Glasgow, Scotland, UK, 21-24 June 2017
- Mingotti D, Sorete J, Olgiati S (2017), "The ambiguous, interconnected worlds of Mr A., Mr Humbert Humbert and the psychoanalyst", 50th International Psychoanalytical Association Congress, Buenos Aires, Argentina, 25 July - 29 July 2017
- Olgiati S, Danovi A (2015), "Living longer with disability in China and G20 nations: a quantitative model for the Sustainable Development Goal for health post-2015. A reproducible research", The Lancet-CAMS (Chinese Academy of Medical Sciences) Health Summit, 30-31 October 2015, Beijing, China
- Olgiati S, Danovi A (2015), "Living longer with disability: economic implications for health care sustainability. A modeling study", European Academy of Management Conference EURAM 2015 "Uncertainty is a great opportunity", Warsaw (Poland), 17-20 June 2015
- Olgiati S, Magon G, Danovi A, Dozzo DG, Piacentini D, Rinaldi O (2015), "Performance measurement of acute care hospital beds utilization: from a static to a dynamic framework. The case of the IRCCS European Institute of Oncology", Academy of Business (EMAB) – EDC Business School Conference 2015, 21-22 May 2015, in Paris, France
- Olgiati S, Danovi A (2015), "ZETA methodology: integrating idiosyncratic and systemic credit risk within a Bayesian framework. An epidemiological approach", 16th EBES Conference - Istanbul. The conference will be held on May 27-29, 2015 at Bahcesehir University
- Olgiati S, Bronzini G, Danovi A (2014), "The Italian Crisis and Producer Households Debt: a Source of Stability? A Reproducible Analysis", Risk, Banking and Finance Society with New York University Stern Salomon, International Risk Management Conference 2014, Warsaw University School of Economics, Warsaw, Poland
- Olgiati S, G. Magon, O. Rinaldi, D. Piacentini, D. G. Dozzo, A. Danovi, G. Cesana, (2013), "Evaluating the effects on sustainability and performance of acute care hospital beds reduction: a dynamic model" in 16th Toulon-Verona Conference on Excellence in Services, 29– 30 August 2013, Ljubjana, Slovenia
- Olgiati S, Scatigna M, Danovi A, Clementi E, Cesana G (2013), "The affordability of pharmaceutical expenditure: do the United States have a lesson on long-term sustainability for the European Union?", 9th International Strategic Management Conference 2013, Riga, Latvia
- Olgiati S, Danovi A (2013), "Long-term financial sustainability and inequality of pharmaceutical expenditure in the European Union, 2011-2060: a comparative analysis", Eurasian Multidisciplinary Forum, Tbilisi, 24-26 October 2013
- Olgiati S, Danovi A (2013), "Cyclical fluctuations and credit risk management in Italy in the period 2008- 2012: a biostatistical approach", 10th EBES Conference Proceedings: May





23-25, 2013, Taskim Nippon Hotel, Istanbul, Turkey

- Olgianti S, Danovi A (2013), "Contraction or steady state? An analysis of credit risk management in Italy in the period 2008-2012", New York University-Stern School of Business, Copenhagen Business School International Credit Risk Management Conference IRMC 2013, Credit Risk and Tools for financial stability; Copenhagen June 2013, Denmark
- Olgianti S, Danovi A, Lanzarini A, Cesana G (2012), "Sustainability of universal health coverage in Italy: a modeling study", New Voices in global health - M8 Alliance - World Health Summit 2012, Berlin Charité October 21-24, 2012, Berlin, Germany
- Olgianti S, Danovi A, Lanzarini A, Cesana G (2012) "The Turnaround of the Exponential Growth of Public Health Financing in Italy", EURAM 2012 Annual Conference. Social Innovation for Competitive- ness, Organizational Performance and Human Excellence, June 6-8, 2012, Rotterdam, Netherlands
- Olgianti S, Danovi A, Lanzarini A, Cesana G (2012) "Public Health Financing in Italy. A Potential Source of Instability in Times of Pervasive Economic Recession", EBES 2012 Conference, May 24-26, 2012, Istanbul, Turkey
- Olgianti S (2003) "Health in an Ageing Society. Related innovation: products, hospital services, processes", Organisation for Economic Cooperation and Development OECD - BIAC, June 5, 2003, Paris, France; P AC/AFF/LMP(2002);14: 13

