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Fabio Fava is Full Professor of Industrial & Environmental Biotechnology and Circular (Bio)Economy at the School of Engineering of the University of Bologna (Italy) since 2005 and Deputy Rector of the same University for Industrial Research, Territorial Cooperation and Innovation since 2015. He published about 180 papers on peer-reviewed international journals in the fields of Biowaste Biorefinery, Circular Bioeconomy and Blue Biotechnology, where he coordinated the European FP7 projects NAMASTE and BIOCLEAN and participated in the FP7 projects ECOBIOCAP, ROUTES, MINOTAURUS, WATER4CROPS, ULIXES, KILL SPILL and BIORICE. He is the vice chair of the Environmental Biotechnology Division of the European Federation of Biotechnology, and Chaired or Co-Chaired 8 international conferences in the fields of environmental engineering, biotechnology and circular economy during the last 10 years.

Public services

He is currently the Italian Representative at the European Commission (Brussels) in the: a) Horizon2020 Programming Committee "Food security, sustainable Agriculture and Forestry, Marine and Maritime and inland water research, and Bioeconomy" (SC2), b) "States Representatives Group" of the "Public Private Partnership BioBased Industry" (BBI JU) and c) EuroMed GSOs BLUEMED initiative WG. He is the technical/scientific Coordinator of the Italian Bioeconomy strategy and of the Italian Bioeconomy Coordination Board at the Presidency of Council of Ministers (Rome). Finally, he is the Italian representative in the Working Party on "Biotechnology, Nanotechnology and Converging Technologies" at OECD (Paris).

Some publications

Nuzzo, A. et al. Containment of a genetically modified microorganism by an activated sludge system. *New Biotechnology* (2020) 55, pp. 58-64.

Syranidou, E. et al Biodegradation of mixture of plastic films by tailored marine consortia. *Journal of Hazardous Materials* (2019) 375, pp. 33-42.

Arelli, A. et al. Optimization of washing conditions with biogenic mobilizing agents for marine fuel-contaminated beach sands. *New Biotechnology* (2018) 43, pp. 13- 22.

Domingos, J.M.B. et al. Cheese whey integrated valorisation: Production, concentration and exploitation of carboxylic acids for the production of polyhydroxyalkanoates by a fed-batch culture. *Chemical Engineering Journal* (2018) 336, pp. 47- 53.

Syranidou E. et al. Biodegradation of weathered polystyrene films in seawater microcosms. *Scientific Reports* (2017) 7 (1), art. no. 17991.

Martinez, G.A. et al. Towards multi-purpose biorefinery platforms for the valorisation of red grape pomace: production of polyphenols, volatile fatty acids, polyhydroxyalkanoates and biogas. *Green Chemistry* (2016) 18 (1), pp. 261- 270.