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## SHORT BIO:

**Maela Manzoli** earned her Ph.D. in Chemistry in 2001 and currently serves as Full Professor of Industrial Chemistry at the Department of Drug Science and Technology of the University of Turin, Italy. She is co-author of approximately 190 peer-reviewed papers and 3 book chapters in international journals (Scopus source: h index = 53, >8000 citations; March 2026). Her research focuses on the study of heterogeneous catalysts, specializing in their textural, morphological, and structural characterization - both before and after reaction - trying to establish precise structure-activity relationships. Her work involves the development of catalytic processes assisted by microwave (MW), ultrasound (US) or light, with a focus on selective alkyne semi-hydrogenations, reductive aminations, and biomass valorization in both batch and flow reactors.