Dr. Marc A. Ilies is a Professor in the Department of Pharmaceutical Sciences of Temple University School of Pharmacy in Philadelphia, USA. His research interests lie in the broadly defined area of bio-organic & medicinal chemistry/chemical biology at membrane interfaces, where he combines heterocyclic chemistry and drug design, materials sciences and pharmaceutical sciences to generate novel therapeutic entities with a high therapeutic index. Ilies research group is active towards synthesis, self-assembling, physicochemical and biological properties of assemblies of amphiphilic molecules of different molecular weights and packing parameters (surfactants, gemini surfactants, lipophilic oligomeric surfactants, lipids, dendrons, polymers) and in their interfacial engineering for controlling the above-mentioned properties, drug and gene loading and delivery, enzymatic degradation and toxicity.

Dr. Ilies authored more than 80 publications, which have been cited over 3500 times, with an H index of 33. He teaches graduate-level courses in Biochemistry, Medicinal Chemistry and Advanced Drug and Gene Delivery Systems and he is a member of the editorial board of four peer-reviewed journals on these topics. Dr. Ilies chaired several sessions dedicated to different aspects related with the use of self-assembled systems in drug and nucleic acid delivery systems within the ACS Division of Colloid and Surface Chemistry. Besides ACS, he is an active member of AAPS, AACP, ASGCT and Rho Chi Honor Society. Dr. Ilies has a secondary appointment in the Alzheimer's Center at Temple (part of TU School of Medicine) and is a Collaborating Member of the Temple Fox Chase Cancer Center, Molecular Therapeutics Program.