### **Peer Reviewed Research Projects**

- Dinesh Subhash Baviskar, Youcef-Khodja D, Herdy M, Casas Lopez DC, Orubu E, Orosz J, Olgianti S (2017), "ChOCO In School (Childhood Obesity Control In School)", Harvard Medical School SQIL Program 2016-17, February 2017, Boston, MA, DOI: 10.13140/RG.2.2.27259.92965
- Herdy M, Olgianti S, Casas Lopez DC, Dinesh Subhash Baviskar, Youcef-Khodja D, Orubu E, Orosz J (2016), "Towards PINCER-BRAZIL: a preliminary and complementary initiative to improve the quality of patient engagement and involvement in primary care medication safety in a context of heterogeneous social, cultural and demographic population in Rio de Janeiro", Harvard Medical School SQIL Program 2016- 17, November 2016, Boston, MA, DOI:10.13140/RG.2.2.34536.88324
- Casas Lopez DC, Dinesh Subhash Baviskar, Youcef-Khodja D, Orubu E, Orosz J, Herdy M, Olgianti S (2016), "Clinical Process Model to Decrease Mortality Rates and Costs in Patients with Sepsis", Harvard Medical School SQIL Program 2016-17, July 2016, Boston, MA, DOI:10.13140/RG.2.2.24470.55360

### **Other Peer Reviewed Published Contributions**

- Olgianti S (2020), Comment on Chaomin Wu et al. (2020), "Risk Factors Associated With Acute Respiratory Distress Syndrome and Death in Patients With Coronavirus Disease 2019 Pneumonia in Wuhan, China", JAMA Intern Med. doi:10.1001/jamainternmed.2020.0994 Published online March 13, 2020.
- Olgianti S (2020), Comment on Grasselli et al. (2020), "Critical Care Utilization for the COVID-19 Outbreak in Lombardy, Italy. Early Experience and Forecast During an Emergency Response",

JAMA, Published Online: March 13, 2020. doi:10.1001/jama.2020.4031

- Olgiati S (2020), Comment on Brush et al. (2019), "Effect of Teaching Bayesian Methods Using Learning by Concept vs Learning by Example on Medical Students' Ability to Estimate Probability of a Diagnosis. A Randomized Clinical Trial", JAMA, Nov-Dec 2018, Boston, MA, Available at JAMA Network Open. 2019;2(12):e1918023. doi:10.1001/jamanetworkopen.2019.18023
- Olgiati S (2019), "Puzzle Corner Responder", MIT Technology Review, Nov-Dec 2018, Boston, MA, Available at <https://www.technologyreview.com/magazine/2018/11/>

### **arXiv Preprints - Cornell University Library**

Stefano Olgiati is an Endorser at Cornell University arXiv for Quantitative Finance – Risk Management (q-fin.RM): <https://arxiv.org/auth/show-endorsers/1404.7377>

- Olgiati S, Bronzini G, Danovi A (2014), "The Italian Crisis and Producer Households Debt: a Source of Stability? A Reproducible Analysis", Risk, Banking and Finance Society with New York University Stern Salomon, International Risk Management Conference 2014, Warsaw University School of Economics, Warsaw, Poland and e-printed on Cornell University Library, arXiv.org, Quantitative Finance, Economics (q-fin-EC). Available at: <http://arxiv.org/abs/1404.7377>
- Olgiati S, Danovi A (2013), "Contraction or steady state? An analysis of credit risk management in Italy in the period 2008-2012", accepted at the New York University-Stern School of Business – Copenhagen Business School International Credit Risk Management Conference IRMC 2013, Credit Risk and Tools for financial stability; Copenhagen June 2013, Denmark and published on Cornell University Library, arXiv.org, Quantitative Finance, Risk management (q-fin-RM). Available at: <http://arxiv.org/abs/1307.2465>
- Olgiati S, Danovi A, Lanzarini A, Cesana G (2012), "The financial framework of the sustainability of health universal coverage in Italy. A quantitative financial model for the assessment of the Italian stability and reform program of public health financing in Italy" accepted at the New Voices in global health - M8 Alliance – World Health Summit 2012, Berlin Charité© October 21-24, 2012, Berlin, Germany and e-printed on Cornell University Library, arXiv.org, Quantitative Finance, General Finance (q-fin-GN) Available at: <http://arxiv.org/abs/1207.6278>

### **Open Access Reproducible Research**

- Olgiati S, Niccolò Marchionni, Marco Scatigna, Emilio Clementi, Alessandro Danovi, Paolo Rossetti, Roberto Weinstein, Giancarlo Cesana (2014), "Diverging health expectancy and growing health expenditure in the European Union: a sustainable trend? A reproducible analysis in R knitr literate programming", RPubs. Available at: <http://rpubs.com/SAO65/17192> – (R) Datasets and Codes Reproducible

