

CV VITAE

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Ph.D Student at Institute of Membrane Technology of National Research Council (CNR-ITM), Rende (CS) Italy. Graduation in Pharmaceutical Chemistry and Technology with score 110/110 cum laude. Experience in membrane technology, in particular in preparation and characterization of advanced polymeric membranes for application in water desalination. At first, the attention was focused on preparation, characterization and testing of new multi-layered honeycomb membranes to be used in Membrane Distillation (MD) process. Then, the interest in nanocomposite membranes enriched with 2D materials evolved in new membrane operations as Membrane assisted Crystallization (MCr). Last studies regarded also the exploration of new combined experimental-computational approach through the using of Molecular Dynamics for the understanding of each single event occurring in membrane processes of interest.