

Biographic notes Dr. Danilo Corradini



Dr. Danilo Corradini is the chairman of the Separation Science Group of the Italian Chemical Society (2025-2027 term) and serves as Principal Investigator of the European project PATHFOOD (2025-2027) at the Institute for Biological Systems in Montelibretti (Rome), belonging to the Italian National Research Council (CNR). Currently, he is a Member of the Central European Group for Separation Sciences (CEGSS) and of the International Strategy & Evaluation Board (ISEB) of the Austrian Drug Screening Institute (ADSI), Innsbruck, Austria. Previously (April 2006 – February 2012), he has been a Member of the General Scientific Advisory Board of CNR and served in the scientific advisory board of the Institute of Chromatography (1996-2000) and of the Institute for Chemical Methodologies (2002-2008), both belonging to CNR.

Dr. Corradini investigates fundamental and practical aspects of capillary electromigration techniques and high performance liquid chromatography (HPLC), applied to analytical chemistry, life science, and phytochemistry. His fundamental studies are devoted to shed light on the physical-chemical mechanisms leading to the separation of biomolecules in capillary electrophoresis (CE), as well as in conventional and micro-scale analytical high performance liquid chromatography (HPLC and μ -HPLC). His first involvement in Separation Science was in 1976 during his Ph. D. studies conducted under the scientific direction of Prof. Michael Lederer, founder and first Editor of Journal of Chromatography. He received postdoctoral education in separation science at the Department of Chemical Engineering of Yale University (USA), where he held several appointments as Postdoctoral fellow (1983-84), Associate researcher (1986) and Visiting scientist (1996), working with the pioneer of HPLC, Prof. Csaba Horváth, with whom he has conducted a twenty years long fruitful collaboration in the framework of numerous Italy-USA Bilateral Research Projects he was the Principal Investigator.

In recognition of his significant contributions to Analytical Chemistry and Separation Science, he has received several awards and honours, including the Csaba Horváth Memorial Award from the Hungarian Society for Separation Science in 2009, the Central European Group for Separation Sciences Award in 2011, the Arnaldo Liberti Medal from the Italian Chemical Society in 2014, the Giovanni Dugo Medal from the Italian Chemical Society in 2021, the Prof. Andrzej Waksmundzki Award from the Polish Academy of Sciences in 2023, and the Medal Award for Lifetime Achievements from the Central European Group for Separation Science in 2025.

He has published extensively in international scientific journals and has been the Editor of the Second edition of the "Handbook of HPLC", published by Taylor & Francis (CRC, Chromatographic Science Series) in 2010. He is a member of the permanent Scientific Committee of the International Symposium on Separation Sciences series, has been the Co-chairman of the 28th International Symposium on Separation Sciences (Messina, Italy, September 22-25, 2024), Chairman of the 16th International Symposium on Separation Science (Rome, Italy, September 6-10, 2010), Co-chairman of the XXXIII Annual Meeting of European Society for New Methods in Agricultural Research (Viterbo, Italy, August 27-31 2003), and has been member of the Scientific Committee, chairman and invited speaker in numerous national and international congresses and meetings.

Dr. Corradini serves in the Editorial Board of several scientific journals in the area of Analytical Chemistry and Separation Science and as reviewer for several governmental and non-governmental organizations founding academic research projects, including the Swiss National Science Foundation, the Romanian Ministry of University and Research, the Czech Science Foundation, the Hungarian National Research, Development and Innovation Office (NKFIH), and the Polish National Science Centre (Narodowe Centrum Nauki – NCN). He has occupied academic roles in Italian and Austrian universities, holding teaching professorships at the University of Siena (1990-93); at Johannes Kepler Universität in Linz, Austria (1993-94); at Leopold-Franzes Universität in Innsbruck, Austria (1995 and 1998) and at the University of Tuscia in Viterbo (Italy) (1995-1997 and 1999-2005).