### **Chapters in Books**

- Olgiati S, Danovi A (2013), "Il deficit di intensità e densità assistenziale in Italia" in Magon G, Suardi T, Veronesi U, "Primary Nursing", Maggioli Editore, 2013, Milano, Italy, ISBN: 8838780622

### **Contributions in Books**

- Olgiati S (1989) in Codeluppi L, "A New Dictionary of Economics and Banking: English-Italian,





Italian- English", Milano Cisalpino-Goliardica, 1989, Italy, ISBN 10: 882050619X / ISBN 13: 9788820506193

### **Booklets**

- Olgiati S, Danovi A (2015), "Biotech and Life Sciences at the University of Bergamo 2015: research, en- trepreneurship and financing", University of Bergamo, Bergamo, 2015, Italy. Available at: <https://aisberg.unibg.it/handle/10446/41893>

### **Unrefereed Journal Publications**

- Bronzini G, Olgiati S, Danovi A (2013), "Il dossier creditizio aziendale per le PMI: le informazioni rilevanti nelle relazioni creditizie", Confindustria, October 2013, Italy; 4: 18-19
- Bronzini G, Olgiati S, Danovi A (2013), "Is relationship lending over? The importance of credit risk assessment in corporate finance", Confindustria, April 2013, Italy; 1: 44-45
- Bronzini G, Olgiati S, Danovi A (2012), "The difficulties to access corporate bank credit will last through 2013", Confindustria, December 2012, Italy; 4: 22-23

### **Invited Guest Presentations**

- Olgiati S (2003), "13th UBS Annual Global Healthcare Conference", February 2003, New York, NY, USA • Olgiati S (2002) "12th UBS Annual Global Healthcare Conference", February 2002, New York, NY, USA

### **Journalist in healthcare magazines**

- Olgiati S (1998-2005), "Beato Matteo News", Vigevano, Italy – Magazine on health care communication
- Olgiati S (2006-2011) "Prezzemolo", Milano, Italy – Educational magazine for children aged 5-10 on health and nutrition

### **Service**

- Harvard Alumni Entrepreneurs Event, Milano: "Get ready for 2020 investment trends", Milano, Italy, January 14, 2020
- Harvard Alumni Entrepreneurs Event: "Is the European Union economy ready?", Bergamo, Italy, March 2, 2020 - European Spine Journal, Reviewer of the AI Section: 2019 – present
- EURAM 2018 "Research in Action", University of Iceland, Reykjavik, Iceland, 20-23 June 2018
- EURAM 2017 "Making Knowledge Work", University of Strathclyde , Glasgow, Scotland, 21-24 June 2017
- EURAM 2016 "Manageable Cooperation", Université Paris-Est, Paris, France, 1-4 June 2016
- EURAM 2015 "Uncertainty is a great opportunity", Kozminski University, Warsaw, Poland, 17-20

June 2015

- EURAM 2014 "Waves and winds of strategic leadership for sustainable competitiveness", University of Valencia, Spain, 4-7 June 2014
- Bocconi University, Orientamento Professionale e Placement, "Il rapporto tra pubblico e privato nell'erogazione di servizi sanitari: l'esperienza del Gruppo Ospedaliero San Donato", 4 May 1998

## HEALTH POLICY COMMISSIONS

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- Confindustria Federvarie, Board of Governors, Member, Italy (2009 – 2016)
- Commission for the Reform of the Lombardia Healthcare System – X Legislature, Expert member, Italy (2014)
- AIOP (Associazione Italiana dell' Ospedalità Privata), Member of the National Executive Committee, Italy (2003 – 2005)
- AIOP (Associazione Italiana dell' Ospedalità Privata), Member of the Lombardia Executive Committee, Italy (2003 – 2005)
- AIOP Giovani (Associazione Italiana dell' Ospedalità Privata Giovani), National Vice-Chairman of the Board, Italy (2003 – 2005)
- Organization Européenne pour la Coopération et le Développement OECD, Member, BIAC Health and Ageing, France (2003–2005)

## SCIENTIFIC AND PROFESSIONAL BODIES

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- European Academy of Management EURAM, 1000 Brussels, Belgium, EU (2014 – 2018)
- The Risk, Banking and Finance Society, Firenze 50100, EU (2014 – 15)
- International Biometric Society IBS, Washington DC 20005, USA, (2008 – 14)
- Order of Journalists, Albo Speciale, Milan, Italy (1998 – 2011)

I hereby grant my authorisation to utilise my private information

venerdì 10 marzo 2023