



Dr. Maciek R. Antoniewicz is the Centennial (Endowed) Full Professor of Chemical and Biomolecular Engineering at the University of Delaware. Dr. Antoniewicz earned his B.S. and M.S. degrees in Chemical Engineering from Delft University of Technology (2000), and his Ph.D. in Chemical Engineering from the Massachusetts Institute of Technology (2006). After graduating he performed post-doctoral research at DuPont Company. Dr. Antoniewicz started as an Assistant Professor in 2007 and was promoted to Associate Professor in 2013. In 2016, he was appointed as the Centennial (Endowed) Professor of Chemical and Biomolecular Engineering. Dr. Antoniewicz is an expert and a pioneer in the field of ^{13}C -metabolic flux analysis (^{13}C -MFA). He has received several international awards for his research

on metabolic flux analysis, including the DuPont Young Professor Award (2008), the James E. Bailey Young Investigator Award in Metabolic Engineering (2008), the NSF CAREER Award (2011), and Biotechnology and Bioengineering Daniel I.C. Wang Award (1015). His current interests are in parallel labeling experiments, dynamic metabolic flux analysis, analysis of compartment-specific fluxes in eukaryotic cells, and analysis of species-specific fluxes in microbial communities.